

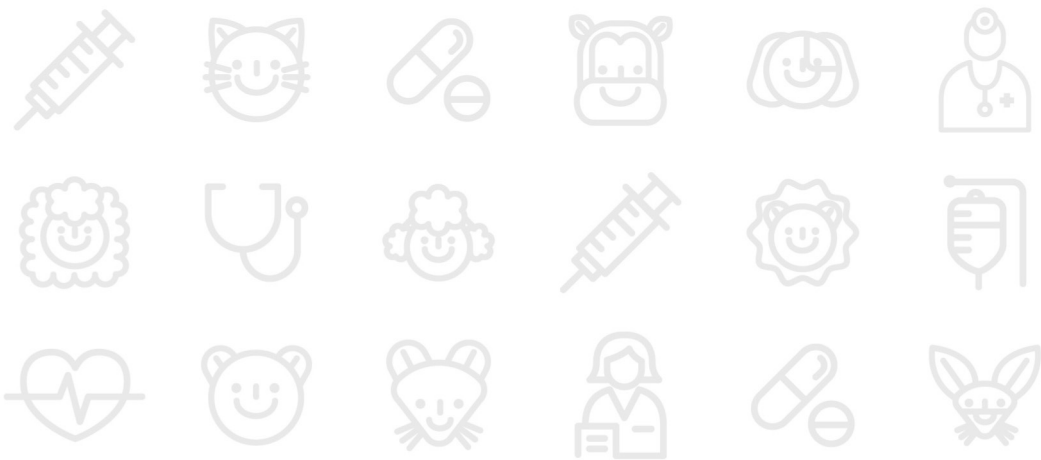
발간등록번호

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동물병원 진료 표준화 방안 마련 결과보고서

서울대학교 산학협력단
(연구책임자: 서강문)





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농림축산식품부

제출문

농림축산식품부 귀하

본 보고서를 「동물병원 진료 표준화 방안 마련」 연구용역의 최종보고서로 제출합니다.

2020년 4월 29일

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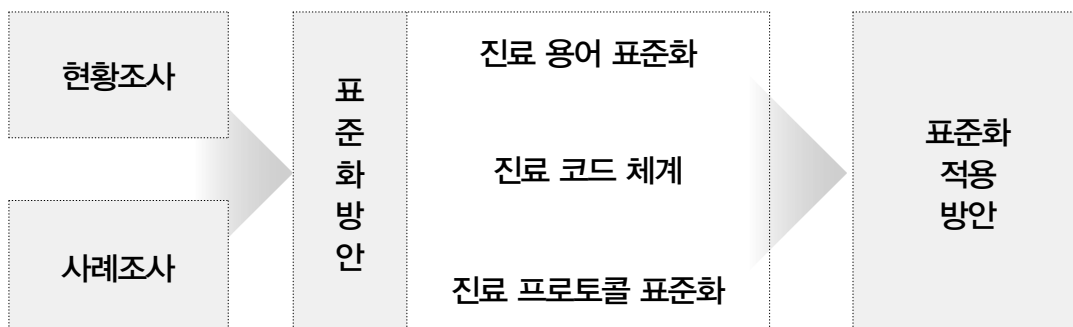
박상현 서울대학교 수의과대학

요약문

□ 연구 목적 및 필요성

- 반려동물에 대한 진료 수요도 증가하고 동물병원 진료가 전문화 및 다양화됨에 따라 진료 과정과 진료비에 대한 보호자의 이해를 높이고 진료의 신뢰성을 높이는 것은 동물진료에 있어 중요한 과제임
- 현재 진료용어, 항목, 치료 프로토콜 등이 통일되지 않음에 따라 동물병원 간 협진 등 진료정보 교환 시 혼란이 있으며, 치료 결과 공유 등 연구의 활성화에도 어려움이 있음. 또한, 국내 진료 표준화와 질병코드 단일화 미비는 관련 산업의 발전에 걸림돌이 될 수 있음
- 따라서, 본 연구에서는 동물병원 진료 표준화 방안을 마련하고, 이를 체계적으로 진행하기 위한 로드맵을 제시하여 향후 동물의료 정책 수립 시 반영하고자 함. 이를 통해 동물의료의 질적 발전을 도모하고 동물의 복지를 강화하며 동물병원 의료서비스에 대한 동물보호자(소비자)의 신뢰를 제고하여 동물병원뿐만 아니라 관련 산업의 활성화에도 기여하는 것을 목적으로 함

□ 연구 내용 및 방법



| 연구내용 | 연구방법 | | | |
|---------------------------------------|------|----|------|-------|
| | 문헌조사 | 설문 | 사례조사 | 전문가자문 |
| 전국 동물병원의 반려동물 진료 현황 조사 | ● | ● | | ● |
| 의료 분야에서의 표준화 체계 조사 (의료 용어, 의료항목 등) | ● | | ● | |
| 국내외 동물 진료체계 표준화 사례 조사 | ● | | ● | |
| 동물진료체계 표준화 및 표준화된 진료항목 활용을 위한 로드맵 | | | ● | ● |

□ 전국 동물병원의 반려동물 진료 현황 조사

- 선행연구에서는 진료의 표준화, 질환 및 행위 코드의 표준화의 필요성을 강조
- 전문가 설문 배포 (총 136종 질환 및 134 처치 행위)
 - 총 11개 병원장의 전문가 설문결과 개에서 가장 빈번한 질환은 피부염과 구토, 소양증, 외이염, 설사, 장염 등으로 조사되었음
 - 그 외에 일반 치과질환, 비만, 슬개골 탈구, 치주질환, 발톱주위염, 결막염, 파행 등이 주요 질환으로 조사됨

[건강 이상(Disorder) 종합 순위(총 14부위별 136 건강이상 중)]

| 순위 | Disorder(부위별 구분*) | 건강이상 영문명 | 건강이상 한글명 |
|----|-------------------|---|---------------------------|
| 1 | Integumentary | Dermatitis | 피부염 |
| 2 | Gastrointestinal | Vomiting | 구토 |
| 3 | Integumentary | Pruritus | 소양증 |
| 4 | Integumentary | Otitis externa | 외이염 |
| 5 | Gastrointestinal | Diarrhoea | 설사 |
| 5 | Gastrointestinal | Enteritis | 장염 |
| 7 | Integumentary | Hypersensitivity (allergic) skin disorder – atopic dermatitis | 과민성(알러지성) 피부 장애 – 아토피 피부염 |
| 8 | Integumentary | Hypersensitivity (allergic) skin disorder–others | 과민성(알러지성) 피부 장애 – 기타 |
| 9 | Integumentary | Pododermatitis | 발가락피부염 |
| 10 | Gastrointestinal | Gastroenteritis | 위장염 |

* Auditory, Cardiovascular, Connective/soft tissue, Endocrine, Gastrointestinal, Haematopoietic, integumentary, Lymphatic, Musculoskeletal, Nervous, Ocular, Renal/Urinary, Reproductive, Respiratory

- 다빈도 질환 현황 조사 (총 462명 응답)

[설문조사 결과 다빈도 질환]

| 질환(건강이상, Disorder) | N | 평균 | 표준편차 |
|---|-----|--------|---------|
| 외이도염(Otitis externa) | 460 | 4.4065 | 0.75405 |
| 피부염(Dermatitis) | 460 | 4.3848 | 0.71232 |
| 소양증(Pruritus) | 460 | 4.3348 | 0.75616 |
| 구토(Vomiting) | 461 | 4.2082 | 0.75758 |
| 설사(Diarrhoea) | 460 | 4.1978 | 0.72460 |
| 발가락피부염(Pododermatitis) | 460 | 4.0848 | 0.80263 |
| 슬개골 탈구(Patellar luxation) | 461 | 4.0607 | 0.82922 |
| 과민성(알러지성) 피부 장애-기타 (Hypersensitivity (allergic) skin disorder - others) | 460 | 4.0522 | 0.83854 |
| 과민성(알러지성) 피부 장애 - 아토피 피부염(Hypersensitivity (allergic) skin disorder - atopic dermatitis) | 460 | 4.0196 | 0.84124 |
| 결막염(Conjunctivitis) | 461 | 4.0000 | 0.78574 |

□ 동물진료 표준화 방안

○ 수의학 질병 코드 (Veterinary KCD) 제안

- 코드제작 시 가장 편리한 방법은 VeNom code와 같이 순차적인 번호를 질병명에 붙이는 방법이지만, 본 연구의 목적이 단순한 질병명의 코드화만이 아닌 코드화를 통한 질병 통계의 편리성 확보와 이를 통한 관련 산업의 발달에 있으므로 시간이 소요되더라도 **각 자리에 의미를 부여하는 구조로 제작하는 것이 합리적이라고** 고려됨

- 국내 반려동물이 개와 고양이에 집중되어 있어 개와 고양이에 대한 코드를 개발한다고 했을 때, 인의에서 사용 중인 KCD-7을 기반으로 하여 코드를 개발하는 것을 고려하였음. 수의학에서 다루지 않는 질병분류가 있을 지라도 질병분류의 체계를 그대로 적용하는 것은 **향후 인의에서의 질병통계와 비교 등을 위해 필요하다고** 생각됨

- 기본 구조(안)

- 영역 1에는 동물의 종(개: canine, 고양이: feline 등) 코드 부여

- 영역 2-4는 KCD-7과 동일하게 구성: 인의에서 분류한 기준을 그대로 사용함으로써 안정된 체계를 수용하고 용어의 혼란을 줄임. 질병 코드는 질병분류기호 모바일/웹 검색이 가능하여 쉽게 접근할 수 있음(<http://www.kcdcode.kr/browse/main>). 기본 KCD-7 질병코드를 확인하여 코드 번호를 재구성하여 사용할 수 있음. 추후 KCD 리스트에 변화가 있더라도 영향을 받지 않음
- 동물 질병의 경우나 품종 특이성 질환은 영역 5를 활용하여 기록

[수의학 질병 코드 기본 구조 제안(안)]

| 영역 | 영역 1 | 영역 2 | 영역 3 | 영역 4 | 영역 5 |
|------|--------------------|----------|--------|--------|------|
| 분류 | 종 | KCD-7 | 세분류 1 | 세분류 2 | 수의 |
| 표기방식 | AA | ANN | N | N | N |
| 예시 | CA(개) | H40(녹내장) | 3(속발성) | 1(염증성) | - |
| | 개에서 염증에 의한 속발성 녹내장 | | | | |

○ 수의학 행위분류 코드 체계 제안

- 인의와 다르게 수의에서는 동물의 종을 고려해야 하므로 첫 자리 영역 1을 동물 종을 기재하는 것으로 정의(질환 코드와 같음)
- 기본 구조는 총 5 영역으로 나누었으며 위 표와 같이 각 자리에 의미를 부여함
- 영역 2는 대분류, 영역 3은 행위 중분류로 구분
- 영역 4(소분류)는 방법명에 대한 표준용어, 해부학적 부위, 세부분류명으로 구성하였음
- 약물, 처치나 수술에서 사용되는 도구나 재료들을 표기하여 더 명확한 행위를 나타내기 위해 영역 5의 기타 코드를 붙임(병원 각자의 기존 코드 활용도 가능)

[수의학 행위분류 체계 코드 기본 구조 제안(안)]

| Digit | 영역1 | 영역2 | 영역3 | 영역4 | 영역5 |
|-------|------------------|-----|--------|-------|---------|
| 분류 영역 | 동물 종 | 대분류 | 중분류 | 소분류 | 기타 |
| 설명 | CA(개) FE(고양이) | 행위 | 행위 세분류 | 하위 분류 | 그 밖의 내용 |
| 표기 방식 | AA | A | N | A | NN |

* 영역 4/5의 구분이 필요 없을 때는 무의미코드 사용(영역 4: 0, 영역 5: 00)

○ 수의임상프로토콜(Veterinary Clinical Protocol) 개요

- 기존의 두 종류의 매뉴얼의 기능을 통합(진료 방법 + 진료 코드)하여 병원별로 상이할 수 있는 **코드 및 용어 표준화**고 **질환별로 진료 프로세스에 대한 근거를 확보**함
- 현재까지의 **임상매뉴얼과 임상진료지침의 중간 단계**로서 수의임상프로토콜을 제안함. 그러나 향후 국내 의료계의 CPG 개발 사례나 앞서 언급한 WSAVA의 canine atopic dermatitis CPG 사례를 참고하여 국내 수의계에서도 전문인력을 주축으로 한 CPG 개발이 필요
- CPG 개발을 위한 그룹을 구성하는 것, 개발과정과 개발 이후에 발생할 수 있는 이해관계 충돌을 조율하는 것 같은 어려움이 있으므로 **수의계 전체적인 참여와 합의를 이끌어내는 것이 중요**
- 향후 수의 전문의 제도 및 **전문학회 활성화**에 따라 CPG 개발이 활성화 될 것으로 기대함

○ 수의임상프로토콜의 특성

- 진료과가 아니라 **질환별** 독립적인 프로토콜 개발
- **기존의 프로토콜과 문헌 조사**를 통한 근거 기반 프로토콜 개발
- **전문 학회의 검증과 인증 절차** 포함

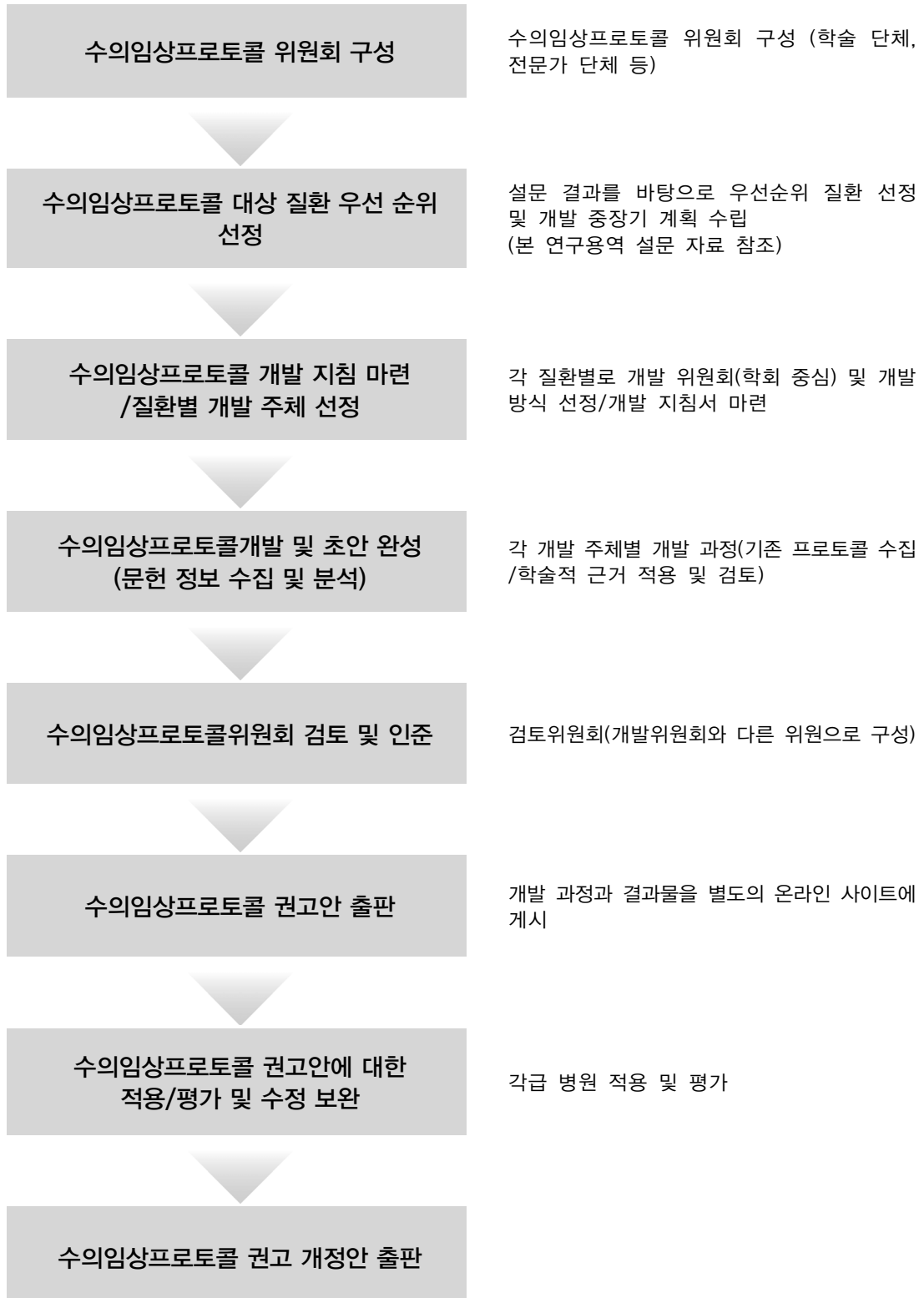
○ 수의임상프로토콜 구성

- 임상 질문을 별도로 추출하지는 않았으나 CPG의 구성을 일부 차용하여 질병에 대한 정의와 기전, 관련 통계자료를 제시
- 가능한 진단과 진료 프로토콜을 문헌 근거와 함께 제시

[수의임상프로토콜 구성(안)]

| 질환 및 진료 항목의 정의 | 근거(참고문헌/연구결과)에 기반한 질환/진료 항목에 대한 정의 |
|----------------|------------------------------------|
| 병인 및 기전 | 최신 연구결과를 포함하는 병인 및 기전 |
| 관련 통계 자료 | 관련 질병 임상 통계 자료(가능할 경우) |
| 진단 프로토콜 | 검사법/검사결과 분석 치료 프로토콜 결정 |
| 치료 프로토콜 | 순차적 진료 행위 (필요한 진료 도구 및 기술) |
| 참고문헌 | 각 단계에서 제시된 근거 통합 리스트 |

○ 수의임상프로토콜 개발 단계(안)



□ 동물진료 표준화 로드맵

| 단계 | 진료정보 표준화 | 수의임상 프로토콜 | 제도 및 환경 조성 | 보호자-수의사 소통 |
|-----------------|--|---|-----------------------------------|--|
| 준비 단계 (2020) | 기초 조사 및 관계자 의견 수렴 (본 연구영역의 범위) <ul style="list-style-type: none"> - 국내외 의료 및 수의학 진료 표준화 방안 사례 조사 - 질환 및 진료 행위 현황 조사 - 질환/행위 코드 체계 수립 방안 마련 - 수의임상프로토콜 개발 방안 마련 | | 관련 예산 및 법적 근거 마련 | 동물등록 독려 |
| 1단계 (2021) | 동물병원 진료정보 표준화 위원회 <ul style="list-style-type: none"> - 질환 및 행위 코드 체계 확립 - 시범사업 운영 | 수의임상프로토콜 개발위원회 <ul style="list-style-type: none"> - 임상프로토콜 개발 절차 수립 - 우선순위 임상프로토콜 30개 선정 - 1차 개발(10개) | 동물 진료 발전 중장기 1차 계획 (2021-2025) 수립 | 동물 진료 관련 보호자 고충 분석 진료 분쟁 절충 절차 마련 |
| 2단계 (2022) | 동물병원 진료정보 표준화 위원회 <ul style="list-style-type: none"> - 병원 규모별 적용(대학병원) - 임상프로토콜과 연계 | 수의임상프로토콜 개발위원회 <ul style="list-style-type: none"> - 1차 개발 프로토콜 시범 운영 및 보완 - 2차 개발(10개) | 동물병원 진료 표준화 제도 정비 및 시스템 구축 | 진료 분쟁 및 고충 전담 기구 설치 |
| 3단계 (2023) | 동물병원 진료정보 표준화 위원회 <ul style="list-style-type: none"> - 병원 규모별 적용 확대(대형병원) - 진료 정보(질환/행위) 취합 및 분석 | 수의임상프로토콜 개발위원회 <ul style="list-style-type: none"> - 2차 개발 프로토콜 시범 운영 및 보완 - 3차 개발(10개) - 병원규모별 순차적 적용 | | 보호자 대상 진료 정보 지속적인 홍보 |
| 4단계 (2024) | 동물병원 진료정보 표준화 위원회 <ul style="list-style-type: none"> - 병원 규모별 적용 확대(중소형병원) | 수의임상프로토콜 개발위원회 <ul style="list-style-type: none"> - 3차 개발 프로토콜 시범 운영 및 보완 | 동물 진료 발전 중장기 2차 계획 (2026-2030) 수립 | |

□ 결론

- 본 연구에서는 동물 진료에서 공식적으로 사용될 수 있는 용어와 코드 체계로 통일하고, 특정 질환의 진단 및 처치에 있어 수의학적 근거에 바탕을 두고 수행할 수 있는 합의된 절차를 마련하는 진료 표준화 방안을 제시하였음
 - 진료 표준 프로토콜 마련을 위해서는 수의임상프로토콜 지정 절차 및 예시(안)을 제시하고, 그 내용에 질환 및 진료 항목의 정의, 병인 및 기전, 관련 통계 자료, 진단 프로토콜, 치료 프로토콜, 참고문헌을 수록하도록 하였음

- 본 연구에서는 진료 정보 표준화와 수의임상프로토콜 체계화와 이를 위한 반려동물의료 제도와 환경 개선, 수의사와 보호자의 소통 증진이 함께 이루어질 수 있도록 중장기 로드맵을 3단계로 마련하였음. 본 연구 영역은 중장기 로드맵의 준비 단계로 향후, 진료 표준화 체계마련과 진료 표준화 시행 방안을 마련한 후 순차적인 적용 방안을 제시함

- 본 연구에서 조사한 국내 의료계(인의, 치의, 한의) 및 해외 수의계의 표준화 사례에 근거하여 볼 때 의료 정보와 행위의 표준화는 단시간에 일방적인 방식으로 이루어지는 것이 아님. 의료계에서는 수십 년간의 의료계의 노력과 전 국민 의료보험이라는 국가적인 제도와 정책, 행정적 지원이 바탕이 되었음

- 따라서, 반려동물 진료 표준화 역시 수의학적 전문지식에 근거한 체계적인 조사와 준비는 물론 관련 수의계 전반의 합의와 이해 당사자들 간의 소통을 통해 이루어질 수 있음

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1. 연구 목적 및 필요성

- 반려동물을 사육하는 가구는 지난 20년간 지속적으로 증가해 왔으며 현재, 국민 총 가구 중 26.4%에 이르고 있음. 이에 따라 반려동물에 대한 진료 수요도 증가하고 있으며, **진료 서비스의 수준 및 신뢰성에 대한 요구도 높아지고 있음**
 - ※ 『2019년 동물보호에 대한 국민의식 조사(농림축산검역본부)』 결과 반려동물 보유 가구 수는 약 591만 가구로 추정되며, 개 598만 마리, 고양이 258만 마리를 기르는 것으로 추정
 - 동물병원 진료의 전문화 및 다양화됨에 따라 **진료 과정과 진료비에 대한 보호자의 이해를 높이고 진료의 신뢰성을 높이는 것은 동물진료에 있어 중요한 과제임**
 - 『반려동물 서비스 소비자 인식조사(소비자시민모임, 2018)』 결과 응답자 중 84%는 반려동물지출 비용 중 의료비 부담이 가장 크다고 답하고 있음. 반려동물 지출 비용(카드 결제에 한함)은 2016년 기준 8,000억원에 달하는 것으로 나타남
 - 최근 반려동물 보호자의 혼란을 막고 진료비 부담을 줄이기 위한 다각적인 시도가 이루어지고 있으나 **체계적인 진료 표준화 없이는 어려운 실정임**

- 각 국가의 소득 수준에 기반한 지불능력을 고려할 때 한국의 동물진료 비용이 상대적으로 높은 것은 아니지만 진료 항목에 대한 병원별 비용 편차가 크고 지불 비용에 대한 병원서비스 만족도가 떨어지는 것으로 나타남¹⁾
 - 의견 수렴결과 반려동물 보호자(소비자)들은 병원간 진료비 편차에 대한 강한 반감이 있었으며 능동적으로 진료비 정보를 수집하고 있었음
 - 연구에서는 진료에 대한 신뢰를 높이기 위해 공시제와 표준수가제 등 관련 정책을 분석하였으나 어떤 제도를 도입하더라도, **진료코드 체계 구축, 반려동물 등록률 제고, 비윤리적 진료 행위에 대한 제재 강화가 선행되어야 한다는 결론을 내린 바 있음**

- 의학, 한의학 등 진료 분야에서는 표준임상지침(한의학), 임상진료지침(clinical practice guideline, CPG) 등을 도입하여 근거기반의료를 통해 임상진료의 질을 높이는 노력이 계속되고 있음
 - 한의학 분야의 경우 보건복지부에서 ‘한의학육성발전종합계획’(2016-2020)에 따라 한의학의 표준화과학화 기반을 조성하기 위해 2016년부터 2021년까지 6년간 “한의표준임상진료지침”을 개발 중임(30개 질환 대상, 관련 예산 총 275억원 이상 투자), 또한 개발된 “한의표준임상진료지침”은 국가한의임상정보센터를 중심으로 일선 한방의료기관에 보급하여 한방의료의 체계적 발전을 도모하고 있음

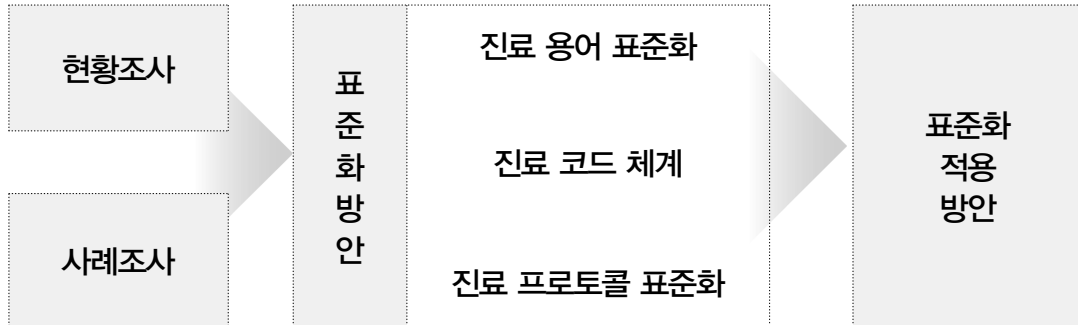
1) 수의임상포럼 (2017). 반려동물 산업 활성화를 위한 소비자 진료비 부담 완화 방안연구 보고서. 농림축산식품부.

- 2007년 표준의료지침 제정을 두고 진통을 겪은 의학 분야에서는 2008년부터 학계를 중심으로 임상진료지침을 연구하고 개발하여 진료 현장에서 활용할 수 있도록 하고 있음. 임상진료지침 정보센터를 통해 표준진료지침을 평가 받거나 인정된 지침을 활용할 수 있음
 - 건강보험심사평가원에서는 비급여 진료비용의 적정 고지를 위해 비급여 진료항목 표준화 사업을 진행하고 있으며, 단계적으로 표준화 대상을 확대 중
- 문재인 정부 공약 사항에 '자율적 표준 진료제' 도입이 포함된 바 있으며, 2018년 농림축산식품부 업무계획에도 '반려동물 표준진료제 도입 방안 마련'이 포함되어 있어 반려동물 표준 진료에 대한 정책적 노력이 진행되고 있음
- 최근 국회에도 동물병원 진료항목 표준화 등 표준 진료제 관련 「수의사법」 개정안들이 발의되어 있음(원유철 의원, 전재수 의원, 정재호 의원, 강석진, 강효상 의원 대표발의 「수의사법」 개정안)
 - 이들 법안에 포함된 동물보호자(소비자)에게 동물진료비를 고지 또는 동물병원에 진료비 게시 등을 하기 위해서도 **진료행위 표준화 작업 및 동물진료체계 표준화, 통일된 동물질병 코드 체계**가 마련되어야 함
- 현재 동물병원마다 다르게 사용하고 있는 진료용어, 항목, 치료 프로토콜(동물 표준 진료행위)을 표준화하여 동물진료에 대한 동물보호자(소비자) 신뢰성 제고 및 적정 진료에 따른 동물복지 향상이 가능함
- 진료용어, 항목, 치료 프로토콜 등이 통일되지 않음에 따라 동물병원 간 협진 등 진료정보 교환 시 혼란이 있으며, 치료 결과 공유 등 연구의 활성화에도 어려움이 있음
 - ※ 예 1) 광견병 예방백신 접종 시의 경우 진료용어가 통일되지 않아 A동물병원에서는 '공수병'이라는 명칭을, B동물병원에서는 '광견병'이라는 명칭을 사용하는 등 전문 지식이 없는 동물보호자에게는 다른 예방백신으로 오인하는 등의 혼란 유발 우려
 - 예 2) 일반적으로 이루어지는 '중성화 수술'의 경우에도 동물보호자에게 수술비용 안내 시 A동물병원은 수술 전 혈액검사비, 마취비, 수술비, 수술 후 입원·관리비 등 제반 비용을 모두 포함하여 안내하나, B동물병원에서는 제반 비용을 제외한 수술비만을 안내하여 실제 수술을 위해서는 고지한 비용에 검사비 마취비 등 비용이 추가되어 동물병원 진료비에 대한 동물보호자의 혼란 및 불신 초래
- 국내 진료 표준화와 질병코드 단일화 미비는 관련 산업의 발전에 걸림돌이 될 수 있음
- 국내 반려동물병원에서 실제 사용 중인 동물질병 코드체계는 각 전자의무기록(EMR) 업체가 전자차트 기록을 위해 개발·제공하거나, 보험사에서 만든 것이 있으나 통일된 기준이 없어 서로 호환되지 않으며 보편적으로 적용되지 않는 상황임
 - 국내 진료 표준화와 질병코드에 대한 부분은 선진국의 예(일본, 영국 등)와 같이 동물보험과 연계되어 발전될 가능성이 높으며, 국가 차원의 동물질병 코드가 있어야 표준화 및 공시제 등의 실현 기반마련이 가능

- 따라서 본 연구에서는 **동물병원 진료 표준화 방안**을 마련하고, 이를 체계적으로 진행하기 위한 로드맵을 제시하여 향후 동물의료 정책 수립 시 반영하고자 함. 이를 통해 **동물의료의 질적 발전을 도모하고 동물의 복지를 강화하며 동물병원 의료서비스에 대한 동물보호자(소비자)의 신뢰를 제고**하여 동물병원뿐만 아니라 관련 산업의 활성화에도 기여할 수 있을 것으로 기대

2. 연구내용 및 방법

2.1. 연구내용



※ 표준화의 정의²⁾³⁾

표준화의 사전적인 정의는 “자재나 상품의 종류, 모양, 크기 등을 일정한 기준에 따라 통일” 하는 것이다. 동물의료 서비스가 무형의 의료 서비스임을 감안할 때, 본 연구에서 표준화는 동물 진료에서 공식적으로 사용될 수 있는 용어와 코드 체계로 통일하는 것을 의미한다. 또한, 진료 체계의 표준화는 특정 질환의 진단 및 처치에 있어 수의학적 근거에 바탕을 두고 수행할 수 있는 합의된 절차를 의미한다. 이는 현재 어떤 법적·수의학적 합의에 근거하지 않은 “표준수가 또는 표준가격”과는 관련이 없는 용어임을 밝힌다.

(1) 전국 동물병원의 반려동물 진료 현황 조사

- 전국 동물병원(4,526개소, '18말 기준) 현황 파악으로 관련 조사 기반 마련
 - 동물병원에 대한 동물진료 현황(질병현황, 축종현황, 진료비용 등) 설문 조사 문항 개발
 - 전국 동물병원 대상 설문 조사 시행 및 결과 분석
- 동물병원 진료 관련 데이터 수집 및 분석
 - 지역별, 규모별 동물병원 표본에 대한 전자의무기록 수집 및 분석

2) “표준화” 국립국어원 표준국어사전 <출처: <https://stdict.korean.go.kr/>>

3) “표준가격” 일부 생산물에 대하여 생산자들이 가격을 조절할 때에 기준이 되도록 국가 기관에서 정하여 놓은 가격. 국립국어원 표준국어사전 <출처: <https://stdict.korean.go.kr/>>

(2) 의료 분야에서의 의료 용어, 의료항목 등 표준화 체계 조사

- 의료 분야 「보건의료 용어표준」, 「건강보험 행위 급여·비급여 목록표 및 급여 상대가치점수」, 「한국표준질병·사인분류」 등 표준화 체계 분석·연구
- 유사 사례인 의료 분야에서의 비급여진료항목 표준화 사업을 벤치마킹하여 동물의료에 적용 가능 방안 마련
- 최근 개발된 한의학 및 치의학 분야의 코드 체계 분석 및 동물의료에 적용 가능한 방안 마련

(3) 국내·외 동물 진료체계 표준화 사례 조사

- 국내 동물의료체계 조사
 - 국내 동물의료보험 회사 분류 체계 조사
- 해외 동물의료체계 조사
 - 일본 애니콤손해보험의 표준 질병코드 : 동물병원과 제휴를 통해 보험가입 환자의 진료기록 작성시 애니콤의 표준 질병코드로 작성하며, 총 303개의 질병항목이 15개 해부학적 항목(순환기, 호흡계, 소화기계 등)으로 분류됨. 특수동물(조류, 토끼, 패럿)에 대해서는 별도의 분류로 질병명 항목을 구성
 - 미국 동물병원협회(AAHA) Veterinary Fee Reference : 미국 동물병원협회에서는 2년마다 동물병원 진료비 동향을 조사하여 통계집으로 발간하고 있으며, 약 450개의 진료서비스와 예방접종 프로토콜, 진료서비스 절차의 스케줄 등에 대한 정보가 담겨 있는 600개 이상의 표로 구성됨(9판 기준, 2015)
 - 캐나다 Provincial fee guide : 캐나다수의사회의 지원 하에 각 주별로 적정 진료비를 산출하며, 이를 위해 각 진료행위를 코드화
- 동물의료서비스 수요자(동물보호자), 제공자(수의사), 관계기관, 전문가 등의 의견 수렴
 - 심층면접(텔파이 조사), 포커스 그룹 인터뷰(Focus group interview), 토론회를 통해 현재 동물진료 절차에 대한 문제점과 해결방안 관련자들의 의견 수렴

(4) 동물진료체계 표준화를 위한 로드맵 제시

- 기본 및 다빈도 진료항목 설정 방법을 연구하고, 이에 따른 수의학용어, 진료용어 및 동물병원별 진료 절차 조사항목 개발 등 표준진료프로토콜(표준 동물진료 업무절차) 로드맵 작성

(5) 표준화된 진료항목 활용방안 연구

- 다(多)빈도 진료행위를 중심으로 하여 표준(권장) 진료프로토콜 마련 및 동물병원에 보급 및 적용 로드맵 제시
- 진료부 기록 시 적용 법제화, 시스템 구축 등 활용방안 검토

2.2. 연구팀 구성방안

- 연구팀의 구성
 - 책임연구원 및 연구원들을 학계, 협회, 현장(동물병원)의 인력으로 구성하여 연구내용에 대하여 학문적 접근, 정책적 접근, 실제적 접근 등 종합적인 방식으로 연구가 이루어질 수 있도록 구성
- 자문단 구성
 - 연구팀 이외에 자문단을 구성하여 연구내용별 전문지식과 경험을 반영하며 다양한 이해관계자의 입장을 포함하여 추후 원활한 정책 추진 도모

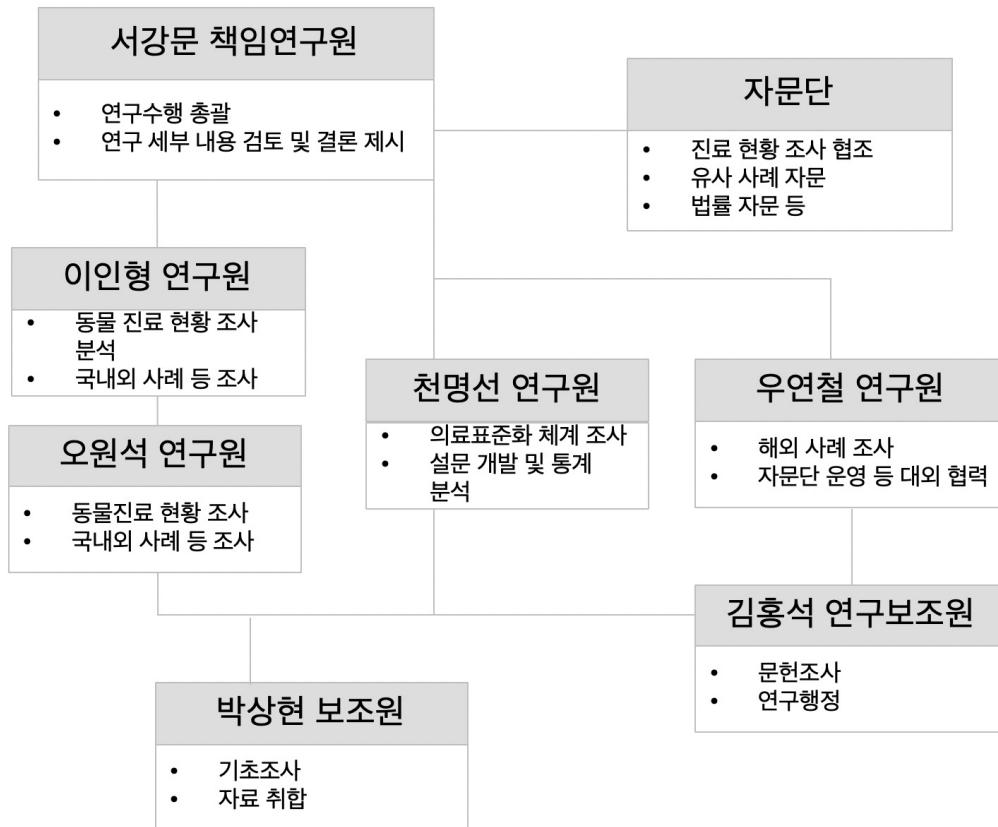
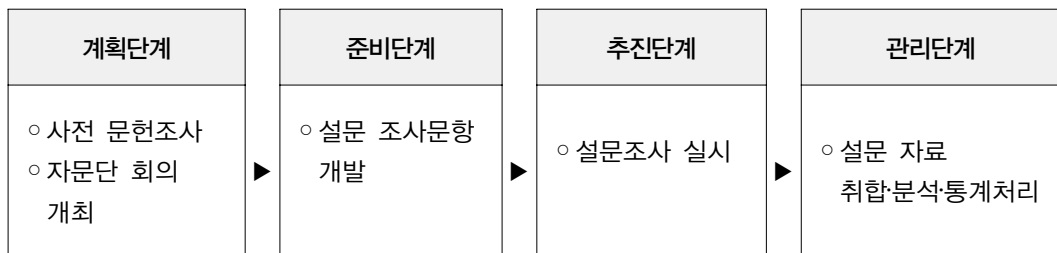


그림 1. 연구팀 구성 및 역할 분담

2.3. 연구방법

| 연구내용 | 연구방법 | | | |
|---------------------------------------|------|----|------|-----------|
| | 문헌조사 | 설문 | 사례조사 | 전문가 자문 |
| 전국 동물병원의 반려동물 진료 현황 조사 | ● | ● | | ● |
| 의료 분야에서의 표준화 체계 조사 (의료 용어, 의료항목 등) | ● | | ● | |
| 국내외 동물 진료체계 표준화 사례 조사 | ● | | ● | |
| 동물진료체계 표준화를 위한 로드맵 제시 | | | ● | ● |
| 표준화된 진료항목 활용방안 | | | | ● |

(1) 전국 동물병원의 반려동물 진료현황 조사



○ 문헌 조사

- 농림축산식품부, 지방행정 인허가 데이터, 대한수의사회 자료 등을 활용하여 전국 동물병원 최신 현황 파악
- 통계청 산업통계, 국세청 국세통계, 금융보험업계 분석자료 등 문헌 조사 병행

○ 설문조사 (인터뷰/온라인 설문)

- 지역별, 규모별로 표본 동물병원을 선정하여 심층 조사(인터뷰 등)를 통해 동물병원 진료 표준화 관련 현황 파악
- 전국 동물병원을 대상으로 한 온라인 설문을 통해 동물병원 진료 표준화와 관련된 수의사 인식, 진료 현황, 빈번한 질병 등 파악

(2) 의료 분야에서의 표준화 체계 조사

- 문헌 조사
 - 「보건의료 용어표준」, 「건강보험 행위 급여·비급여 목록표 및 급여 상대가치점수」, 「한국표준질병·사인분류」 등에서 질병 및 진료 표준화 체계 분석
 - 국제 표준용어·체계 등 조사
- 사례조사
 - “비급여진료항목 표준화” 사업, “한의표준임상진료지침” 개발 등 사람의료의 유사사례를 벤치마킹, 동물의료에 적용 연구 관계자 인터뷰

(3) 국내 참고 사례 및 해외 동물 진료체계 표준화 조사

- 문헌 조사/사례조사
 - 수의사처방관리시스템, 동물병원용 EMR 등에서 자체적으로 사용하는 분류체계 조사분석
 - 해외 선진국 등의 동물의료체계 문헌 조사(필요 시 현지방문 조사·연구)
 - 미국: AAHA의 동물병원 진료비 레퍼런스. Veterinary Fee Reference
 - 영국: 소동물임상수의사회 Guide to Procedures in Small Animal Practice
 - 캐나다: Suggested Fee Guide for Small Animal Procedures
- 동물의료서비스의 수요자(동물보호자), 제공자(수의사), 관계기관, 전문가 등의 의견 수렴을 위한 집담회 개최

(4) 동물진료체계 표준화를 위한 로드맵 제시

- 사례조사 및 분석
 - 국내·외 진료체계 표준화 유사사례 연구 현황, 벤치마킹 사례 등을 종합적으로 고려하여 표준진료프로토콜 개발 및 동물진료체계 코드화 로드맵을 구체적으로 제시
- 개발된 로드맵에 대한 관련 전문가 자문 반영
 - 전문가 및 각 이해당사자 집단의 대표로 구성된 자문단에서 개발된 로드맵 평가 및 개선, 보완 수행

(5) 표준화된 진료항목 활용방안 연구

- 전문가 자문
 - 전문가 자문을 통해 표준화 진료 항목 활용에 있어 어려운 점을 해결할 수 있는 방안 마련
 - 의료 분야 관계자의 자문으로 의료 분야 사례 및 노하우 전수
 - 진료 표준화의 중요성과 활용 방안에 대한 홍보 전략 수립

- 사례조사(법제화 검토)
 - 의료 분야 사례 등을 참고하여 표준 진료항목에 따른 진료부 작성 등 보급을 위한 법제화 등 검토

3. 연구결과

3.1. 전국 동물병원의 반려동물 진료 현황 조사

(1) 문헌 조사

- 전국 규모의 동물병원 내원 환자의 질환 유병률 조사는 이루어진 적이 없음. 최근 몇몇 개별 연구를 통해 일부 병원들이 자발적으로 참여한 연구 자료가 발표 됨
- 개에서 종별, 생애단계별 주요 질환에 대한 조사 (2018)⁴⁾
 - 11개 동물병원, 44,782 개 진료 기록(전자차트)을 수집하여 분석(2016년)
 - 연구자가 임의 선택한 서울 5곳, 전주 6곳의 동물병원을 대상으로 함
 - 질환명은 International Classification of Disease (ICD)을 기준으로 함
 - 11,085마리의 개가 대상이 됨. 그러나 개의 ID가 확인된 것은 아니고, 동일 동물이 다른 질환으로 병원 방문 시 질환을 기준으로 다른 개체로 산정되기 때문에 실제 대상 견의 수가 제시된 수보다는 적을 것으로 추측됨. 가장 많은 품종은 말티즈, 토이푸들, 포메라니언, 시츄, 요크셔테리어, 치와와, 믹스견의 순이었음
 - 총 27개 질환 분류 중 가장 다발 질환은 피부 질환(18.3%)이며 소화기 질환(14%), 예방적 처치(11.5%), 귀 및 꼭지들기 질환(10.4%), 눈 질환(6.6%), 근골격계/결합조직 질환(6.4%), 호흡기 질환(5.9%), 외상/중독 등(4.4%), 중성화(4.4%), 생식기계 질환(3.9%), 기타 (14.4%) 였음
- 최근 한 연구⁵⁾에서 진료 중 가장 다빈도로 이루어지며, 동물병원 간 비교적 일관된 형태로 진행되고 있는 처치 항목 22개에 대한 소규모 조사가 이루어진 바 있음
 - 해당 연구는 진료비 비교가 가능한 항목을 선정한 것이라 질환이나 동물 환자의 상황을 고려하여 분류된 항목이 아님. 따라서 실제 진료 행위 중 매우 협소한 영역 만을 포함하고 있고, 체계적인 구분이 된 것은 아님. 또한 각 행위에 대한 합의된 정의가 있는 것은 아님
 - 해당 연구에서도 진료의 표준화, 질환 및 행위 코드의 표준화의 필요성을 강조하고 있음

4) Kim et al. (2018), Major medical causes by breed and life stage for dogs presented at veterinary clinics in the Republic of Korea: a survey of electronic medical records. PeerJ 6:e5161; DOI 10.7717/peerj.5161

5) 수의임상포럼 (2017). 반려동물 산업 활성화를 위한 소비자 진료비 부담 완화 방안연구 보고서. 농림축산식품부.

표 1. 해당 연구에서 선택 비교된 다빈도 진료항목 22종

| 구분 | 진료항목 |
|-------------|----------------|
| 예방접종 및 기본진료 | 종합백신 |
| | 광견병 |
| | 초진료 |
| | 재진료 |
| | 입원료 |
| 주사/처치 | 정맥주사 |
| | 근육주사 |
| | 피하주사 |
| 조제약 | 5kg 이하 1일분 |
| 피부/귀 | 귀도말 |
| | 검이경검사 |
| | 피부소파검사 |
| | KOH |
| 임상병리 | 혈구검사(CBC) |
| | 마취전혈청검사(6-8항목) |
| | 심장사상충 키트검사(단독) |
| | 파보장염 키트검사(단독) |
| | 뇨스틱검사 |
| 마취 | 주사마취 |
| | 호흡마취 |
| 영상 | 복부초음파 |
| | 흉부방사선 |

(2) 설문 조사

1) 전문가 설문지 구성 및 배포

- Venom(영국), Suggested Fee Guide for Small animal Procedures(캐나다), The Veterinary Fee Reference (미국)에 제시된 질환(136종)과 처치법(134종) 중 선별을 통해 항목 선정
- 1차 진료를 담당하는 중급 규모 이상의 동물병원 총 11곳에 설문(2019. 8-10)으로 의뢰하여 반려견 연령별로 다발 정도를 매우 빈번(주1회 이상), 가끔(월 1회 이상), 전혀 빈번하지 않음(연 1회)로 구분하여 답하도록 요청

○ 빈번함의 정도를 5, 3, 1로 점수화 하여 각 항목별로 응답자의 점수를 총합하여 순위를 선정함(설문지는 첨부자료 1)

반려동물 진료 표준화 방안 마련을 위한 기초 조사
(전문가 설문)

설문에 참여해 주신 전문가 여러분께 감사드립니다.

본 설문은 반려동물 진료 표준화 방안 마련의 일환으로 우리나라 동물병원에서 어떤 질환, 진단, 처치가 가장 빈번하게 다뤄지는지 조사하고자 마련되었습니다. 본 설문은 온라인으로 배포되는 불특정 다수를 대상으로 하는 설문이라 선별된 전문가의 의견을 여쭙는 전문가 설문 조사입니다.

본 설문은 다빈도 질환과 처치에 대한 파악을 위한 것으로 일장님께서 추정하시는 빈도를 표시하시도록 되어 있습니다. 따라서 정확한 수치나 사례수가 필요한 것이 아니니 추정치를 근거로 표시해 주시면 됩니다. 이 자료는 이후 데이터 수집을 위한 준비 자료로 쓰이게 됩니다.

본 설문 응답 개별 내용은 공개되지 않으며, 결과는 본 연구에만 쓰입니다.

설문 문항이 많고 시간이 걸릴 수 있지만, 전문가 여러분의 고견이 연구에 큰 힘이 되오니 끝까지 성의 있는 답변을 부탁드립니다.

문입니다

)의 빈번함(5: 매우 빈번, 3: 가끔, 1: 전혀
다발 통증이 있을 경우 기입하여 적어주시시오)

2019년 8월 26일

연구책임자 서울대학교 서강문 드림

회 이상) 3: 가끔(월 1회) 1: 전혀 빈번하지 않음(연 1회)

| Disorder | 건강이상 영문명 | 건강이상 한글명 | 다발 통증 (있을 경우) | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|------------------------|--------------------------------|----------|---------------|--------|---------|--------|--------|----------|----------|--------|
| Auditory | Otitis externa | 외이도염 | | | | | | | | |
| Auditory | Aural (ear) haematoma | 이개혈종 | | | | | | | | |
| Auditory | Vestibular disease | 전정계 질환 | | | | | | | | |
| Auditory | Ear disorder | 귀의 장애 | | | | | | | | |
| Cardiovascular | Heart (cardiac) murmur | 심잡음 | | | | | | | | |
| Cardiovascular | Heart (cardiac) disease | 심장질환 | | | | | | | | |
| Cardiovascular | Mitral valve disorder | 이첨판 장애 | | | | | | | | |
| Cardiovascular | Cerebrovascular accident (CVA) | 뇌졸중 | | | | | | | | |
| Connective/Soft tissue | Obesity | 비만 | | | | | | | | |
| Connective/Soft tissue | Lipoma | 지방종 | | | | | | | | |
| Connective/Soft tissue | Hernia - umbilical | 제대탈장 | | | | | | | | |

그림 2. 다빈도 질환 및 처치에 대한 설문지 (첨부 1 참조)

2) 전문가 설문 결과

○ 다빈도 건강이상

- 총 11개 병원장의 전문가 설문결과 개에서 가장 빈번한 질환은 피부염과 구토, 소양증, 외이염, 설사, 장염 등으로 조사되었음
- 그 외에 일반 치과질환, 비만, 슬개골탈구, 치주질환, 발톱주위염, 결막염, 파행 등이 주요 질환으로 조사됨

표 2. 건강 이상(Disorder) 종합 순위(총 14부위별 136 건강이상 중)

| 순위 | Disorder (부위별 구분*) | 건강이상 영문명 | 건강이상 한글명 |
|----|-----------------------|---|------------------------------|
| 1 | Integumentary | Dermatitis | 피부염 |
| 2 | Gastrointestinal | Vomiting | 구토 |
| 3 | Integumentary | Pruritus | 소양증 |
| 4 | Integumentary | Otitis externa | 외이염 |
| 5 | Gastrointestinal | Diarrhoea | 설사 |
| 6 | Gastrointestinal | Enteritis | 장염 |
| 7 | Integumentary | Hypersensitivity (allergic) skin disorder – atopic dermatitis | 과민성(알러지성) 피부 장애 - 아토피 피부염 |
| 8 | Integumentary | Hypersensitivity (allergic) skin disorder – others | 과민성(알러지성) 피부 장애 – 기타 |
| 9 | Integumentary | Pododermatitis | 발가락피부염 |
| 10 | Gastrointestinal | Gastroenteritis | 위장염 |

* Auditory, Cardiovascular, Connective/soft tissue, Endocrine, Gastrointestinal, Haematopoietic, integumentary, Lymphatic, Musculoskeletal, Nervous, Ocular, Renal/Urinary, Reproductive, Respiratory

○ 각 처치 그룹별 다빈도 순위

- 상위 5개를 기준으로 하나 6, 7위 등과의 합계 차이를 고려하여 일부 그룹에 대해서는 5개 이하 또는 이상을 나열함

표 3. 마취 관련 처치

| | | |
|-------------|------------------------|------------|
| Anaesthesia | IV fluids | 정맥 내 수액 투여 |
| Anaesthesia | Preanesthetic sedation | 마취 전 진정 |
| Anaesthesia | Intubation | 기관카테터 삽관 |
| Anaesthesia | IV induction | 정맥 주사 유도 |
| Anaesthesia | Inhalant, 60 minutes | 호흡 마취, 60분 |

표 4. 백신

| | | |
|-------------|----------------------|----------------------|
| Vaccination | DHPPL(DHPP) vaccine | DHPPL(DHPP) 종합 백신 접종 |
| Vaccination | Corona vaccine | 코로나 바이러스 백신 접종 |
| Vaccination | Kennel cough vaccine | 켄넬코프 백신 접종 |
| Vaccination | Rabies vaccine | 광견병 백신 접종 |

표 5. 치과 처치

| | | |
|------------------|--|---------------------|
| Dental procedure | IVC and placement | 정맥 내 카테터 장착 |
| Dental procedure | Preanesthetic exam | 마취 전 검사 |
| Dental procedure | CBC with differential | 전체 혈구 계산 및 혈구 감별 검사 |
| Dental procedure | Chemistry panel with eight chemistries | 8종 혈청화학 검사 |
| Dental procedure | Preoperative pain medication | 수술 전 진통 처치 |
| Dental procedure | Anesthesia (30 minutes) | 마취(30 분) |
| Dental procedure | Postprocedure pain medication | 수술 후 통증 처치 |
| Dental procedure | Postprocedure antibiotics injection | 수술 후 항생제 주사 |

표 6. 기타 진단 서비스

| | | |
|--------------------|--------------------------------------|-----------------|
| Diagnostic service | Schirmer tear test | 쉬르머 눈물분비량 검사 |
| Diagnostic service | Corneal stain | 각막 염색 검사 |
| Diagnostic service | Ear swab exam/stain (otitis externa) | 귀 도말 검사/염색(외이염) |
| Diagnostic service | Tonometry | 안압 검사 |

표 7. 수액처치

| | | |
|---------------|--|----------------------------|
| Fluid therapy | 0.9% NaCl | 0.9% NaCl 수액 |
| Fluid therapy | Initial bag of fluids (assume 1,000 ml lactated Ringer's solution) | 초기 수액 (1,000 ml 링거젯산용액 가정) |
| Fluid therapy | Intravenous (IV) indwelling catheter | 정맥 내 유치 카테터 |
| Fluid therapy | Lactated Ringer's solution | 링거젯산용액 |
| Fluid therapy | Fluid infusion pump setup | 수액 주입 펌프 설치 |

표 8. 실험실 진단

| | | |
|-----------------|---|---|
| Laboratory test | Serochemistries | 혈청화학 검사 |
| Laboratory test | Complete blood count (CBC) (no differential) | 전 혈구 계산 (혈구 감별 검사 제외) |
| Laboratory test | CBC (automated) | 전 혈구 계산(자동) |
| Laboratory test | Electrolytes (assume sodium, chloride, and potassium) | 전해질 검사(Na,K,Cl) |
| Laboratory test | Urinalysis | 요검사 |
| Laboratory test | Heath exam – CBC with 8–12 chemistries | 건강 검진-전체 혈구 계산(8-12종 혈청화학 검사) |
| Laboratory test | Heath exam – CBC with 16–24 chemistries and T4 | 건강 검진-전체 혈구 계산 (16-24종 혈청화학 검사, T4 검사) |

표 9. 외과 수술

| | | |
|---------|-----------------------------------|-------------|
| Surgery | Ovariohysterectomy/neutralization | 난소자궁절제술/중성화 |
| Surgery | Skin tumor removal | 피부종괴 제거술 |
| Surgery | Anterior cruciate ligament repair | 전십자인대 제건술 |
| Surgery | Patella Luxation repair | 슬개골 탈구 교정술 |
| Surgery | Suture for laceration | 열상 봉합 |

표 10. 기타 처치(약물 등)

| | | |
|---------------------|---|----------------------------|
| Treatment procedure | Heartworm preventives | 심장사상충 예방약 |
| Treatment procedure | Flea and tick products | 벼룩 진드기용 제품 |
| Treatment procedure | Therapeutic diets | 처방식 |
| Treatment procedure | Prescription medications | 약물 처방 |
| Treatment procedure | Nonprescription grooming items (shampoo, ear cleaner, etc.) | 비처방식 단장 용품 (샴푸, 귀세정제 등) |

(3) 다빈도 질환 현황 조사 (반려동물 수의사 온라인 설문)

- 다빈도 질환 검토를 위해 대한수의사회를 통해 소동물 임상수의사 온라인 설문 진행
- 2019년 11월 9일 - 19일
- 총 462명 응답(총 3,865명 반려동물 병원 원장에 배포)
- 다빈도(빈발) 질환은 구체적인 순위보다는 그룹화 하는 것이 의미가 있을 것으로 보임
예) 최빈발 질환 20/ 빈발 질환 20
- 표에 정리한 11개의 다빈도 질환 이외에 비만, 구취, 치주질환, 위장염, 잔존유치, 농피증, 치과질환, 기침, 장염, 파행, 위염 등이 뒤를 이었음

표 11. 설문조사 결과 다빈도 질환

| 질환(건강이상, Disorder) | N | 평균 | 표준편차 |
|---|-----|--------|---------|
| 외이도염(Otitis externa) | 460 | 4.4065 | 0.75405 |
| 피부염(Dermatitis) | 460 | 4.3848 | 0.71232 |
| 소양증(Pruritus) | 460 | 4.3348 | 0.75616 |
| 구토(Vomiting) | 461 | 4.2082 | 0.75758 |
| 설사(Diarrhoea) | 460 | 4.1978 | 0.72460 |
| 발가락피부염(Pododermatitis) | 460 | 4.0848 | 0.80263 |
| 슬개골 탈구(Patellar luxation) | 461 | 4.0607 | 0.82922 |
| 과민성(알러지성) 피부 장애-기타 (Hypersensitivity (allergic) skin disorder - others) | 460 | 4.0522 | 0.83854 |
| 과민성(알러지성) 피부 장애 - 아토피 피부염(Hypersensitivity (allergic) skin disorder - atopic dermatitis) | 460 | 4.0196 | 0.84124 |
| 결막염(Conjunctivitis) | 461 | 4.0000 | 0.78574 |

3.2. 보건 의료분야에서의 표준화 체계 조사

(1) 질병관리 코드(한국표준질병사인분류체계, KCD-7)

- 현재 우리나라 진단명 분류 코드는 한국표준질병·분류인 KCD-7을 사용하고 있음. KCD-7은 기본적으로 WHO(World Health Organization)에서 관리하는 국제질병·사인분류인 ICD-10을 토대로 만들어졌음
- 진단명 분류에는 KCD-7을 주로 이용하고 있지만, 외국에서 사용되고 있는 질병군 분류체계인 DRG(입원환자분류체계), APG(외래환자분류체계)를 국내의 사정에 맞게 변형하여 개발한 KDRG(Korean-DRG), KAPG(Korean-APG) 또한 환자군 분류에 사용하고 있음

○ 개요

- 국제질병 사인분류(ICD-10)는 환자의 질병이환과 사망 원인 등에 관한 모든 자료를 성질의 유사성에 따라 체계적으로 유형화한 것
- 모든 형태의 보건, 인구동태 기록에 기재되어 있는 질병 및 기타 보건문제를 분류할 수 있음
- 질병·사인분류는 본래 사망신고서 작성을 위해 사망 원인을 분류하기 위해서 사용되어왔으나, 최근에는 사인뿐만이 아닌 질병의 진단을 위해서도 사용되고 있음 우리나라에서도 건강보험청구의 진단명 기재를 위해서 KCD-7이 사용되고 있음
- 2008년~2010년까지는 5차 개정판인 KCD-5, 2011~2015년까지는 6차 개정판인 KCD-6을 사용하였으며, 2016년 1월 1일부터 제 7차 한국표준질병사인분류체계(KCD-7)을 사용하고 있음
- 질병에 관한 통계적, 역학적 접근을 위해 KCD-7의 질병 구분은 다음과 같이 분류하였음
 - ▷ 유행성 질환(epidemic diseases)
 - ▷ 체질 또는 전신 질환(constitutional or general diseases)
 - ▷ 부위에 따른 국소질환(local diseases arranged by site)
 - ▷ 발육질환(developmental diseases)
 - ▷ 손상(injuries)

○ 기본 구조

- 위의 질병 구분을 기본으로 하여 KCD-7는 질병을 큰 분류별로 총 21개의 장으로 나누었음

표 12. KCD-7 전체적인 분류체계와 구조

| | | | |
|-----------------|--------|-----------------------------------|---------|
| 전신을 침해한 질환군 | I | 특정 감염성 및 기생충성 질환 | A00-B99 |
| | II | 신생물 | C00-D48 |
| 전신병적 질환군 | III | 혈액 및 조혈기관의 질환과 면역기전을 침범하는 특정 장애 | D50-D89 |
| | IV | 내분비, 영양 및 대사 질환 | E00-E90 |
| 인체 해부학적 계통별 질환군 | V | 정신 및 행동 장애 | F00-F99 |
| | VI | 신경계통의 질환 | G00-G99 |
| | VII | 눈 및 눈 부속기의 질환 | H00-H59 |
| | VIII | 귀 및 꼭지돌기의 질환 | H60-H95 |
| | IX | 순환기계통의 질환 | I00-I99 |
| | X | 호흡기계통의 질환 | J00-J99 |
| | XI | 소화기계통의 질환 | K00-K93 |
| | XII | 피부 및 피부및조직의 질환 | L00-L99 |
| | X III | 근육골격계통 및 결합조직의 질환 | M00-M99 |
| | X IV | 비뇨생식기계통의 질환 | N00-N99 |
| 분만·기형·신생아 질환 | X V | 임신, 출산 및 산후기 | O00-O99 |
| | X VI | 출생전후기에 기원한 특정 병태 | P00-P96 |
| | X VII | 선천 기형, 변형 및 염색체 이상 | Q00-Q99 |
| 기타 병태 | X VIII | 달리 분류되지 않은 증상, 징후와 임상 및 검사의 이상 소견 | R00-R99 |
| | X IX | 손상, 중독 및 외인에 의한 특정 기타 결과 | S00-T98 |
| 기타 분류 | X X | 질병이환 및 사망의 외인 | V01-Y98 |
| | X XI | 건강상태 및 보건서비스 접촉에 영향을 주는 요인 | Z00-Z99 |

- 이를 코드화했을 때 KCD-7 코드의 첫 번째 자리가 각 장을 의미하며, 첫 번째 코드는 알파벳 문자를 사용하고 있음
- 표에 나온 구분에서 각 장은 항목을 포괄할 수 있을 만큼 충분한 3단위 분류를 가지고 있으며, 추후에 있을 KCD 개정에 따른 항목의 추가 및 확장에 대비하여 여유를 갖고 있음
- 각 장에 존재하는 일부 3단위 분류는 질병의 빈도, 중등도, 공중보건 개입에 대한 민감성에 의해 선정된 단일병태를 위한 분류이다. 이 외에 나머지는 공통된 특성을 갖는 질병군을 위한 분류임
- 3단위 분류가 나타내는 질환들은 대부분 더 세분화하여 구분하게 되는데, 코드에는 3단위 코드 뒤에 소수점 첫째 자리에 숫자를 표기하여 구분하게 됨. 이를 4단위 세분류라고 이야기하며, 3단위 분류가 단일 질환일 때 해당 질환의 위치에 해부학적 위치를 구분하거나, 또는 해당 질환의 다양한 원인을 구분하기 위해서 사용

- 만약 4단위 세분류를 이용하여 새로운 축을 만들어 질환을 구분한 후에도 4단위 세분류 질환에 대한 또다른 분류가 필요하다면 5단위 세분류까지 이용할 수 있음. 이는 코드에 소수점 둘 때 자리에 숫자를 표기하여 구분

녹내장, Glaucoma (H40)

| 3단위 | | |
|-----|---|---|
| H | 4 | 0 |

원발성 폐쇄우각 녹내장, Primary angle-closure glaucoma (H40.2)

| 3단위 | | | 4단위 |
|-----|---|---|-----|
| H | 4 | 0 | 2 |

급성 폐쇄우각 녹내장, Acute angle-closure glaucoma (H40.20)

| 3단위 | | | 4단위 | 5단위 |
|-----|---|---|-----|-----|
| H | 4 | 0 | 2 | 0 |

그림 3. 단위 분류체계 사용 예시

[참고]

- 보건의료 용어표준(KOSTOM) : 보건복지부 고시로 보건의료정보시스템 간 상호 운용성 보장을 위하여 다양하게 표현되는 용어들에 대해 같은 의미를 지원할 수 있도록 개념화(대표어·동어)한 용어체계로 보건의료용어 321,217개 및 그림 540종을 포함(Ver4.0 기준)
- 한국표준 질병사인 분류(KCD) : 통계청에서 정확한 국가보건통계 생산을 위해 세계보건기구(WHO)의 국제질병분류(ICD)를 토대로 마련하였으며, 우리나라 실정에 맞게 기준 세분화 및 일부 희귀질환 등을 반영하여 현재 대분류 22개, 중분류 267개, 세분류 12,505개 등으로 분류
- International Classification of Diseases(ICD) : 세계보건기구(WHO)가 소관하는 세계 각국간의 사망 및 질병통계에 사용되는 분류로 10년마다 수정이 이루어짐.
- Systematized Nomenclature Of Medicine -Clinical Terms(SNOMED-CT) : 전세계 50여 국가에서 사용되는 국제적인 임상용어 표준으로 나라별 언어와 보건정보 시스템을 체계화해 전자 건강기록 임상정보를 국제적으로 교환, 분석할 수 있게 함

(2) 행위분류 코드 체계

- 질병에 대한 진단명을 분류하기 위한 질병 코드 체계와는 다르게 진료를 보면서 의료인이 행한 행위를 코드화
- 미국 등 해외 국가에서 의료행위분류 코드 체계를 사용하고 있음. 그 중 가장 대표적으로

사용되는 미국 ICD-10-PCS 체계는 국내 의료계에서도 활용됨. 입원환자를 대상으로 행해진 의료행위에 대한 수집, 의료비 지불의 결정, 전자의무기록 지원을 위해 의료행위 분류 코드를 개발하여 사용함

표 13. 국가별 의료행위분류

| 국가 | 분류체계 | |
|-----|----------------|--|
| 미국 | ICD-10-PCS | International classification of disease-10-procedure coding system |
| | ICHI | International classification of health intervention |
| | CPT | Current procedural terminology |
| | HCPCS | Healthcare common procedure coding system |
| | CDT | Current dental terminology |
| 캐나다 | CCI | Canadian classification of health interventions |
| 호주 | ACHI | Australian classification of health interventions |
| 스위스 | tarif dentaire | Switzerland tarif dentaire |

- 국내에서는 주로 진료비 청구를 위해서 사용하고 있으며, 건강보험 급여에 해당하는 의료행위를 건강보험요양급여목록에 따라 구분하고 있음
 - 하지만 최근 비급여 목록에 대한 공개가 이루어지면서 비급여 목록에 해당하는 의료행위도 코드화되어 공개되고 있음
 - 건강보험요양급여목록 외에도 한국에서는 다음과 같은 의료행위 분류체계를 사용하고 있음

표 14. 한국 의료행위 분류체계

| | |
|---|---|
| 1 | 건강보험요양급여목록 |
| 2 | KCPD (Korean Classification of Procedures in Dentistry, 한국 표준 치과 의료행위 분류) |
| 3 | KCPM (Korean Classification of Procedures in Medicine, 한국 표준 의료행위 분류) |
| 4 | KCPT (Korean Current Procedure Terminology, 한국형 행위 분류체계) |
| 5 | KOPG (Korean Outpatient Group, 외래환자분류체계) |

1) 미국 ICD-10-PCS

○ 개요

- 미국 연방정부 보건복지부 (U.S. Federal Government's Department of Health and Human Services, DHHS)산하의 CMS(The Centers for Medicare and Medicaid Services) 및 NCHS(National Center for Health Statistics)에서 경우 병원 급여를 위해 입원환경에서 수행되는 의료행위에 대한 분류체계를 제공하고 있음

- ICD-10-PCS는 행해지는 모든 의료행위에 대한 자료수집, 지불비용 결정, 의무기록 작성을 위해 사용되고 있음

○ 기본 구조

- ICD-10-PCS의 기본코드는 7개 자리의 용어로 구성됨. 각 자리의 용어는 모두 특정한 의미를 갖음. 코드를 정할 때는 첫째 자리부터 의미하는 문자/숫자를 선택하고 순차적으로 마지막 자리까지 선택

표 15. ICD-10-PCS 코드 구조

| 첫째 자리 | 둘째 자리 | 셋째 자리 | 넷째 자리 | 다섯째 자리 | 여섯째 자리 | 일곱째 자리 |
|-----------------|-----------------------|--------------------------|---------------------|--------------------|----------------|--------------------|
| 부분 (Section) | 신체계통 (Body system) | 루트수술 (Root operation) | 신체부분 (Body part) | 접근방법 (Approach) | 장치 (Device) | 한정어 (Qualifier) |

표 16. ICD-10-PCS 첫 번째 자리 부문 내용

| 부문 | 첫째 자리(부분, Section) 내용 |
|----|---|
| 0 | Medical and surgical (내과적 및 외과적) |
| 1 | Obstetrics (산과적 시술) |
| 2 | Placement (배치) |
| 3 | Administration (투여) |
| 4 | Measurement and Monitoring (측정 및 모니터링) |
| 5 | Extracorporeal Assistance and Performance (체외 보조 및 수행) |
| 6 | Extracorporeal Therapies (체외 치료) |
| 7 | Osteopathic (정골의학적 시술) |
| 8 | Other Procedures (기타 시술) |
| 9 | Chiropractic (지압) |
| B | Imaging (영상의학) |
| C | Nuclear Medication (핵의학) |
| D | Radiation Oncology (방사선 종양학) |
| F | Physical Rehabilitation and Diagnostic Audiology (재활의학 및 진단적 청력학) |
| G | Mental Health (정신건강) |
| H | Substance Abuse Treatment (물질남용 치료) |

표 17. ICD-10-PCS

| 첫째 자리 | 둘째 자리 | 셋째 자리 | 넷째 자리 | 다섯째 자리 | 여섯째 자리 | 일곱째 자리 |
|--|--|--------------------|---------------------|----------------------|----------------|-----------|
| Medical and surgical | Body system | Root Operation | Body Part | Approach | Device | Qualifier |
| Obstetrics | | | Body Region/Orifice | | | |
| Placement | Anatomical Region | | Body System | | Substance | |
| Administration | Physiological System and Anatomical Region | | Body System | Function/Device | | |
| Measurement and Monitoring | Physiological System | | Body System | Duration | Function | |
| Extracorporeal Assistance and Performance | | | | | Qualifier | |
| Extracorporeal Therapies | | | Anatomical Region | Body Region | Approach |  | Method |
| Osteopathic | | | | | | |
| Other Procedures | | | | | | |
| Chiropractic | Anatomical Region | | Root Type | Body Part | Contrast |  | Qualifier |
| Imaging | Body System | Radionuclide | | | | |
| Nuclear Medication | | Modality Qualifier | | | Isotope | |
| Radiation Oncology | | Section Qualifier | | Body System & Region | Type Qualifier | Equipment |
| Physical Rehabilitation and Diagnostic Audiology | Body System | | | Type Qualifier | Qualifier | Qualifier |
| Mental Health | | Body System | | Type Qualifier | Qualifier | Qualifier |
| Substance Abuse Treatment | | | | | | |

○ ICD-10-PCS의 주요 특징

- ICD-10-PCS는 시술의 접근방법, 상세한 해부학적 위치, 사용하는 재료 등 시술의 특성을 다차원적으로 분류할 수 있는 선진 분류체계로서 각각의 시술에 대해 유일한 코드를 갖고 있음
- 새로운 시술에 대해 새로운 코드를 쉽게 부여할 수 있는 장점을 갖고 있음
- 의료용어 중 특정 단어는 다양한 의미를 나타낼 수 있지만, ICD-10-PCS에 사용되는 특정 단어는 그 자체에 단독 의미를 부여함
- 즉, ICD-10-PCS는 모든 시술에 유일한 코드를 갖는 완전성(Completeness), 다축적인 코드구조를 사용하기 때문에 새로운 코드를 추가할 수 있는 확장성(Expandability), 표준화된 용어로 사용(Standardized terminology)이라는 특징이 있음

○ ICD-10-PCS의 부가적 특징

- ICD-10-PCS는 표준화된 용어를 사용하기 때문에 인명 명명법이나 특정 시술명(예> phacoemulsification)을 제공하지 않음. 하나의 코드는 하나의 procedure를 의미하고 병합코드가 존재하지 않음
- 각 코드에 표준화된 수준의 상세성을 부여하기 때문에 더 상세한 수준에 대한 코드화는 불가능함. 또한, ICD-10-PCS는 코드 내부에 진단에 관한 정보가 없어서 환자의 질환 및 진단 정보가 포함되지 않음

2) 한국 건강보험요양급여비용

○ 개요

- 건강보험요양급여비용은 앞서 언급한 바와 같이 국내에서 행해지는 의료행위 중 급여목록에 해당하는 것들을 코드화 시킨 것
- 비급여 항목에 대한 의료행위는 다른 코드구조를 통해서 분류하고 있음

○ 기본 구조

- 코드의 자리수는 보험등재약의 경우 9자리, 공상수가의 경우 5자리, 준용코드의 경우 6자리를 사용함. 이를 제외한 모든 코드는 8자리이며, 이 중 수가코드는 산정지침과 관련이 없는 경우 기본 5자리로 구성되어 있고, 산정지침이 적용되는 경우는 8자리 코드를 사용하고 있음
- 기본 코드는 각 장별 분류행위에 부여된 코드 5자리로 이루어져 있음

표 18. 건강보험요양급여비용(의·치) 수가코드 구조

| 자릿수 | 기본코드 | | | | | 산정코드 | | |
|-----|------|------|------------|---|------|------|-----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 구조 | 대분류 | 분류번호 | | | 일련번호 | 코드1 | 코드2 | 코드3 |
| 내용 | 장구분 | 급여구분 | 일련번호(세부구분) | | | 의미1 | 의미2 | 의미3 |
| | 해부학 | | | | | | | |

- 대분류는 진료행위에 따라 알파벳 A~Z의 범위를 갖고 있고, 분류번호는 001~999 또는 A01~Z99까지의 범위를 가지고 있음
(일부 구분에 따라 첫째 자리의 알파벳과 둘째 자리의 분류번호 알파벳까지를 대분류로 구분하기도 함)
- 위 대분류 분류에 따라 각 항목별로 분류번호와 일련번호가 붙음으로써 기본코드가 완성됨. 분류번호 및 일련번호는 최대한 비슷한 행위끼리 묶여있지만, 최근에 추가된 항목들의 경우 순서대로 번호가 부여되는 형식이기 때문에 비슷한 시술임에도 코드 번호에 차이가 날 수 있음

※ 건강보험요양급여비용 코드 예시

예) 수정체 낭외 또는 냉내 적출술: S5111

수정체 유화술: S5119

후발성 백내장 수술: S5112

표 19. 건강보험요양급여비용 대분류 코드

| | 진료행위명 | 대분류 |
|--------|---|-----|
| 기본 진료료 | 진찰료 | AA |
| | 입원료 | AB |
| | 집중치료실입원료 고위험임산부 집중관리료 야간진료관리료 야간전담간호사 관리료 입원환자 안전관리료 수면검사실 관리료 소아 진정관리료 | AC |
| | 무균치료실 입원료 | AD |
| | 회송료 | AE |
| | 낮병동입원료 | AF |
| | 신생아입원료 | AG |
| | 협의진찰료 | AH |

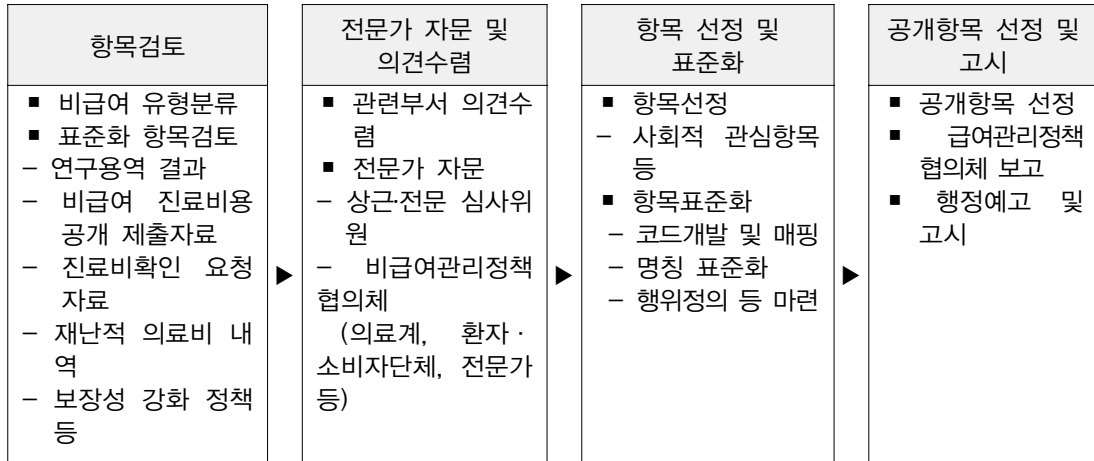
| | | |
|------------------|---|--------------------|
| | 만성관리료 감염예방·관리료 | |
| | 집중영양치료료 다학제 통합진료료 뇌사장기기증자 관리료 비만수술 통합진료료 | AI |
| | 중환자실입원료 | AJ |
| | 격리실입원료 | AK |
| | 의약품관리료 | AL |
| | 보육기 | AM |
| | 가정간호 기본방문료 | AN |
| | 납차폐특수치료실 입원료 | AQ |
| | 회복관리료 외래항암주사관리료 항암화학요법 부작용 및 반응 평가료 정신의학적 집중관리료 치과 집중관리료 치과 안전관찰료 정맥내 혈전용해술 관리료 | AP |
| | 의료질평가지원금 전문병원 관리료 전문병원 의료질평가 지원금 | AU |
| | 교육·상담료 | AZ |
| 검사료 | 검체 검사료 | B, D |
| | 병리 검사료 | C |
| | 기능 검사료 | E, F |
| | 내시경, 천자 및 생검료 | C, E |
| | 초음파 검사료 | EB |
| 영상진단 및 방사선치료료 | 방사선단순영상진단료 | G |
| | 방사선특수영상진단료 | HA, HI, HJ, HE, HF |
| | 핵의학영상진단 및 골밀도검사료 | HC, HX, HY, HK |
| | 방사선치료료 | HD, HX, HY |
| 투약 및 조제료 | 조제료 | J |
| 주사료 | 주사료 | KK |
| | 채혈 및 수혈료 | X |
| 마취료 | 마취료 | L, LX |
| | 치과마취료 | L |
| | 신경차단술료 | LA, LB, LX, LY |

| | | |
|-------------|---|------------------|
| 이학요법료 | 기본물리치료료 | MM |
| | 단순재활치료료 | MM, MX |
| | 전문재활치료료 | MM |
| | 기타 이학요법료 | MM, MX |
| 정신요법료 | 정신요법료 | NN |
| 처치 및 수술료 등 | 기본 및 응급처치, 중재적방사선시술 | M, S, SA, SB, SC |
| | 피부, 유방, 근골격계 | N |
| | 코, 후두, 기관, 기관지, 폐, 흉곽, 순환기 | O |
| | 비장, 림프절, 내분비기 | P |
| | 입 이하선, 인두, 편도, 식도, 위, 장, 장간막, 허니아, 직장, 항문, 간, 담낭, 담도췌장, 소화기내시경하시술 | Q |
| | 비뇨기, 남성생식기, 여성생식기, 임신, 분만 | R |
| | 신경, 감각기 | S |
| | 캐스트 | T |
| 치과 처치·수술료 | 치아질환 처치 | U, UH, UX |
| | 수술 후 처치, 치주조직의 처치 | U, UH, UX |
| | 구강악안면 수술 | U, UX, UY |
| | 치주질환 수술 | U, UX, UY |
| | 보철물의 유지관리 | U |
| 조산료 | 조산료 | V |
| 보건기관의 진료수가 | 보건기관의 진료수가 | W |
| 한방 시술 및 처치료 | 한방 시술 및 처치료 | - |
| 약국 약제비 | 약국 약제비 | Z |

[참고]

□ 건강보험심사평가원 비급여진료항목 표준화사업

- (목적) 비급여 진료는 건강보험 급여비용 청구와 연계·관리되지 않아 의료기관별로 관리코드·명칭·정의 등이 제각각으로 표준화 필요
- (경과) 환자안전 및 사회적 이슈, 보장성 강화 정책 등을 반영한 비급여 항목 표준화
 - (' 15년) 29항목 → (' 16년) 59항목 → (' 17년) 100항목
- (표준화 절차)



○(표준화 예산)

(단위: 백만원)

| 사업명 | 예산 | 사업내용 |
|-----------|-------|---|
| 계 | 1,760 | |
| 대내·외 의견수렴 | 15 | 간담회, 자문회의 등 |
| 홍보사업 | 40 | 홍보물 제작 TV, 라디오, 인터넷 광고 등 |
| 만족도조사 | 15 | 국민 등 만족도조사 |
| 설명회 | 40 | 안내문 제작 및 발송 설명회 책자, 장소임차 등 |
| 제출자료 검증 | 50 | 외부용역 인력 |
| 시스템구축 | 1,100 | Hardware, Software 응용개발, 감리비, 프로그램 유지보수 등 |
| 연구사업 | 500 | 표준화, 분류체계, 공개방법 등 연구용역 * 대상기관: 3,700개 병원, 진료항목: 107항목 기준 |

3) 한국 표준 치과 의료행위 분류체계⁶⁾ (2016~2017)

○ 개요

- ‘건강보험요양급여비용’을 사용할 때 시술방법 구분, 수가코드의 확장성 및 다수의 준용 수가 등 분류원칙과 관리체계의 일관성 결여 및 행위 정의 불명확성 등 한계점이 있다고 판단하여 새로운 분류체계를 고안하였음
- 새로운 분류체계는 급여 뿐 아니라 비급여를 포함한 통합적 행위분류 및 행위정의의 개발·변경·삭제 등 지속적으로 관리할 체계 및 기전을 제공하기 위한 목표를 갖고 있음
- 현재 국내에서 사용하는 다양한 행위분류체계 코드들을 분석하고 한계점을 파악하였고, 해외에서 사용하는 행위분류체계(ICD-10-PCS, ICHI, CPT 등)를 분석하여 실제 치과에서 사용하기에 알맞은 코드를 제시하였음

○ 기본 구조(제안 코드)

- 제안 코드에서 제일 첫 자리 ‘장구분’은 기존의 한국 건강보험요양급여목록의 장 구분을 참고하여 A~Q까지 알파벳을 붙여 문자로 구분하였음
그 중 치과처치 및 수술료를 알파벳 I로 분류하였음
- 새로운 한국 표준 치과 의료행위 분류체계의 총 코드 자리 수는 10 자리이며 10 자리 중 기본코드는 7자리와 확장코드 3자리로 구성되어짐
- 코드구조의 분류는 장구분, 행위대분류, 행위중분류(행위성격), 기본코드, 추가코드, 급여구분, 산정코드로 분류
- 코드 구성은 숫자 0~9, 알파벳 A~Z까지 사용되며 알파벳 I 와 O는 숫자 1, 0과 유사하므로 장 구분을 제외하고 사용하지 않으며 Null 값에는 코드 Z를 사용
- 기본코드에는 숫자를 사용하여 2자리 기본코드를 각각 구성함, 코드를 구성시에는 뒤에서부터 번호를 대입하여 구성, 추가코드는 1자리 숫자로 구분
산정코드의 다름으로 인해 겹치는 코드가 존재할 수 있으나, 현 산정코드를 추가코드로 분류해 구별 가능

6) 이정윤(2017). 한국표준치과의료행위 분류체계 개선 연구. 건강보험심사평가원

표 20. 치과 의료행위 분류체계 코드 제안(안)

| 자리 | 기본코드 | | | | | | | 확장코드 | | |
|----|------|------------------|---|-------------|-------------|-------------|--|---------|---------|---------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 구조 | 장구분 | 행위대분류 | 행위중분류 | 기본코드 | | 추가코드 | 급여구분 | 산정코드 | | |
| 내용 | 1 | A: 치주 및 예방 | A: 예방 B: 치주치료 | 0 ~ 9 | 0 ~ 9 | 0 ~ 9 | 1: 급여 2: 비급여 3: 100/100 4: 기타 | 의미 1 | 의미 2 | 의미 3 |
| | | B: 보존 | A: 치아충전 B: 근관치료 | | | | | | | |
| | | C: 보철 | A: 완전가철성보철수복 B: 부분가철성보철수복 C: 고정성보철물수복 D:치과임플란트와 보철 E: 보철물의 제거, 수리 및 조정 | | | | | | | |
| | | D: 치과교정 | A: 치아교정 | | | | | | | |
| | | E: 구강내과 | A: 측두하악장애 및 안면통 | | | | | | | |
| | | F: 구강악안면 수술 및 처치 | A: 절체 혹은 적출술 B: 고정 혹은 정복술 C: 치환 혹은 성형술 D: 발치 E: 소염, 봉합, 절개, 패쇄, 이식 등 기타 소수술 F: 구강안면외과 일반처치 | | | | | | | |
| | | G: 치과 기타처치 | A: 치과 기타처치 | | | | | | | |

- 확장코드는 기존의 산정코드 내용을 참고하여 사용예정이나 현재는 사용하지 않음. 산정 코드의 내용에 따라 별도코드를 매길지 산정코드를 기본 코드에 포함 시킬지는 추후논의의 여지를 남김
- 새로운 의료행위에 대한 코드 생성은 각각의 행위분류에 맞는 분류를 통해 비어있는 번호로 생성
- 마지막으로 추후에 급여·비급여 항목의 통합으로 인한 코드관리 시 다음과 같이 제시한 코드에 치아번호와 해부구조를 추가하여 사용하는 것을 제시하였음
- 기존 IBA02Z2 (I:치과처치 및 수술료, B: 보존, A: 치아충전, 02:기본코드, Z: 추가코드 없음, 2: 비급여)에 6, 7번째 코드에 치아번호를 추가였고 8번째 코드에 해부구조를 추가하였음

표 21. 치과 행위분류 코드 확장 제안(안)

| 기본코드 | | | | | | | | | |
|------|-----------|-----------|------|---|------|---|----------|----------|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 장구분 | 행위대 분류 | 행위중 분류 | 기본코드 | | 치아번호 | | 해부 구조 | 추가 코드 | 급여 |
| I | B | A | 0 | 2 | 2 | 4 | A | Z | 2 |

4) 한국 표준 한의과 의료행위 분류체계 (2017)⁷⁾

○ 개요

- 의·치과와 마찬가지로 한의과도 기존의 행위 분류체계에 대한 개선점을 파악하고 새로운 행위분류 체계를 제시한 연구
- 기존 행위 분류체계(건강보험요양급여비용)에서 '의료행위 코드 누락, 분류기준의 비일관성, 비독립적 코드, 세분화 및 한의학적 특성 반영 미비'와 같은 문제점들이 식별되었음
- 이에 '다축적인 코드 구조를 활용, 일관된 분류원칙, 3 axis 행위정의 활용을 통한 분류체계-행위정의간 연계, 한의과 의료행위의 특성 반영, 건강보험요양급여비용 코드 연계성 고려, 통합적 세분류 코드 적용, 표준적 행위명 제시'와 같은 특성들을 모두 고려하여 새로운 코드체계를 제안하였음

7) 대한한의학회 (2017). 한국표준 한의과 의료행위 분류체계 개선 연구. 건강보험심사평가원.

○ 기본 구조(제안 코드)

표 22. 한의과 의료행위 분류체계 코드 제안(안)

| 자리 | 1 | 2 | 3 | 4 | 5 |
|------|-----------|----------|----------|----------|-----|
| 분류영역 | 대분류 | 중분류 (행위) | 소분류 (방법) | 세분류 (대상) | 수식자 |
| 표기방식 | A | NN | AN | AN | A |
| 예시 | ANNAN-ANA | | | | |

표 23. 한의과 의료행위 분류체계 코드 중 대분류 분류

| 코드 | A | B | C | D | E | F | G | H |
|------|----------|----------|----------|----------|----------------|----------------|----|------------|
| 대분류명 | 기본 진료 | 한방 검사 | 변증 기술 | 한방 시술 | 한방 물리 요법 | 한방 정신 요법 | 처치 | 투약 및 조제 |

- 대분류

- A: 숫자와 혼동이 가능한 I와 O를 제외한 알파벳 대문자를 사용
 - N: 1~9의 숫자를 사용하며, 부족한 경우 알파벳을 확장하여 사용
 - O: 해당 분류에 특별히 표기할 내용이 없는 경우 '해당없음'으로 표기하고 해당코드 적용
- 중분류: 3 axis 행위정의 중 '행위'에 해당하여 행위의 핵심적인 속성을 기준으로 분류를 수행하며, ICHI의 기준에 따라 관리, 치료, 보조, 조사, 정보제공에 해당하는 행위적 속성에 따라 분류를 수행하였음
 - 소분류: 3 axis 행위정의 중 '방법'에 해당하여 행위의 세부적인 방법을 기준으로 분류를 수행하였음. ICHI의 기준에 따라 기술, 방법 도구를 중심으로 서술하여 행위정의 및 소분류의 분류기준으로 설정하며, 이밖에도 접근경로, 화학물질, 한약물 등에 대한 기술을 바탕으로 행위를 구분함
 - 세분류: 행위정의 3 axis 중 '대상'에 해당하며, 해부학적 분류가 필요한 경우 통합적인 해부학적 부위 코드를 적용하여 표기함
 - 수식자 : 앞의 4개 영역으로 기술되지 못한 개별행위의 세부적인 속성을 반영할 수 있는 분류를 표기하도록 하여, 세부적인 경혈·중별가산 요소 등의 표기에 활용하였음

[참고]

한의학 분야 표준임상진료지침 추진계획(안)

- 계획 수립 (' 15.8~' 16.1)
 - (질환선정) 진료지침 개발이 시급한 질환 30개 선정
 - 신규 진료지침 개발 20건, 기존 진료지침 활용 10건
 - (개발방식 확정) 범한의계 의견을 취합하여 개발 방법 확정
 - ※ 질환선정 및 개발방식 확정을 위해 정책연구용역 수행 (' 15.8~12, 대한한의학회)
- 진료지침 개발 (' 16~' 21년)
 - (기존 개발 진료지침, 10건) ' 16~' 18년(3년간) 임상연구 실시
 - (신규 개발 진료지침, 20건) 10건씩 순차적 2년간(' 16~' 18년) 진료지침 개발 후, 이를 토대로 3년간(' 18~' 21년) 임상연구 실시
- 보급·활용·사후관리 등 (' 17년~)
 - (인프라) 진료지침 DB 구축, 관리, 개정 등을 위한 정보센터 구축(' 16~17년)
 - 임상시험을 체계적으로 지원할 지역한방임상센터 개소(' 18년~)
 - (보급·활용) 개발·검증된 진료지침을 토대로 대학·보수교육 자료 개발, 공사보험 수가 개발 및 시범사업 실시 등 (' 17년~)

〈 표준임상진료지침 추진계획(안) 〉

| 구분 | | ' 16년 | ' 17년 | ' 18년 | ' 19년 | ' 20년 | ' 21년 |
|------------|------|-----------|--------------------------|-------------------|-------------------|-------------------|-------|
| 기존 진료지침 | 임상연구 | 10개 | 10개 | 10개 | | | |
| | 개발 | 10개 | 10개+10개 | 10개 | | | |
| 신규 진료지침 | 개발 | | | 10개 | 10개+10개 | 10+10개 | 10개 |
| | 임상연구 | | | | | | |
| 인프라 | | 임상정보센터 구축 | | 지역임상센터 개소(경희대) | 지역임상센터 개소(원광대) | 지역임상센터 개소(대전대) | |
| 보급·활용 | | 준비 | ← 교육자료 개발, 수가개발 및 시범사업 → | | | | |

(3) 임상진료지침(Clinical Practice Guideline, CPG) 개발⁸⁾

1) 임상진료지침(이하 CPG)의 정의

- 임상진료지침은 “보건의료 제공자의 의사결정에 도움을 주기 위해 과학적 근거를 검토하여 체계적으로 개발된 권고와 관련 내용을 기술한 것”이라고 정의하며, 증거의 체계적인 검토와 대체 진료옵션의 유익성과 위해성을 평가하여 진료를 최적화하기 위한 권고사항을 나타내는 것
- IOM 2011의 Clinical Practice Guideline We Can Trust에서 “임상진료지침은 체계적인

8) 본 내용은 연구팀의 워크숍 (2020년 1월 30~31일, 근지암리조트) 결과를 정리한 것임(첨부 2. 워크숍 자료). 구체적인 자료는 임상진료지침 실무를 위한 핸드북 (한국보건의료연구원, 2015)

근거의 검토와, 대체할 수 있는 치료 방법에 대한 이점과 해악에 대한 평가를 통해 환자를 치료하기 위한 권장 사항을 포함하는 것” 이라고 정의함

- 이러한 임상진료지침을 통해서 환자 스스로가 의학적인 의사결정을 하는 경우 도움을 줄 수 있으며, 보건의료 제공자와 환자의 의사소통에도 도움을 줄 수 있다. 또한 임상진료지침은 보건의료 인력의 교육에도 쓰일 수 있음
- 의료계에서는 표준진료지침(Clinical/Critical Pathway, CP) 또한 개발하고 있는데, CP는 질환별 CPG를 기초로 하여 개별 병원에서 적정 진료를 행할 수 있도록 질환 및 수술 별 진료의 순서와 치료 시점, 진료행위 등을 미리 정해둔 표준화된 진료 과정을 의미
- CP(표준진료지침)와 CPG(임상진료지침)은 모두 진료의 지침을 나타낸다는 점에서 비슷한 맥락을 갖지만, CP는 개별 병원에서 사용하기 위한 자료이며 반드시 CP에 사용되는 CPG의 개발이 선행되어야 함

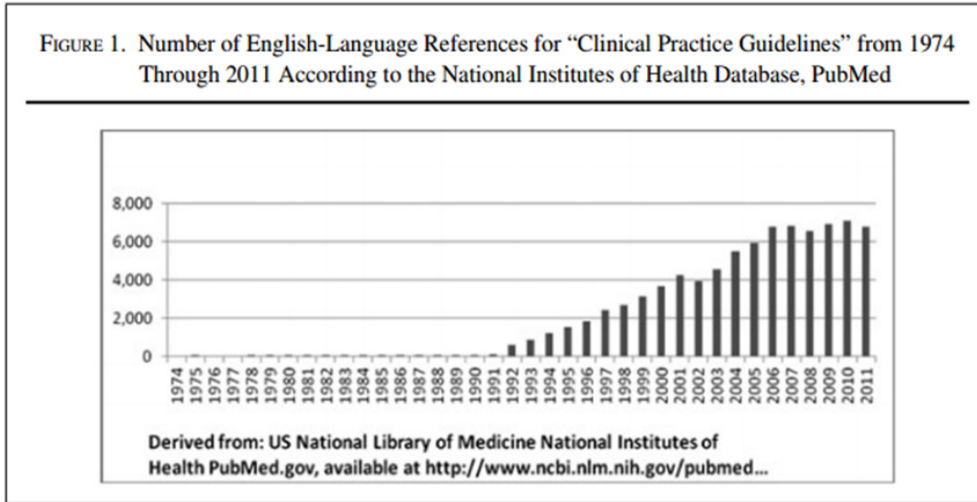
2) CPG의 특성

- CPG는 반드시 다음과 같은 요소들을 포함함
 - ① 근거에 기반한 개발
 - ② 대표성을 가진 다학제 전문가에 의한 개발
 - ③ 환자의 선호도나 가치를 고려
 - ④ 이해상충의 관리
 - ⑤ 개정에 대한 명시
 - ⑥ 권고안 표현의 명확성
 - ⑦ 적절한 권고 도출과 내용
 - ⑧ 권고강도와 근거수준의 제시
 - ⑨ 진료지침 범위에 대한 명확한 제시
 - ⑩ 실행에 대한 고려

3) 임상진료지침 개발 배경 및 경향

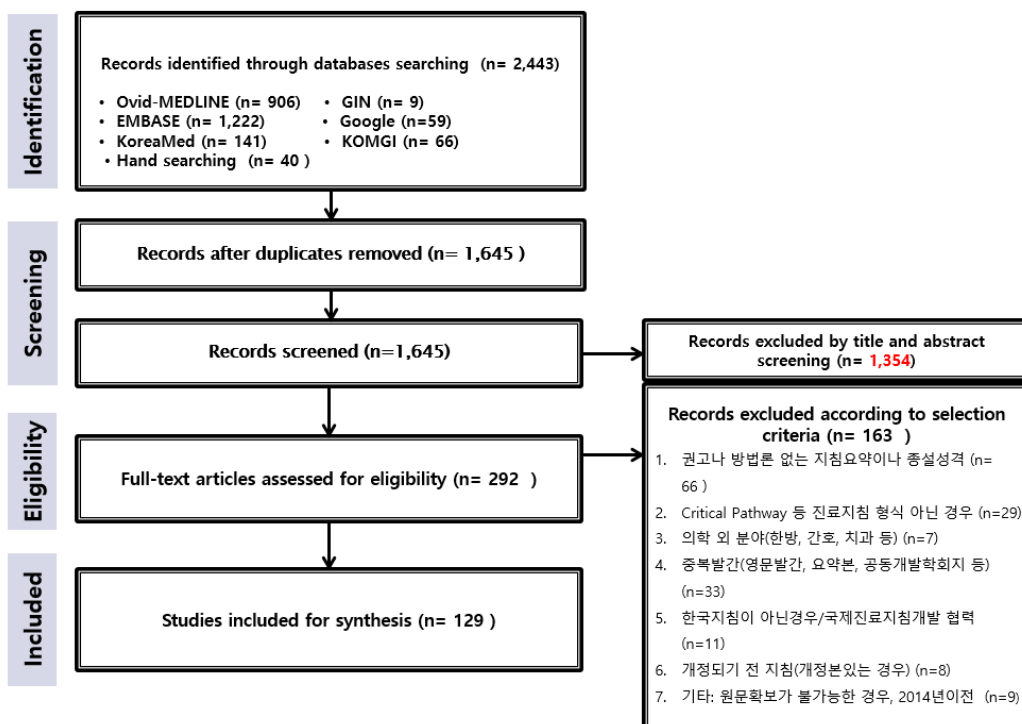
- 1990년대까지 의학에서의 임상적 의사결정은 주로 경험과 기술에 따라 이루어졌음. 또한 대부분의 의학 실무는 대가에게 배우는 것이 일반적이었고, 전문가의 의견에 근거한 진료가 표준적인 진료라고 생각되었음. 하지만 1970년대 진료의 variation이 너무 커서 심각성을 인지하게 되었고, 1980년대에는 coronary angiography, carotid endarterectomy와 같은 부적절한 시술 등이 시행됨
- 이에 EBM(Evidence based medicine)이 중요하게 떠올랐고 pubmed와 같은 관련 문헌 data base가 정립되었음. 동시에 문헌 검색, 문헌 평가 등 EBM 방법론이 도입되었고, 점차 체계적 문헌고찰 방법론이 정립되고 발전되었음. 이 외에도 Systematic review라고하는 문헌 고찰을 기초로 한 임상진료지침의 개발이 이루어지기 시작함

- 임상진료지침은 미국과 유럽에서 진료의 variation을 줄일 수 있고, 급격한 문헌 증가 및 전문학회의 제한적인 활동에 대한 문제를 해결하기 위해 1990년대에 폭발적으로 증가함

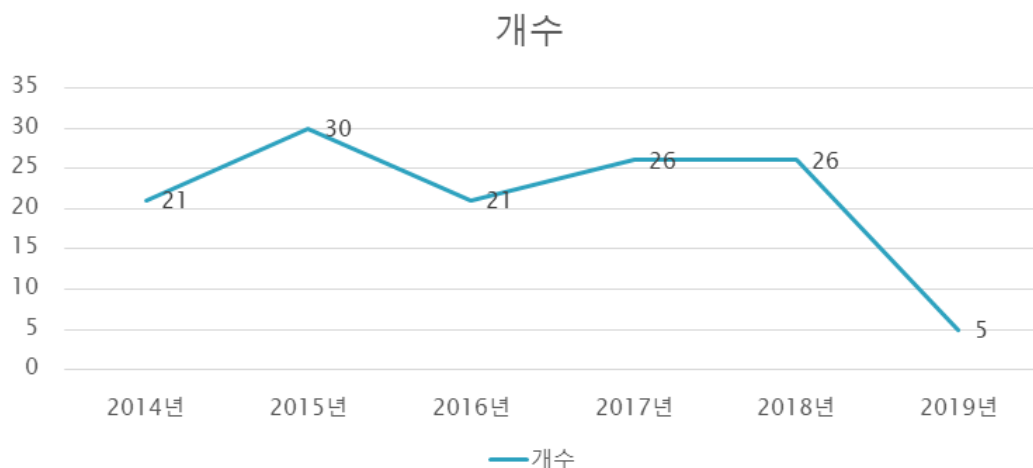


(참고: Chris Taylor, *Journal of Legal Medicine* 2014, 25, 273–290)

- 2014년도에 한국보건의료연구원(National Evidence-Based Healthcare Collaborating Agency, NECA)에서 2000~2014년 사이에 개발되었던 국내 임상진료지침에 대해서 조사하였고, 2019년도에 대한의학회에서 2014~2019년 사이에 개발되었던 국내 임상진료지침에 대해서 조사함
- 대한의학회에서 진행한 2014~2019년 사이에 조사했던 임상진료지침은 다음과 같이 129개로 조사됨



- 선별된 129개의 임상진료지침은 연도별로 다음과 같이 개발되었음. 1년에 20~30개 사이의 임상진료지침을 개발 중이며, 2019년 4월에 조사하였기 때문에 2019년 개발 건수는 5건으로 표기됨



- 2004년부터 2018년 사이에 개발되었던 임상진료지침의 기간별 개발 건수를 보면 아래와 같으며 개발 초기보다 많이 증가하는 경향을 확인할 수 있음

| 개발연도 | 임상진료지침 수 | (%) |
|-------------|----------|-------|
| 2004 - 2008 | 42 | 15.05 |
| 2009 - 2013 | 112 | 40.14 |
| 2014 - 2018 | 125 | 44.80 |
| 전체 | 279 | 100 |

- 국내에서 발간한 임상진료지침은 예전에는 완전판으로 개발되는 경향을 보였지만 최근에는 주로 논문이나 요약본 형태로 작성되어 게재되는 경향을 보였음

4) CPG 개발방법의 종류

○ De novo development (직접개발)

- 기존의 문헌들을 체계적으로 고찰하고, 일차 연구 등을 체계적으로 검색, 평가, 종합하여 해당 질문에 대한 권고를 도출하는 것이다.

○ Adaptation (수용개작)

- 하나의 문화적, 제도적 상황에 맞게 개발된 진료지침을 다른 의료상황에서 그대로 사용하

거나 변경하여 사용하는 체계적인 접근법

- 기존에 개발된 양질의 진료지침을 효율적으로 활용 (진료 가치의 타당성을 훼손시키지 않는 범위에서 의료 현실에 맞도록 변경 혹은 수용함으로써 최종 권고안이 지침 사용 지역의 요구, 우선순위, 법적, 정책적 요구사항, 자원함의 등을 만족하도록 하는 것)

○ Hybrid (신규개발+수용개작)

- 기존의 지침을 수용개작적인 방법론을 적용하여 만들되, 기존 수용개작 대상 지침에는 포함되지 않은 별개의 핵심질문을 만들고 이에 대해서는 직접개발 방식으로 근거를 평가하여 권고안을 작성하는 방법

5) CPG 개발방법

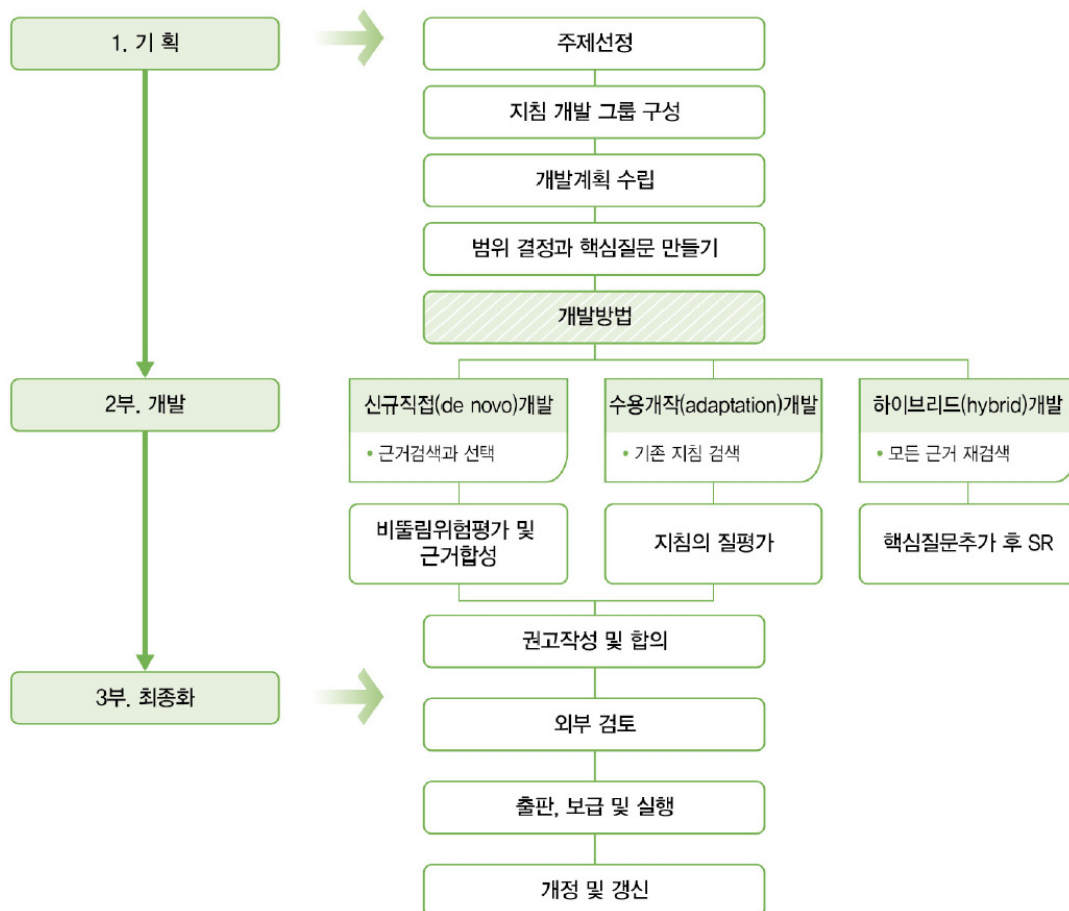


그림 4. CPG 개발의 흐름 (한국보건의료연구원, 2015)

○ 기획

- 개발 그룹 결성

- 개발그룹은 다학제성(지침의 모든 이해 당사자가 참여하고 지침의 범위 유연성, 지침실행을 고려), 대표성, 지속성과 같은 구성원칙을 지켜야 함
- 개발그룹에는 개발그룹의 리더, 임상 의사, 다른 보건의료인(간호사, 약사, 영양학자, 의사 등), 방법론 전문가(체계적 고찰 전문가, 정보관리자, 역학자 등)이 포함되어야 함
- 개발그룹에서의 기획업무 중 이해관계에 대한 선언이 존재하는데, 이는 임상 진료지침을 개발함으로써 발생할 수 있는 이해관계(재정적 이해 상충, 개인적 이해상충, 지적 이해상충 등)를 조율하고 결정하는 것을 의미함

- 국내의 임상진료지침 개발을 주도하는 이른바 개발 주체는 다음과 같음

| 개발기금 | 2000 - 2008 | 2009 - 2014 (July) | 2014 - 2019 (Apr) |
|----------------------|-------------|--------------------|-------------------|
| 1.Public 정부(공공) | 17 (37.0%) | 52 (45.2%) | 1 (39.50%) |
| 2.학회, | 6 (13.0%) | 49 (42.6%) | 51 (39.50%) |
| 3.기업 (제약회사, 기업 등) | | | 3 (2.30%) |
| 4.언급없음 | 23 (50.0%) | 14 (12.2%) | 24 (18.60%) |

- 국내 임상진료지침 개발에 참여하는 학회의 수는 시간이 지남에 따라 점차 다양해지고 그 수도 늘고 있음

| | 2000 - 2008 | 2009 - 2014(July) | 2014 - 2019 (Apr) |
|------|-------------|-------------------|-------------------|
| 1개 | 31 (93.9%) | 48 (63.2%) | 42 (32.6%) |
| 2개 | 1 (3.0%) | 10 (13.2%) | 23 (17.8%) |
| 3개 | 0 (0.0%) | 7 (9.2%) | 12 (9.3%) |
| 4개 | 1 (3.0%) | 4 (5.3%) | 18 (14.0%) |
| 5개이상 | 0 (0.0%) | 7 (9.2%) | 34 (26.4%) |

- 기존 지침 검토: 기존의 임상진료지침들을 NGC (national guideline clearinghouse, <http://www.guideline.gov>), GIN (guideline international network, www.g-i-n.net), Pubmed, google search와 같은 포털 사이트를 이용하여 검색

- 개발 계획 수립

- 가장 어렵고 핵심적인 부분으로, 기존 지침 검색 및 검토, 기존 지침의 범위 list, 능력, 시간, 비용 등 고려, 해당 지역 상황에 대한 검토를 토대로 개발 범위를 결정
- 범위를 결정할 때는 'PIPOH'를 고려해야 하며, PIPOH란 각각 Population (인구 집단), Intervention (중재), Professionals/Patients (전문가/환자), Outcome (결

과), Healthcare setting (의료환경)을 의미

- 핵심 질문(key question) 도출

- 진단, 치료, 원인, 예후 등에 대해 한정된 질문
- PICO라는 4가지 요소: Patient (환자), Intervention (개입), Comparison (비교개입), Outcome (결과)

※ 예시)

- 추상적인 질문: '비타민 섭취가 감기 예방에 효과적인가?

- PICO에 의한 질문: 성인에서 비타민C 1일 500mg을 복용하면 위약에 비해 감기가 덜 걸리나?

○ 개발

- 근거의 검색: 적절한 검색전략을 통해 양질의 근거를 찾는 것이 중요

- 근거의 평가

- 검색한 근거(논문)의 질은 비뚤림 가능성의 정도를 나타낼 수 있음
- 논문의 결론을 수용할 것인가에 대한 결정을 하기 위해서는 근거의 평가가 꼭 필요
- 이 외에도 상충된 결과가 나왔을 때 그 결과를 어떻게 해석할 것이냐에 대한 지표가 될 수 있음
- 추가 연구가 필요한가에 대한 판단에 도움이 됨

- 근거의 질을 평가하기 위해 다음과 같은 방법을 사용할 수 있음

- 체계적 문헌 고찰: AMSTAR
- 무작위 대조 연구: Cochrane ROB, SIGN 도구
- 비무작위 대조 연구: MINOR, RoBANS, NOS 등

- 권고안 도출 및 등급화

- 근거수준은 현재까지의 근거로 해당 중재의 효과에 대해 확신하는 정도를 나타내는 것으로 연구 디자인, 문헌의 질, 근거의 양, 근거의 일관성, 근거의 직접성을 고려하여 정함
- 권고의 강도는 특정 치료법이나 의견에 대한 권고안에 대해서 어느 정도의 강도로 추천을 하는지를 나타내는 것으로 일반적으로 근거의 질, 이득과 유해의 균형, 가치, 비용을 고려하여 정함

- 합의 도출

○ CPG의 형태

- CPG는 종설이나 환자용 지침, 일반적이 매뉴얼과는 다르며 중요한 질문을 중심으로 의사의 의사결정을 도울 수 있는 체계적이고 근거에 기반한 자료임

- 논문의 형태, 가이드라인의 형태, 요약본의 형태 등으로 출간될 수 있음

6) CPG 사례

- 대한의사회는 임상진료지침 전문위원회를 구성하고 임상진료지침 정보센터 (<https://www.guideline.or.kr/about/index.php>)를 운영하고 있음. 전문위원회에서는 의뢰된 진료지침을 평가하고 평가가 완료된 지침을 정보센터에 게시함⁹⁾¹⁰⁾- 정보센터에서는 만성질환(고혈압, 당뇨병, 이상지질혈증, 만성 폐쇄성폐질환)에 대해서는 별도의 환자용 교육자료까지 제공하고 있음

[참고] 표준진료지침(critical pathway, CP)

- 표준진료지침(critical pathway, CP)이란 의료팀들이 환자에게 어떤 진료 행위를 제공할 것이며 그 진료 행위 별로 어떤 시기에 제공할 것인지를 도식화한 종합적인 환자 관리 계획
- 미국 보스턴 뉴잉글랜드 메디컬 센터에서 1985년 표준진료 지침서를 적용한 것이 최초의 기록임
- 표준진료지침은 의료의 질과 경영 효율을 향상시키며, 환자의 만족도와 경제적 부담을 완화하고, 의료진의 과중한 업무를 덜어주는 기대효과를 가짐
- 우리나라에서는 간호/의료계에서 1990년대 후반부터 개발, 적용되기 시작하여 진료의 질 관리 확보를 위해 이용되고 있음
- 보건복지부에서는 2015년 『지역거점공공병원 적정 진료 수행을 위한 표준진료지침 작성 가이드라인 작성 원칙』을 제정하고 양질의 보건의료 및 적정 진료 개념을 정립하고 이를 평가할 수 있는 모니터링 체계를 마련하고자 시도하고 있음
 - 추진근거: 공공보건의료에 관한 법률 제17조 제1항 ‘양질의 보건의료서비스 제공’
 - 보건복지부 보도자료에 의하면 2016년까지 총 24개 질환에 대한 CP를 개발했고, 2017년 16개 질환을 추가해 총 40개 개발을 완료했음
 - 초기 CP 개발 시 26개 병원 및 학회, 109명의 연구진이 참여한 바 있음
 - 모니터링 결과 CP 적용 시 재원일수와 진료비가 감소했으며 환자의 만족도 증가함
예) ‘슬관절치환술’의 경우 CP 미적용환자군에 비해 적용환자군의 재원일수(26.6일)가 5일 감소된 것을 확인. 또한 CP 적용환자군의 진료비 평균이 미적용 환자의 진료비 평균에 비해 100분의 15(15%) 수준으로 감소

9) 보건복지부. " 표준진료지침 " 개발로 공공병원 적정진료 선도 (2017.4.4.) http://www.mohw.go.kr/react/al/sal0301vw.jsp?PAR_MENU_ID=04&MENU_ID=0403&page=1&CONT_SEQ=339030

10) 김용순,박지원,김기연(2000) 최근 5년간의 국내·외 표준 진료 지침서(Critical Pathway) 연구논문분석, 한국의료QA 학회지 7(2), 156-167.

- 한의약 분야에서도 제3차 한의약육성발전종합계획(2016-2020)에 따라 한의약의 표준화·과학화 기반 조성을 위해 보건복지부에서 2016년부터 2021년까지 6년간 “한의표준임상진료지침¹¹⁾”을 개발 중으로 30개 질환을 우선 선정하여 총 275억 원을 투입해 3년간의 국제적 수준의 임상연구 수행 후 표준임상진료지침을 개발, 2021년부터 일선 한방의료기관에 보급할 계획을 가지고 있음
 - 한의에서는 개발과 함께 임상연구를 병행하고 있는 것이 특징임
- 한의표준임상진료지침은 수준 높은 임상진료지침이 개발될 수 있도록 도움을 주고 근거 중심적 임상진료지침에 대한 이해를 높여 한의학 연구의 발전에 이바지 하는 것을 목적으로 함
 - 개발 성과를 바탕으로 진료지침 DB를 구축하고, 대학 및 보수 교육 자료를 개발하며 공사보험 수가 개발 및 시범사업 실시가 예정되어 있음
- 한국한의학연구원에서 개발된 임상진료지침을 온라인으로 제공¹²⁾하고 있으며, 현재 총 7건이 게시되어 있음 (비만, 우울증, 아토피피부염, 요추 추간판 탈출증, 특발성 안면신경마비, 족관절 염좌)
 - 임상진료지침 개발 방식을 확정하기 위해 대한한의학회에서는 별도의 정책연구용역을 수행하였음(2015.8~12)

11) 임상진료지침(Clinical Practical Guideline) : 어떤 질환의 일반적인 상황에 대하여 과학적 근거가 있는 보편적인 표준 진료행위(진료방법, 절차 등)를 제시하는 지침. 한의학 분야에서는 “한의”임상진료지침이라고 명명하고 있음

12) 한국한의학연구원 임상진료지침

(https://www.kiom.re.kr/brdartcl/boardarticleList.do?menu_nix=WUNNW2Aq&brd_id=BDIDX_o9YEVvNb40b134N1Rt17aq&searchKeyword=%EC%9E%84%EC%83%81%EC%A7%84%EB%A3%8C%EC%A7%80%EC%B9%A8&searchCondition=SC_ALL)



[사례] 아토피 피부염 한의임상진료지침 (한국한의학연구원, 2015)

- 객관적이고 체계적인 방법론에 따른 근거 기반 임상 진료 지침 마련
- 진료의 일관성 향상, 치료 전략의 적절성 확산
- 아토피 피부염 한의임상진료지침 목차

| PART 1 | | 임상진료지침 개요 |
|--------|--|---------------|
| 1 | | 임상진료지침 개요 |
| 2 | | 임상진료지침 개발 방법 |
| 3 | | 임상진료지침의 제작 과정 |
| PART 2 | | 개요 및 진단 |
| 1 | | 정의 및 증상 |
| 2 | | 병인 및 병리 |
| 3 | | 기초통계자료 |
| 4 | | 진단 기준 및 감별 진단 |
| 5 | | 기존 치료방법 |
| 6 | | 예후 |
| PART 3 | | 권고안 |
| 1 | | 진단 및 평가 |
| 2 | | 한약 |
| 3 | | 침 |
| 4 | | 관리 및 예방 |

3.3. 국내외 동물 진료체계 표준화 사례 조사

- 수의계에서 또한 의료계와 비슷하게 질병 코드와 행위분류 코드를 사용한 사례가 있으나, 의료계와 같이 실제로 진료에 사용되는 경우는 거의 존재하지 않음
- 드물지만 수의계에서의 임상진료지침(CPG) 또한 존재

(1) 질병 코드 체계

- 국내외에서 수의계서 발생하는 질환에 대해 정립한 코드나 분류체계는 존재하지 않음
- 공식적인 분류체계는 아니지만, 미국의 Cornell University에서 질병의 정의, 질병에 이환이 가능한 종, 임상증상 등을 정리하여 온라인 홈페이지에서 그 정보를 제공하고 있음
- 또한 영국에서도 Royal Veterinary College 수의과대학에서 개발한 VeNome code를 일부 1차병원, 2차병원, 대학병원에서 사용하고 있음

1) Cornell Consultant¹³⁾

- 개요
 - Cornell 수의과대학에서 1997년 만들어진 동물 질병 진단 data base로, 인터넷 홈페이지를 통해 보호자 및 수의사에게 질병에 대한 기본적인 정보를 제공
 - 질병에 대한 코드체계로 구성된 것은 아니나 소동물, 대동물에서의 다양한 질환에 대한 정보를 제공
 - 질환명을 검색하면 질환의 정의와 해당 질환에 이환될 수 있는 동물에 대해서 기술되어 있다. 또한 해당 질환에 이환되었을 때 보일 수 있는 다양한 임상증상들을 보여줌
 - 질환명 검색 이외에도 임상증상을 통해 질병을 검색할 수 있다. 환자가 보이는 각각의 임상증상들을 추가하면 이를 종합하여 환자의 감별진단 목록들을 제시
- 예시: '늑내장' 질병명 검색 결과

13) Cornell Consultant (<http://www.consultant.vet.cornell.edu>)

표 24. Cornell Consultant ‘Glaucoma’

| Glaucoma (녹내장) | |
|----------------|---|
| Description | Glaucoma is elevated intraocular pressure due abnormal aqueous humor flow or drainage that results in the progressive death of retinal ganglion cells and their axons. Primary Glaucoma without an antecedent ocular disease is known or suspected to be hereditary. Congenital Glaucoma has been described. Causes of Secondary Glaucoma include lens subluxation or dislocation, uveitis, injury and infection, lenticular swelling, hypermature cataract with lens capsule rupture, postsurgical, iris atrophy, intraocular neoplasia, post-inflammatory synechia, and gliovascular syndrome. Feline Neovascular Vitreoretinopathy is a rare condition associated with glaucoma in kittens and young domestic cats |
| Species | Bovine, Canine, Equine, Feline, Caprine, Ovine |
| Signs | Abnormal pigmentation, color, iris, Abnormal pupillary response to light, Abnormal pupillary shape or defect in the iris, Abnormal retinal pigmentation, Abnormal retinal reflectivity, Abnormal size of retinal vessels, Anisocoria, Blepharospasm, Blindness, Buphthalmia, Cataract, Chemosis, Conjunctival, scleral, injection, Conjunctival, scleral, redness, Corneal edema, opacity, Corneal neovascularization, Corneal swelling, mass, nodule, plaque, Corneal ulcer, Hyphema, Hypopyon, lipid, or fibrin, flare, of anterior chamber, Lacrimation, Lens luxation, Microphthalmia, Miosis, Mydriasis, Ocular pain, Optic atrophy, Photophobia, Synechia |

2) VeNom Codes¹⁴⁾

○ 개요

- VeNom code는 referral 영국의 Royal Veterinary Collage (RVC), University of Glasgow School of Veterinary Medicine (UGSVM), PDSA와의 협력을 통해 개발되었음
- 코드는 실제 수의학에서 사용되는 언어들로 구성되어 있으며, 학술토론, 연구 및 임상수의학에서의 편리를 위해 여러 기관을 통해 표준화되었음
- 수의학에서 사용되는 표준 임상용어를 개발하고 유지하는 역할을 하며 실제 병원의 전자차트에서도 사용 중인 코드체계
- 수의계에서 의료정보를 코드화하여 사용까지 하는 거의 유일한 사례

○ VeNom Codes 사용 현황

- 개발 직후 RVC 동물병원에서 2~3년 정도 시범적으로 운영을 한 후, 각 병원으로 배포하였음
- 실제로 Royal veterinary college 외에 Glassgow & Edinburgh & Bristol 수의과대학

14) 본 연구팀은 VeNom 코드 개발 그룹에 코드 사용 허가를 받았으며 왕립수의과대학 David Brodvelt 교수(2020.3)와 인터뷰를 통해 코드 개발 및 활용에 대한 정보를 정리함(첨부 2 참조)

병원에서 사용 중이며, 1차 병원 중 VeNom code를 지원하는 PMS (practice management systems)이 있는 곳에서도 사용 중

- 의료기록을 위한 목적 외에도 microchip 회사나 보험회사에서도 VeNom code를 사용하고 있음

○ 기본 구조

- 진단, 호소 증상, 수술 및 시술, 진단 검사, 내원 이유, 동물 품종에 대한 수많은 정보를 나열하고 있고, 나열된 정보마다 고유의 숫자 code를 부여하였음
- 각 정보마다 고유의 code를 갖고 있지만, 정보와 숫자간의 연관성은 없음
- 부여된 코드는 해당 질환만을 나타내며, 이후 질환이 삭제됐을 경우 부여된 코드를 재사용하지 않음
- 먼저 진단 정보들은 진단명과 질병의 계통을 표기하여 나열하였고, 소동물과 말에서 해당 질환이 존재하는지 여부를 표기
- 호소 증상은 환자가 보일 수 있는 증상들을 나열하고 계통 표기
- 수술 및 시술, 진단검사는 실시 행위에 대한 명칭을 기재하고 계통 표시

표 25. VeNom Code 예시

| Label | Database ID | Term name | Top level modelling | Small animal | Equine |
|----------------------|-------------|--|--|--------------|--------|
| Diagnosis | 594 | Corneal scar | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| Diagnosis | 595 | Corneal sequestrum | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| Diagnosis | 596 | Corneal stromal abscess | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| Presenting complaint | 2253 | Polydipsia | Nervous system finding | 1 | 1 |
| Presenting complaint | 2255 | Polyphagia/ravenous appetite | Nervous system finding | 1 | 1 |
| Presenting complaint | 194 | Polyuria | Urogenital system finding | 1 | 1 |
| Presenting complaint | 81 | Polyuria/polydipsia | Urogenital system finding, Nervous system finding | 1 | 1 |
| Presenting complaint | 82 | Poor performance | Musculoskeletal system finding | 0 | 1 |
| Diagnostic test | 18131 | Blood test: Acid-base/blood gas analysis | Clinical Pathology test, Haematopoietic system test, Endocrine/Metabolic test | 1 | 0 |
| Diagnostic test | 18134 | Blood test: Biochemistry – basic profile | Clinical Pathology test, Haematopoietic system test | 1 | 0 |

| | | | | | |
|-----------------|-------|---------------------------------------|--|---|---|
| Diagnostic test | 22729 | Blood test: Biochemistry – bile acids | Clinical Pathology test, Haematopoietic system test, Hepatobiliary system test | 1 | 1 |
| Diagnostic test | 18144 | Blood test: Biochemistry electrolytes | Clinical Pathology test, Haematopoietic system test | 1 | 0 |

○ 유지 및 관리

- VeNom code는 코드를 사용하는 것에 대한 비용을 전혀 받지 않으며, 기관의 지원을 받아 유지에 드는 비용을 충당하고 있음
- VeNom code를 사용하는 구성원들은 기존 코드와 비슷한 용어를 기존 코드명에 추가하여 기재할 수 있음
- VeNom Group이라는 팀을 만들어서 VeNom 코드의 수정, 추가, 삭제 등을 하고 있으며, group은 IT 전문가, 임상분야 전문가, epidermiologist, first opinion end user clinical director로 이루어져 있음

○ 개발된 코드를 활용하여 반려동물질병 감시시스템(VetCompass, Veterinary Companion Animal Surveillance System)를 구축하였음

※ VetCompass (<https://www.rvc.ac.uk/VetCompass>)

- 반려동물 인구학적 분포와 이에 따른 질병 정보를 수집하고 수의사, 보호자에게 제공함 (대상 반려동물 약 천만 마리)

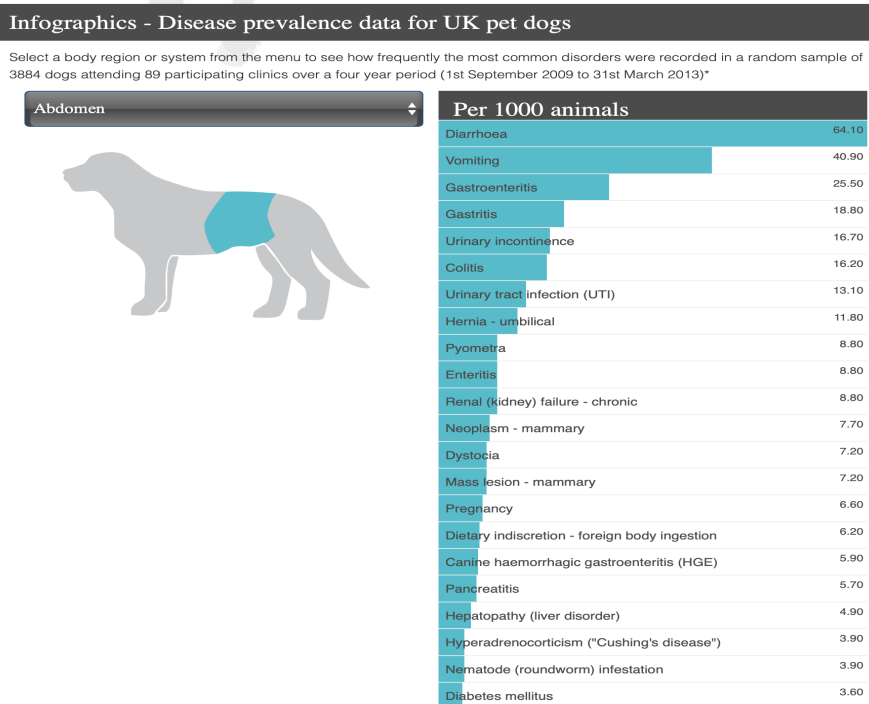


그림 5. 영국 내 개의 복부 관련 질병 유병률 인포그래픽 (<https://www.rvc.ac.uk/vetcompass/learn-zone/infographics/canine>)

3) 국내 3대 보험사 질병코드¹⁵⁾

○ 개요

- 현재 국내 수의계에서 사용하는 질병명, 진단명에 대한 코드체계는 존재하지 않음
- 몇몇 보험사에서 반려동물 보험 적용을 위해 기본적인 질병코드를 제시
- 보험개발원, 메리츠화재, 삼성생명에서 각각 질병 코드를 제시하였음

○ 기본 구조

- 3개 보험사 모두 총 2단계 분류로 구성되며, 크게 코드의 앞부분은 신체계통에 따른 대분류, 뒷부분은 계통에 따른 소분류로 구성되어 있음
- 보험개발원(4자리) : 앞 두 자리는 신체계통에 따른 대분류, 뒤 두 자리는 계통에 따른 소분류
- 메리츠 화재(4자리) : 앞 두 자리는 신체계통에 따른 대분류, 뒤 두 자리는 계통에 따른 소분류
- 삼성생명(5자리) : 앞 두 자리는 신체계통에 따른 대분류, 뒤 세자리는 계통에 따른 소분류

표 26. 보험개발원 질병 코드

| 코드 | 장 | 대분류 | 항 | 소분류 |
|------|----|--------|----|---------------|
| 0101 | 01 | 순환기계질환 | 01 | 승모판 폐쇄 부전증:MR |
| 0102 | 01 | 순환기계질환 | 02 | 삼첨판 폐쇄 부전증:TR |
| 0301 | 03 | 소화기계질환 | 01 | 식도염 |
| 0302 | 03 | 소화기계질환 | 02 | 식도 협착 & 식도 폐색 |
| 0501 | 05 | 비뇨기과질환 | 01 | 네프로제 증후군 |
| 0502 | 05 | 비뇨기과질환 | 02 | 신우신염 |

표 27. 메리츠 화재 질병 코드

| 대분류 | 진단 | 코드 |
|-----------------|--------------|------|
| 간 · 담도계 및 췌장 질환 | 간염 | AA01 |
| 간 · 담도계 및 췌장 질환 | 지방간 | AA02 |
| 간 · 담도계 및 췌장 질환 | 간경병증 / 간섬유증 | AA03 |
| 귀 질환 | 외이도염 (세균성) | BA01 |
| 귀 질환 | 외이도염 (말라세지아) | BA02 |

15) 첨부 3 국내 3대 동물보험 상품 질병 분류 및 코드 참조.

표 28. 삼성생명 질병 코드

| 코드 | 대분류 | 소분류 |
|-------|------|-----------|
| CA011 | 순환기계 | 이첨판폐쇄부전 |
| CA021 | 순환기계 | 삼첨판폐쇄부전 |
| GI011 | 소화기계 | 식도염 |
| GI021 | 소화기계 | 식도 협착/폐색 |
| AU011 | 귀질환 | 외이염, 외이도염 |
| AU021 | 귀질환 | 귀의 혈종 |

(2) 행위분류 코드 체계

1) Suggested Fee Guide for Small Animal Procedures (2017)

○ 개요

- 캐나다 수의사회는 각 주별로 검사, 백신, 마취와 진정, 외과수술, 치과 진료, 전문서비스, 입원 및 수액치료 항목을 코드화하여 수가와 함께 제시하고 있음 (코드는 개와 고양이로 구분)
- 각 주의 수의사는 보호자에게 진료비를 청구할 때 각 코드별로 구분하여 진료비를 명시하도록 권고 받음. 그러나 본 자료는 수의사를 위한 자료로 보호자에게 공개하거나 공시하는 자료가 아님
 - ※ 검사 및 행정(검사 9종, 상담 8종, 검사 및 샘플링 9종, 안과검사 4종), 진단 영상 11종, 임상병리 검사 30종, 백신 8종, 마취 및 진정 11종, 외과수술 16종, 분만 11종, 정형외과 수술 44종, 안과 수술 22종, 이비인후과 수술 17종, 내장관계 수술 17종, 일반 외과술 24종, 치과 16종, 전문서비스 62종(안락사 포함), 입원 및 기타 9종, 수액 등 16종
- 각 비용은 overhead 비용, 직원의 급여 및 혜택, 임대료, 유틸리티, 소모품 등의 값을 고려하여 책정되었음
- Procedure를 진행하는 데 걸리는 시간, 복잡성, 기술, 책임, 위험성 또한 고려되었으며, 추가로 비교할만한 직업군의 개인 급여를 고려하여 수의사의 시간 값을 고려하여 추정하였음

○ 기본 구조

- 개와 고양이에 해당되는 코드의 천단위 수를 각각 1, 2로 정하여 구분
- 검사, 백신, 마취, 수술, 치과, 서비스, 입원 및 수액 치료 항목으로 구분하였음
- 분류된 항목에서 세부 목록에 대한 항목들에 순서대로 세 자리(백단위, 십단위, 일단위)코드를 부여하여 정리하였으며, 책정된 수가를 붙여서 나열하였음
- 실제 진료에서 사용 시, 진료 중에 실시했던 각 행위(진료 항목)들을 모두 기재하여 의료 기록 정리 및 수가청구를 할 수 있음

표 29. Suggested Fee Guide for Small Animal Procedures 코드 분류

| 항목 | Canine | Feline |
|---------------------------------|-----------|-----------|
| Examinations | 1000-1020 | 2000-2020 |
| Vaccinations | 1300-1320 | 2300-2320 |
| Anaesthesia and Sedation | 1350-1399 | 2350-2399 |
| Surgery | 1400-1599 | 2400-2599 |
| Dentistry | 1600-1649 | 2600-2649 |
| Professional Services | 1700-1799 | 2700-2799 |
| Hospitalization & Fluid Therapy | 1800-1895 | 2800-2895 |

| <u>Canine</u> | <u>Feline</u> | |
|---------------|---------------|---|
| 1456 | 2456 | fracture - closed reduction |
| 1457 | 2457 | fracture repair (open) |
| 1458 | 2458 | intramedullary pinning (open) |
| 1459 | 2459 | intervertebral disc surgery |
| 1460 | 2460 | I.M. pin removal |
| 1461 | 2461 | joint exploratory - other |
| 1462 | 2462 | Kirschner apparatus application |
| 1463 | 2463 | luxation reduction |
| 1464 | 2464 | luxation reduction (open) |
| 1465 | 2465 | mandibular symphysis wiring |
| 1468 | 2468 | shoulder joint exploratory |
| 1469 | 2469 | shoulder joint OCD curettage |
| 1470 | 2470 | temporomandibular luxation - closed reduction |
| 1471 | 2471 | tibial crest transplant / patella stabilization |
| 1472 | 2472 | ununited anconeal process fixation |
| 1473 | 2473 | ununited anconeal process removal |

그림 6. Suggested Fee Guide for Small Animal Procedures 정형외과 코드

| | |
|------|--|
| 2000 | examination / consultation |
| 2051 | blood collection preanaesthetic blood profile with CBC |
| 2272 | FIV / FeLV ELISA test |
| 2805 | hospitalization - part day (boarding + monitoring) |
| 2350 | anaesthetic induction plus 10 minutes of maintenance |
| 2356 | anaesthesia fee (includes monitoring and agent - per 10 min) |
| 2380 | IV fluids during anaesthetic |
| 2785 | injection-intramuscular/subcutaneous (first) preoperative pain medication |
| 2590 | surgical fee per 10 minutes |
| 2732 | dispensing fee (per prescription) pain management medication for home use |

그림 7. Suggested Fee Guide for Small Animal Procedures 고양이 농양 치료 사례
(처치 코드 종합)

2) 영국 소동물수의사회의 진료 가이드라인

(Guide to Procedures in Small Animal Practice, BSAVA , UK)

- 소동물 임상 진료 시 진단과 처치 행위에 대한 단계별 지침을 담고 있음. 수의사, 수의과대학생, 수의테크니션을 위한 지침서로 2009년 제 1판이 출간됨 (2014년에 개정됨)
- 일반적인 신체검사와 응급 프로토콜이 정리됨. 총 93개의 항목으로 구분되어 있음(외과 수술은 제외). 각 항목은 개요, 환자 준비 및 보정, 도구, 기술 등으로 자세하게 구성됨

3) 미국 동물병원협회 세부 진료 항목

- 미국 동물병원협회에서 설문(응답 수 2016년 기준 944)을 통해 지역별, 동물병원 규모별 세부 진료에 대한 수가를 조사하여 현황을 참고자료로 회원들에게 유료로 제공함(비공개 자료임)
- 이 자료에서 제공하는 진료 세부 항목은 다음과 같음
 - ※ 검사 및 예방 서비스 (43종), 백신 서비스(10종), 미용/보딩 서비스(21종), 치과 진료(20종), 임상병리(56종/검사의뢰 동일), 영상 및 기타 진단(55종), 약물처방/구충/영양 등(9종), 수액(17종), 입원 서비스(32종), 마취(26종), 의료처치(46종), 외과술(126종), 안락사 및 부검 등(37종)

(3) 수의계 임상진료 지침(Clinical Practice Guideline, CPG)

- 국내외 수의계에서는 많은 수의 CPG 개발이 이루어지고 있지는 않음
- 해외의 수의 피부과에서 개의 아토피 피부염에 대해서 CPG를 만들어 논문으로 발표한 사례가 있음

Veterinary Dermatology

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WSAVA
Global Veterinary Development

This article is endorsed by the World Small Animal Veterinary Association for providing valuable information for all small animal veterinarians

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Treatment of canine atopic dermatitis: 2010 clinical practice guidelines from the International Task Force on Canine Atopic Dermatitis

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France), Pfizer Animal Health (Sandwich, UK), Vetoquinol (Paris, France) and Royal Canin (Aimargues, France).

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Abstract

그림 8. Canine Atopic Dermatitis CPG

- World Small Animal Veterinary Association (WSAVA)에서 개의 아토피성 피부염 질환에 대한 CPG를 작성한 것으로 2010년 제작됨. 미국, 스코틀랜드, 독일, 프랑스 등 다양한 나라의 전문가가 참가함
- 개에서 매우 흔하게 발병하고 진단, 치료 과정에서 어려움이 있을 수 있는 아토피성 피부염에 대한 진단, 유의사항, 치료법 등을 기재. 또한 치료법을 설명할 때 권고의 강도 (Strength of recommendation, SOR)을 같이 기재하였으며, 이에 대한 근거를 제시할 때에도 근거의 수준(Category of evidence, COE)을 평가하여 기재함

(4) 수의계 임상진료 매뉴얼

○ 2009년 표준 진료 프로토콜(대한수의사회, 2009)

- 진료 매뉴얼 구축 소위원회를 구성
- 동물병원과 보호자 또는 수의사간 발생하는 진료 분쟁을 예방하고 적절한 진료비 산출의 기준 마련
- 총 25개 질환에 대한 코드화 된 프로토콜 및 각 단계에 대한 간략한 설명 포함: 외이염, 중성화, 내이중이염, 저혈당성 쇼크, 급성설사, 백신접종 및 항체가검사, 곰팡이성 피부질환, 알러지성 피부질환, 기생충성 피부질환, 세균성 피부질환, 자궁축농증, 제왕절개수술, 디스토펙, 심장사상충, 비만관리, 이첨판폐쇄부전, 체리아이수술, 급성구토, 뇨결석, 각막 궤양, 디스크질환, 슬개골탈구, 백내장, 녹내장, 만성신부전

반려견 중성화 진료 protocol

| Code | 내용 | 중요도 | 관련 자료 |
|------|--------------------|-----|------------------------------|
| R1 | 환자접수 | A | 접수 카드 |
| R2 | 중성화 관련 문진표 및 수술안내문 | A | 중성화 수술안내문 |
| D1 | 간단한 병력 청취 | A | |
| D2 | 신체검사 | A | |
| D3 | 수술상담 및 동의서 | A | 중성화 수술 동의서 마취전검사관련 보호자 자료 |
| L1 | 일반혈액검사 | A | |
| L2 | 종합혈청검사 | A | |
| L3 | 전해질검사 | A | |
| L4 | 항체가검사 | B | |
| L5 | 응고계검사 | B | |
| L6 | 노경사 | B | |
| L7 | 심전도검사 | C | |
| I-1 | 흉부 방사선 검사 | A | |
| I-2 | 복부 초음파 검사 | C | |
| T1 | 카테터 장착 | A | |
| T2 | 수액 장착 | A | |
| T3 | 술전 약물 주입 | A | |
| T4 | 마취 (주사 마취 또는 호흡마취) | A | |
| T5 | 삭모 및 술전 소독 | A | |
| T6 | 중성화 수술 | A | |
| T7 | (+/-) 선택수술 | | |
| T8 | 술부 소독 및 봉대 | A | |
| T9 | 넙칼라 장착 또는 자상 방지 조치 | A | |
| T10 | 퇴원 또는 입원관리 | A | |
| T11 | 내복약 처방 | A | |
| E1 | 중성화 수술 후 관리 교육 | A | 술후 관리 보호자 안내서 |
| E2 | 처방식/식이 상담 | A | |
| R3 | 재검 예약 | A | |
| R4 | 수납 | A | |
| R5 | Happy Call | A | |

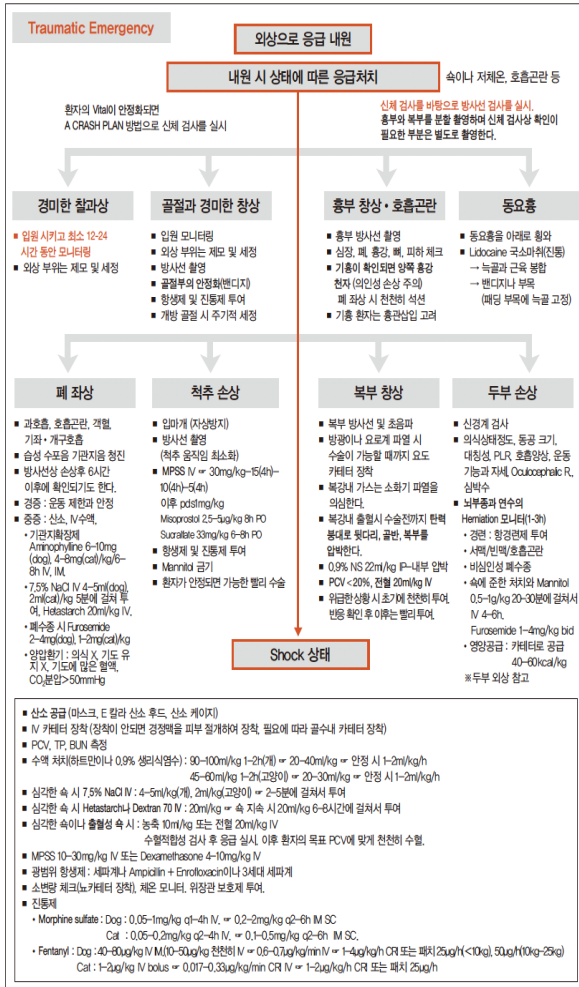
동물병원

| Code | 내용 | 요약 |
|------|--------------------|--|
| R1 | 환자접수 | 접수 또는 테크니션이 환자 등록 카드를 이용해 기본적인 보호자/환자 정보를 획득한다. 이 기초자료는 진료 뿐만 아니라 향후 마케팅에 이용됨 |
| R2 | 중성화 관련 문진표 및 수술안내문 | 중성화 상담을 기다리는 동안 중성화 수술과 관련된 기초 안내 및 Q/A를 통해 중성화 수술에 대한 순응도를 높이고 혼란 질의 사항에 대한 시간소요를 단축시킴 |
| D1 | 간단한 병력 청취신체검사 | 과거 복어 병력 여부, 절식 상태, 백신 완료 확인 |
| D2 | 신체검사 | 수컷의 경우 양쪽 고환의 크기 여부 확인, 외부 생식기 발달 상태 확인 암컷의 경우 발정 여부 및 절임여부 (juvenile virginities)의 경우 첫 발정 후로 수술 연기함 |
| D3 | 수술상담 및 동의서 | 수술 절차 및 수술에 따른 위험 상담, 수술 절차 및 예상 비용 계획 상담, 추가 수술 여부 등을 중성화 수술 동의서를 이용하여 상담 후 자료를 남김 |
| L1 | 일반혈액검사 | 전신염증 상태 또는 적합한 면역력 여부, 빈혈 여부, 출혈과 관련된 혈소판 수치 확인을 위해 반드시 필요함 |
| L2 | 종합혈청검사 | 마취제 및 항생제 등이 대사되는 간과 신장과 같은 주요 장기의 이상 여부 확인 |
| L3 | 전해질검사 | 전해질의 균형은 예전 건강의 생역력이다. 비정상적인 값은 생명을 위협할 수 있다. 전해질 검사는 구토, 설사, 탈수, 심장 중추평가 시 중요하다. |
| L4 | 항체가검사 | 백신 완료 후 적절한 수준의 면역상태에 도달했는지 확인 |
| L5 | 응고계검사 | 특이한 선천적 지혈장애 (특정 응고인자 결핍, 혈우병 등) 확인 |
| L6 | 노경사 | 비뇨기계 감염 여부, 소변은 신장, 간, 췌장과 같은 많은 장기의 부산물을 포함한다. 이들 부산물에 대한 비정상적인 값은 당뇨병 또는 간, 요로계 질병을 나타냄 |
| L7 | 심전도검사 | 선천적인 심부정맥 여부 확인 |
| I-1 | 흉부 방사선 검사 | 선천적인 심장질환 및 폐이상 여부를 확인, 호흡마취의 경우 기관트브 크기 결정에 도움이 됨 |
| I-2 | 복부 초음파 검사 | 장벽 고반 또는 자궁/난소 이상이 의심되는 경우 수술 계획을 위해 |
| T1 | 카테터 장착 | 정맥을 확보하여 주사제를 쉽고 빠르게 혈관에 주사할 수 있도록 하며 수액장착 통로가 됨 |
| T2 | 수액 장착 | 마취 중 발생할 수 있는 저혈압을 예방하기 위해 마취 중 최소 10ml/kg/hr의 수액을 공급함 |
| T3 | 술전 약물 주입 | 항생제, 진통제, 진정제, 아트로핀(+/-) 등을 필요에 따라 마취전에 주사함 |
| T4 | 마취 (주사 또는 호흡마취) | 환자의 상태, 나이, 보호자 상담 내용에 따라 결정된 마취 방법을 적용함 |
| T5 | 삭모 및 술전 소독 | 마취 상태에서 40호 clipper blade를 이용해 수술 부위 주변까지 털을 삭모하고 술전 소독을 실시함 |
| T6 | 중성화 수술 | 교과서적인 방법에 준해 암컷, 수컷의 중성화 수술을 실시함 |
| T7 | (+/-) 선택수술 | 중성화 수술 동의서 상에 결정된 선택수술이 있다면 진행함 |
| T8 | 술부 소독 및 봉대 | 수술 부 소독 후 통증 완화 및 오염 방지, 지혈을 위해 봉대를 적용 |
| T9 | 넙칼라 장착 또는 자상 방지 조치 | 활거나 긁는 것을 예방하기 위해 적절한 크기의 넙칼라를 장착하거나 수술 부위를 보호하기 위한 봉대 또는 필름 등을 적용함 |
| T10 | 퇴원 또는 입원관리 | 술전 상담 내용 및 환자의 마취 회복 상태에 따라 충분한 회복시기까지 입원하거나 퇴원 여부를 결정함 |
| T11 | 내복약 처방 | 퇴원 후 복용할 항생제, 진통제를 처방함 |
| E1 | 중성화 수술 후 관리 교육 | 중성화 수술 후 술부 소독 또는 봉대 관리 등에 대해 상담함 |
| E2 | 처방식/식이 상담 | 수술 후 필요칼로리가 줄어들어 따라 칼로리가 낮은 음식으로 교체할 것을 상담 |
| R3 | 재검 예약 | 발사가 필요한 경우 재검일정을 잡기 |
| R4 | 수납 | 수납 후 귀가, 예약 표에 Happy Call 기록 |
| R5 | Happy Call | 3일 후에 Happy call을 통해 복시 발생할 수 있는 문제 여부 확인 및 복약 상담, 예약 재확인 |

그림 9. 2009년 표준 진료 프로토콜 (대한수의사회)

○ 동물병원임상프로토콜 (서울특별시수의사회, 2016)

- 병원마다 다른 진료 절차로 인한 보호자의 불편 해소를 목적으로 함
- 진료의 질 향상, 보호자와의 원만한 커뮤니케이션에 도움을 줄 것으로 기대
- 질환에 대한 각각의 진료과정을 정리해 놓은 알고리즘
- 22개 진료과목 215개 주제: 최신 진료 경향을 반영한 진료 매뉴얼 형태의 프로토콜



진단

- 임상 증상으로 추정 진단 가능
- 항문낭 액의 색상
- 항문낭 주위의 변화

치료

경 중정도 증가와 고행물질 증가
항문낭액 압출 주 2회: 저류액의 색상 호전과 고행물질이 없어질 때까지 증상 호전 시 최소 1개월에 2-4회 압출

중 중(혈역농성 물질)
항문낭의 세정: 분비관을 통해 세정액(201 생리식염수: 포비돈: 50ml)으로 세정
항문낭내에 형성 연고 주입: 인연고나 유방염 연고
저류액의 색상에 따라 1주 간격 반복하여 호전 시 최소 1개월에 2-4회 압출



과일

- 내과적 치료 (재발을 높임)
- 배농이 잘되지 파열 부분을 추가 절개 한다.
- 세정액(201 생리식염수: 포비돈: 50ml)으로 세정한다.
- 항문낭 주위의 감염으로 국소 항생제 주사와 전신 항생제 투여
- 내과적으로 염증은 호전되지만 대부분 재발하므로 외과적 적출 추천

외과적 치료

항문낭 적출술을 실시하면 영구적으로 치료 가능하다. 치료반도, 만성적 박힘의 증가, 농의 발생 등을 근거하여 결정한다. 동시에 양측성 항문낭 절제술 실시

적극적 내과적 치료-염증과 감염을 줄여 수술 후 합병증 최소화

수술은 접근 방법에 따라 개방법과 폐쇄법으로 구분되며 진단명이 있다.

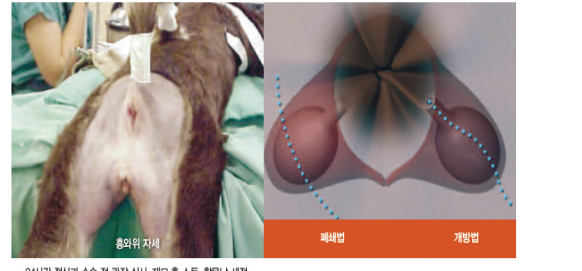


그림 10. 동물병원임상프로토콜 (서울특별시수의사회, 2016)

3.4. 동물진료 표준화 방안

- 반려동물 진료 표준화를 위한 첫 단계로 전국 단위의 반려동물 질병에 대한 정보(질병 현황, 다빈도 진료행위 등) 수집이 필요함. 이를 위해서 국가 차원의 반려동물 진료(질병/진단/행위) 정보 코드 단일화가 우선 시 되어야 함. 각 동물병원이 이 코드를 사용하고 생성된 정보의 공유에 협조하는 국가적 시스템이 확립되어야 함
- 반려동물 보호자의 진료 수가에 대한 불만은 절대적인 진료비가 아니라 진료의 투명성과 진료과정에 대한 이해 부족으로 생겨남. 따라서 각 동물병원은 개발된 코드를 활용하여 진료 과정을 보호자에게 이해시키는 노력이 필요함

(1) 질병 코드 제안

1) 인의/수의 표준 질병 코드 사례 분석을 통한 시사점

○ 장점 및 참고사항

- 국내외 모두 질병명/진단명에 대한 기재를 위해서 실제로 표준사인분류체계를 사용하고 있어, 표준사인분류체계를 활용한다면 수의 질병 코드개발 이후 적용과정에서 생기는 문제점이 적을 것으로 고려됨. 다만, 수의학에서 사용하는 질병명과 인의에서 사용하는 질병명은 비슷한 용어를 사용하고 있으나, 종별로 존재하지 않는 질환이 있을 수 있으며 질병의 양상 또한 다를 수 있음
- 한국표준질병분류체계(KCD-7)는 대분류, 소분류 외에도 소수점 아래 두 자리까지 사용하여 더 세부적인 질병 구분이 가능
- Cornell consultant와 VeNom code의 경우 실제 수의학에서 사용되는 용어들을 이용하여 자료를 제시하고 있어 수의 용어 표준화를 위한 기초자료로 사용할 수 있음
- VeNom code의 경우는 코드구조가 다축적 구조를 이루고 있지 않고 단순하게 번호를 붙이는 것이기 때문에 질병의 코드화 및 새로운 코드 추가가 용이함
- 국내 3대 보험사 질병코드는 대분류와 소분류까지의 2단계 구성으로 이루어져 있어 쉽게 구분이 가능하며, 특히 삼성생명의 경우 앞의 대분류 알파벳 2자리는 신체계통에 대한 약자를 사용했기 때문에 더 쉽게 구분할 수 있음

○ 단점 및 보완사항

- 한국표준질병분류체계(KCD-7)와 같은 체계를 수의학에서 별도로 개발하는데는 과도한 시간이 소요될 수 있음. 그러나 기존의 체계를 활용하면 수의학에서는 쓰이지 않는 코드가 다수 존재할 수 있음

- VeNom code는 코드 자체에 질병에 대한 정보가 포함되지 않고 단순히 숫자를 순서대로 부여한 것임. 따라서 통계를 위해 사용할 때 다소 어려움이 있을 수 있음. 이 외에도 여러 질병이 혼재되어있는 경우나 인과관계가 있는 경우에 대한 사용지침이 없기 때문에, 실제 사용에 어려움이 있을 수 있음
- 3대 보험사 질병코드는 2단계 구성이 가능하지만 더 세부적인 질병을 구분할 수 없음. 또한 각 계통별로 추가할 수 있는 질병의 수가 제한되어 있기 때문에 새로운 코드를 추가할 때 한계가 있음

2) 수의 표준 질병 코드 (Veterinary KCD) 제안

○ 의미

- 반려동물 질병 코드(또는 질환 코드)란 의무 기록과 질병/사망 통계와 관련된 정보를 체계적으로 유형화 한 것으로, 모든 형태의 반려동물 질병 기록과 반려동물의 보건 문제를 분류하는데 이용할 수 있음. 또한, 서로 다른 진료 기관, 전문가간 정보를 공유하고 비교하는데 있어 공통된 틀을 제공함

○ 개요

- 코드제작 시 가장 편리한 방법은 VeNom code와 같이 순차적인 번호를 질병명에 붙이는 방법이지만, 본 연구의 목적이 단순한 질병명의 코드화만이 아닌 코드화를 통한 질병 통계의 편리성 확보와 이를 통한 관련 산업의 발달에 있으므로 시간이 소요되더라도 **각 자리에 의미를 부여하는 구조로 제작하는 것이 합리적이라고** 고려됨
- 국내 반려동물이 개와 고양이에 집중되어 있어 개와 고양이에 대한 코드를 개발한다고 했을 때, 인의에서 사용 중인 KCD-7을 기반으로 하여 코드를 개발하는 것을 고려하였음. 수의학에서 다루지 않는 질병분류가 있을 지라도 질병분류의 체계를 그대로 적용하는 것은 **향후 인의에서의 질병통계와 비교 등을 위해 필요하다고** 생각됨

○ 기본 구조(안)

- 영역 1에는 동물의 종(개: canine, 고양이: feline 등) 코드 부여
- 영역 2-4는 KCD-7과 동일하게 구성: 인의에서 분류한 기준을 그대로 사용함으로써 안정된 체계를 수용하고 용어의 혼란을 줄임. 질병 코드는 질병분류기호 모바일/웹 검색이 가능하여 쉽게 접근할 수 있음(<http://www.kcdcode.kr/browse/main>) 기본 KCD-7 질병코드를 확인하여 코드 번호를 재구성하여 사용할 수 있음. 추후 KCD 리스트에 변화가 있더라도 영향을 받지 않음
- 동물에서 있는 질병의 경우나 품종 특이성 질환은 영역 5를 활용하여 기록

표 30. 수의학 코드 기본 구조 제안(안)

| 영역 | 영역 1 | 영역 2 | 영역 3 | 영역 4 | 영역 5 |
|------|--------------------|----------|--------|--------|------|
| 분류 | 종 | KCD-7 | 세분류 1 | 세분류 2 | 수의 |
| 표기방식 | AA | ANN | N | N | N |
| 예시 | CA(개) | H40(녹내장) | 3(속발성) | 1(염증성) | - |
| | 개에서 염증에 의한 속발성 녹내장 | | | | |

표 31. 영역 1 코드 구성

| 구분 (NN) | 동물종 | 품종* | 비고 |
|---------|----------------|-------|----------------------|
| CA (C) | Canine | 00000 | 품종은 향후 Venom 기준 활용가능 |
| FE (F) | Feline | 00000 | Venom 기준 |
| BO | Bovine | 00000 | 향후 확장 가능 |
| EQ | Equine | 00000 | |
| OV | Ovine | 00000 | |
| CP | Caprine | 00000 | |
| SW | Swine | 00000 | |
| BI | Birds(Avian) | 00000 | |
| RA | Rabbit | 00000 | |
| RO | Other rodents | 00000 | |
| RE | Reptile | 00000 | |
| AM | Amphibian | 00000 | |
| OS | Others species | 00000 | |

* 품종 코드는 개와 고양이를 우선적으로 나머지는 향후 적용

표 32. 영역 2 코드 구성 (KCD-7에 따른 분류 적용)

| 질병군 | | 질병 구분 | 코드 |
|--------------------|--------|-----------------------------------|---------|
| 전신을 침해한 질환군 | I | 특정 감염성 및 기생충성 질환 | A00-B99 |
| | II | 신생물 | C00-D48 |
| 전신병적 질환군 | III | 혈액 및 조혈기관의 질환과 면역기전을 침범하는 특정 장애 | D50-D89 |
| | IV | 내분비, 영양 및 대사 질환 | E00-E90 |
| 인체 해부학적 계통별 질환군 | V | 정신 및 행동 장애 | F00-F99 |
| | VI | 신경계통의 질환 | G00-G99 |
| | VII | 눈 및 눈 부속기의 질환 | H00-H59 |
| | VIII | 귀 및 꼭지돌기의 질환 | H60-H95 |
| | IX | 순환기계통의 질환 | I00-I99 |
| | X | 호흡기계통의 질환 | J00-J99 |
| | XI | 소화기계통의 질환 | K00-K93 |
| | XII | 피부 및 피부및조직의 질환 | L00-L99 |
| | X III | 근육골격계통 및 결합조직의 질환 | M00-M99 |
| | X IV | 비뇨생식기계통의 질환 | N00-N99 |
| 분만·기형· 신생아 질환 | X V | 임신, 출산 및 산후기 | O00-O99 |
| | X VI | 출생전후기에 기원한 특정 병태 | P00-P96 |
| | X VII | 선천 기형, 변형 및 염색체 이상 | Q00-Q99 |
| 기타 병태 | X VIII | 달리 분류되지 않은 증상, 징후와 임상 및 검사의 이상 소견 | R00-R99 |
| | X IX | 손상, 중독 및 외인에 의한 특정 기타 결과 | S00-T98 |
| 기타 분류 | X X | 질병이환 및 사망의 외인 | V01-Y98 |
| | X XI | 건강상태 및 보건서비스 접촉에 영향을 주는 요인 | Z00-Z99 |

표 33. 고양이에서 결막염 코드의 예

| 영역 1 | 영역 2 | 영역 3 | 영역 4 | 영역 5 | 질환명 |
|------|------|------|------|------|-------------------------------------|
| FE | H10 | | | | Conjunctivitis |
| FE | H10 | 0 | | | Mucopurulent conjunctivitis |
| FE | H10 | 0 | 0 | | Acute follicular conjunctivitis |
| FE | H10 | 0 | 8 | | Other mucopurulent conjunctivitis |
| FE | H10 | 1 | | | Acute atopic conjunctivitis |
| FE | H10 | 2 | | | Other acute conjunctivitis |
| FE | H10 | 2 | 0 | | Acute toxic conjunctivitis |
| FE | H10 | 2 | 1 | | Pseudomembranous conjunctivitis |
| FE | H10 | 2 | 2 | | Serous conjunctivitis, except viral |
| FE | H10 | 3 | | | Acute conjunctivitis, unspecified |

표 34. 개에서 하부호흡기질환 분류의 예

| 영역 1 | 영역 2 | 영역 3 | 영역 4 | 영역 5 | 질환명 |
|------|-------|------|------|------|--|
| 동물종 | KCD-7 | 세분류1 | 세분류2 | 수의 | |
| CA | J20 | | | | Acute Bronchitis |
| CA | J20 | 0 | | | Acute bronchitis (Mycoplasma pneumonia) |
| CA | J20 | 1 | | | Acute tracheobronchitis (Haemophilus influenzae) |
| CA | J20 | 2 | | | Acute bronchitis (streptococcus) |
| CA | J20 | 3 | | | Acute bronchitis (coxsackievirus) |
| CA | J20 | 8 | | | Acute bronchitis due to other specified organisms |
| CA | J20 | 8 | 0 | | Acute bronchitis (human bocavirus) |
| CA | J20 | 8 | 8 | | Acute bronchitis due to other specified organisms |
| CA | J20 | 9 | | | Acute bronchitis (unspecified) |
| CA | J21 | | | | Acute bronchiolitis |
| CA | J22 | | | | Unspecified acute lower respiratory infection |

(2) 행위분류 코드 제안

1) 인의/수의 행위코드 사례 분석을 통한 시사점

○ 장점 및 참고사항

- ICD-10-PCS의 경우와, 치의와 한의의 의료행위 분류체계 개선 연구에서 제시된 코드의 경우 다축적인 코드구성을 통해 코드 내에 다양한 의미를 담을 수 있음
- 다축적인 코드를 운영함으로써 코드 자체에 의미가 있기 때문에 통계적으로도 유리할 것으로 생각됨
- 치과에서 제시한 코드의 경우 대분류 중분류가 치과 행위에 대한 것으로만 정의되어 좀 더 세세한 행위를 분류할 수 있게 되었으며, 코드 자체에 여유가 생겨 새로운 코드를 추가하기에 용이함
- 한의과 코드의 경우 해외 코드체계에서 볼 수 있는 3 축(axis) 체계를 새롭게 도입하여 행위, 방법, 대상에 대해 의미를 부여함으로써 행위 자체에 자세한 묘사가 가능함

○ 단점 및 보완사항

- ICD-10-PCS의 경우 실제로 웹사이트에 들어가서 사용할 경우 온전한 의미를 갖는 코드를 찾기에 어려움이 있었음
- 한국 건강보험요양급여비용의 코드는 대분류와 분류번호로 총 2단 분류구조를 갖고 있어, 치의와 한의과에서 실시한 개선연구에서 언급한 것과 같이 세세한 행위의 구분이 불가능할 것으로 고려됨
- 건강보험요양급여비용 기본코드가 001~999까지 사용할 수 있으므로 만약 대분류에 해당하는 행위의 개수가 총 1000개가 넘어간다면 모두 표시를 할 수 없다는 문제가 생길 수 있음
- Suggested Fee Guide for Small Animal Procedures의 행위코드는 개와 고양이를 구분했을 뿐 나머지 행위에 대해서는 순차적인 나열을 하고 코드화시킨 형태로 모든 행위를 001~999까지 숫자에 모두 담았기 때문에 추후 행위코드 추가에 제약이 있을 수 있음

2) 수의 행위분류 코드 체계 제안(안)

○ 의미

- 동물의료에서 행해지는 의료행위를 적절한 체계에 따라 분류하고 관리할 수 있는 정보로 기록할 수 있도록 행위별로 코드명을 부여한 것. 의료의 범위, 서비스, 치료 방법, 입원 환자 처치 등을 기록함으로써 동물의료 행위의 성과, 진료 시스템의 효과성 등을 평가하는데 있어 자료로 활용할 수 있음

○ 개요

- 앞서 언급한 바와 같이 코드 자체는 다축적 구조를 통해 각 단위에 의미를 부여하고자 함
- 인의와 다르게 수의에서는 동물의 종을 고려해야 하므로 첫 자리 영역 1을 동물 종을 기재 하는 것으로 정의(질환 코드와 같음)

○ 기본 구조(안)

- 기본 구조는 총 5 영역으로 나누었으며 위 표와 같이 각 자리에 의미를 부여함
- 영역 2는 대분류, 영역 3은 행위 중분류로 구분
- 영역 4(소분류)는 방법명에 대한 표준용어, 해부학적 부위, 세부분류명으로 구성하였음
- 약물, 처치나 수술에서 사용되는 도구나 재료들을 표기하여 더 명확한 행위를 나타내기 위해 영역 5의 기타 코드를 붙임(병원 각자의 기존 코드 활용도 가능)

표 35. 수의학 행위분류 체계 코드 기본 구조 제안(안)

| Digit | 영역1 | 영역2 | 영역3 | 영역4 | 영역5 |
|-------|------------------|-----|--------|-------|---------|
| 분류 영역 | 동물 종 | 대분류 | 중분류 | 소분류 | 기타 |
| 설명 | CA(개) FE(고양이) | 행위 | 행위 세분류 | 하위 분류 | 그 밖의 내용 |
| 표기 방식 | AA | A | N | A | NN |

* 영역 4/5의 구분이 필요 없을 때는 무의미코드 사용(영역 4: 0, 영역 5: 00)

표 36. 수의진료행위 코드 영역 2(대분류)와 영역 3(중분류)

| 영역2 | | 영역3 | |
|-------|----|--------|----|
| 분류 | 코드 | 분류 | 코드 |
| 기본 진료 | A | 진료 | 1 |
| | | 입원 | 2 |
| 기본 검사 | B | 신체검사 | 1 |
| | | 정형검사 | 2 |
| | | 신경계검사 | 3 |
| | | 안검사 | 4 |
| | | 치과검사 | 5 |
| | | 피부과 검사 | 6 |
| 영상 검사 | C | X-ray | 1 |
| | | 초음파 검사 | 2 |
| | | CT | 3 |
| | | MRI | 4 |
| | | 내시경 검사 | 5 |

| | | | |
|--------|---|-------------|---|
| 실험실 검사 | D | 혈액검사 | 1 |
| | | 임상병리검사 | 2 |
| | | 조직병리검사 | 3 |
| | | 배양검사 | 4 |
| 조제 | E | 내복약 조제 | 1 |
| | | 안약 조제 | 2 |
| 마취 | F | 흡입마취 | 1 |
| | | 주사마취 | 2 |
| | | 진정 | 3 |
| | | 진통 | 4 |
| 이학 요법 | G | 재활치료 | 1 |
| 수술 | H | 일반외과 수술 | 1 |
| | | 정형신경외과 수술 | 2 |
| | | 안과 수술 | 3 |
| | | 치과 수술 | 4 |
| | | 산과 수술 | 5 |
| 약물처치 | I | 주사 | 1 |
| | | 내복약 투여 | 2 |
| | | 국소제 적용 | 3 |
| 기본 처치 | J | 채혈 | 1 |
| | | 붕대 및 드레싱 적용 | 2 |
| | | 붕대 및 드레싱 제거 | 3 |
| | | 술부평가 | 4 |
| | | 소독 및 세척 | 5 |
| | | 장비 삽입 | 6 |
| | | 장비 제거 | 7 |
| | | 수액 처치 | 8 |
| 기타 처치 | K | 기기 장착 | 1 |
| | | 기기 제거 | 2 |
| | | 사료 및 물 급여 | 3 |
| | | 미용 | 4 |

표 37. 수의진료행위 코드영역 4 확장

| 영역 2 | 영역3 | | 영역4 | |
|--------|---------------|------|--------------|--------|
| 코드 | 분류 | 코드 | 분류 | 코드 |
| A | 진료 | 1 | 초진 | A |
| | | | 재진 | B |
| | 입원 | 2 | 일반입원 | A |
| | | | 집중처치실 입원 | B |
| | | | 중환자 입원 | C |
| | B | 신체검사 | 1 | 기본신체검사 | A |
| 림프절 촉진 | | | | B |
| 부위 촉진 | | | | C |
| 정형 검사 | | 2 | 시진 | A |
| | | | 촉진 | B |
| | | | 조작 | C |
| 신경계 검사 | | 3 | 시진 | A |
| | | | 자세반응검사 | B |
| | | | 척수반사검사 | C |
| | | | 촉진 | D |
| 안검사 | | 4 | 안신경계검사 | A |
| | | | 눈물량검사 | B |
| | | | 안압검사 | C |
| | | | 슬릿 촬영 | D |
| | | | 안저검사 | E |
| | | | 형광염색 | F |
| | | | 기타검사 | G |
| 치과검사 | | 5 | 기본 구강검사 | A |
| | | | 사진촬영 | B |
| | | | dental x-ray | C |
| 피부과검사 | | 6 | 병변 시진 | A |
| | | | 병변부 촬영 | B |
| | | | 검이경 검사 | C |
| | | | wood lamp | D |
| | skin scraping | | E | |
| | hair plucking | | F | |
| | acetate tape | | G | |

| | | | | |
|------------|--------|-----|----------------|-------|
| | | | 빗질 검사 | H |
| | | | 피내 알러지 테스트 | I |
| C | X-ray | 1 | 흉부 | A |
| | | | 복부 | B |
| | | | 두개골 | C |
| | | | 척추 | D |
| | | | 사지 골격 및 관절 | E |
| | | | 투시 및 조영 | F |
| | | | 특수동물 | G |
| | | | 외부 영상 판독 | H |
| | | | 영상 복사 | I |
| | | | C | 초음파검사 | 2 | 기본 초음파 | A |
| 초음파 유도하 천자 | B | | | |
| CT | 3 | CT | | A |
| MRI | 4 | MRI | | A |
| | 내시경 검사 | 5 | 위내시경 검사 | A |
| D | 혈액검사 | 1 | 혈액학적 검사 | A |
| | | | 응고계검사 | B |
| | | | 전해질검사 | C |
| | | | 내분비검사 | D |
| | | | 혈청화학적 검사 | E |
| | 임상병리검사 | 2 | 혈액학적 검사 | A |
| | | | 요분석 검사 | B |
| | | | 홍수/복수/심낭수 검사 | C |
| | | | 세포학적 검사 | D |
| | | | 뇌척수액/관절액/기타 검사 | E |
| | | | 기타 특수 염색 | F |
| | | | 키트 검사 | G |
| | | | PCR | H |
| | 조직병리검사 | 3 | 조직병리검사 | A |
| | | | 특수 염색 | B |
| | 배양검사 | 4 | 호기배양 | A |
| | | | 혐기배양 | B |
| | | | 진균배양 | C |
| | | | 피부사상균배양 | D |
| | | | 항생제감수성 | E |

| | | | | |
|----------|---------|------|-----------------------|---|
| E | 내복약 | 1 | 가루약 | A |
| | | | 알약 | B |
| | 안약 | 2 | 안약 | A |
| F | 흡입마취 | 1 | - | Z |
| | 주사마취 | 2 | - | Z |
| | 진정 | 3 | 진정 정도 강 | A |
| | | | 진정 정도 중 | B |
| 진정 정도 약 | | | C | |
| 진통 | 4 | 중추신경 | A | |
| | | 말초신경 | B | |
| G | 재활치료 | 1 | 한냉요법 | A |
| | | | 열요법 | B |
| | | | 초음파치료 | C |
| | | | 펄스신호치료 | D |
| | | | 냉 레이저 요법 | E |
| | | | 마사지 | F |
| | | | 수동적 관절 운동범위와 수동적 스트레칭 | G |
| | | | 신경근육 전기자극 | H |
| | | | 운동치료 | I |
| | | | 수중요법 | J |
| H | 일반외과 수술 | 1 | 피부 계통의 수술 | A |
| | | | 눈 수술 | B |
| | | | 귀 수술 | C |
| | | | 복강 수술 | D |
| | | | 소화기계 수술 | E |
| | | | 간 수술 | F |
| | | | 간바깥 슬개골 수술 | G |
| | | | 내부분비계 수술 | H |
| | | | 혈액림프계 외과 | I |
| | | | 콩팥과 요관의 수술 | J |
| | | | 방광과 요도의 수술 | K |
| | | | 심장혈관계통 수술 | L |
| | | | 상부 호흡기 수술 | M |
| 하부호흡기 수술 | N | | | |

| | | | |
|--------------|---|--------------------|----|
| 정형신경외과 수술 | 2 | 경추와 척수 | A |
| | | 흉추 | B |
| | | 퇴행성 요천골 협착 | C |
| | | 척추 골절, 탈구, 아탈구 | D |
| | | 두개골 수술 | E |
| | | 경추 및 척수의 종양 | F |
| | | 개방 골절 | G |
| | | 내고정 | H |
| | | 외고정 | I |
| | | 뼈이식 | J |
| | | 견갑골 골절 | K |
| | | 어깨 | L |
| | | 상완골 골절 | M |
| | | 주관절(팔꿈관절) | N |
| | | 요골 및 척골 | O |
| | | 앞발목뼈, 앞발목허리뼈, 손가락뼈 | P |
| | | 골반 골절 | Q |
| | | 고관절 탈구 | R |
| | | 고관절 이형성 | S |
| | | 대퇴골 골절 | T |
| 슬관절 | U | | |
| 경골, 비골 골절 | V | | |
| 뒷발목뼈, 뒷발목허리뼈 | W | | |
| 절단 | X | | |
| 안과수술 | 3 | 안구 수술 | A |
| | | 안검 수술 | B |
| | | 비루관 및 눈물계 수술 | C |
| | | 결막 및 삼안검 수술 | D |
| | | 각막 및 공막 수술 | E |
| | | 전안방 및 포도막 수술 | FG |
| | | 녹내장 수술 | H |
| | | 수정체 및 백내장 수술 | I |
| | | 초자체 및 망막 수술 | J |
| 치과수술 | 4 | 스케일링 | A |
| | | 발치 | B |

| | | | | |
|-------|-------------|------|------------|---|
| | | | 치주 치료 | C |
| | | | 근관 치료 | D |
| | | | 수복 치료 | E |
| | | | 교정 | F |
| | | | 구강 수술 | G |
| | 산과수술 | 5 | 생식기계 수술 | A |
| I | 주사 | 1 | 피하 | A |
| | | | 근육 | B |
| | | | 정맥 | C |
| | 내복약 투여 | 2 | 알약 | A |
| | | | 가루약 | B |
| | 국소제 적용 | 3 | 연고 | A |
| 안약 | | | B | |
| 기타 | 4 | 기타 | A | |
| J | 채혈 | 1 | 경정맥 | A |
| | | | 앞다리 | B |
| | | | 뒷다리 | C |
| | 붕대 및 드레싱 적용 | 2 | 붕대 적용 | A |
| | | | 드레싱 적용 | B |
| | 붕대 및 드레싱 제거 | 3 | 붕대 제거 | A |
| | | | 드레싱 제거 | B |
| | 술부평가 | 4 | 시진 | A |
| | | | 촉진 | B |
| | 소독 및 세척 | 5 | 수술 전 술부 소독 | A |
| | | | 수술 후 술부 소독 | B |
| | | | 세척 | C |
| | 장비 장착 | 6 | 순환기계 | A |
| | | | 호흡기계 | B |
| 소화기계 | | | C | |
| 비뇨기계 | | | D | |
| 생식기계 | | | E | |
| 기타 | | | F | |
| 장비 제거 | 7 | 순환기계 | A | |
| | | 호흡기계 | B | |
| | | 소화기계 | C | |

| | | | | |
|---|-----------|---|----------|---|
| | | | 비뇨기계 | D |
| | | | 생식기계 | E |
| | | | 기타 | F |
| | 수액 처치 | 8 | 정맥 | A |
| | | | 피하 | B |
| K | 기기 장착 | 1 | 마이크로칩 | A |
| | | | 혈당측정계 | B |
| | 기기 제거 | 2 | 혈당측정계 | A |
| | 사료 및 물 급여 | 3 | 일반 식이 급여 | A |
| | | | 강제 식이 급여 | B |
| | | | 일반 음수 급여 | C |
| | | | 강제 음수 급여 | D |
| | 미용 | 4 | 삭모 | A |
| | | | 빗질 | B |

○ 행위 정의

- 각각의 행위는 행위코드, 정의, 행위명, 실시 방법 등을 포함하여 정의되어야 함. 추후 행위는 행위정의 개발연구 등을 통해 별도로 개발되어야 함
- 양식은 의학, 치의학, 한의학계의 사례를 비교 검토하여 행위코드와 행위명(한글 및 영문), 행위 유형, 관련 학회, 적응증, 실시 방법, 주요사용 장비, 시술시간, 수의사의 업무 강도와 량 등을 담을 수 있음

표 38. 행위 정의 양식의 예)

| 행위 코드 | | 영역1 | 영역2 | 영역3 | 영역4 | 영역5 |
|------------|------|----------------------------------|-----|-----|-----|-----|
| 행위명(한글명) | | | | | | |
| 행위명(영문명) | | | | | | |
| 행위 유형 | | | | | | |
| 관련 학회 | | | | | | |
| 적응증 | | | | | | |
| 실시 방법 | | | | | | |
| 주 요사용 장비 | | | | | | |
| 시술 시간 | | | | | | |
| 수의사의 업무 | 업무량 | 행위에 걸린 시간 (시술 전/시술 중/시술 후 구분 가능) | | | | |
| | 업무강도 | 상/중/하 | | | | |

○ 코드 활용(예)

- 다빈도 처치에서 코드 적용 예

표 39. 마취 관련 다빈도 처치 코드 적용 예

| 구분 | 영문명 | 한글명 | 영역 | | | | |
|-------|------------------------|------------|----|---|---|---|----|
| | | | 1 | 2 | 3 | 4 | 5 |
| 마취/기본 | IV fluids | 정맥 내 수액 투여 | CA | J | 8 | A | 00 |
| 마취 | Preanesthetic sedation | 마취 전 진정 | CA | F | 3 | A | 00 |
| 마취/기본 | Intubation | 기관 카테터 삽관 | CA | J | 6 | B | 00 |
| 마취 | IV induction | 정맥 주사 유도 | CA | F | 2 | 0 | 00 |
| 마취 | Inhalant(60 m) | 호흡 마취, 60분 | CA | F | 1 | 0 | 00 |

표 40. 백신 관련 다빈도 처치 코드 적용 예

| 구분 | 영문명 | 한글명 | 영역 | | | | |
|----|----------------------|----------------------|----|---|---|---|----|
| | | | 1 | 2 | 3 | 4 | 5 |
| 백신 | DHPPL(DHPP) vaccine | DHPPL(DHPP) 종합 백신 접종 | CA | I | 1 | A | 01 |
| 백신 | Corona vaccine | 코로나 바이러스 백신 접종 | CA | I | 1 | A | 02 |
| 백신 | Kennel cough vaccine | 켄넬코프 백신 접종 | CA | I | 4 | A | 03 |
| 백신 | Rabies vaccine | 광견병 백신 접종 | CA | I | 1 | A | 04 |

*예방을 따로 행위 코드 설정할 것인지에 대한 결정 필요

* 5영역에 백신명은 병원별로 확장 가능

표 41. 치과 수술 시 다빈도 처치에서 코드 적용 예

| 구분 | 영문명 | 한글명 | 영역 | | | | |
|-------|---|------------------------|----|---|---|---|----|
| | | | 1 | 2 | 3 | 4 | 5 |
| 치과/기본 | IVC and placement | 정맥 내 카테터 장착 | CA | J | 6 | A | 00 |
| 치과/검사 | CBC with differential | 전체 혈구 계산 및 혈구 감별 검사 | CA | D | 1 | A | 00 |
| 치과/검사 | Chemistry panel with eight chemistries | 8종 혈청화학 검사 | CA | D | 1 | E | 00 |
| 치과/주사 | Preoperative /postprocedure pain medication | 수술 전/후 진통 처치 | CA | F | 4 | B | 00 |
| 치과/마취 | Anesthesia (30 minutes) | 주사마취(30 분) | CA | F | 2 | 0 | 00 |
| 치과수술* | Extraction Tooth | 발치 | CA | H | 4 | B | 00 |
| 치과/주사 | Injectable antibiotics postprocedure | 수술 후 항생제 주사 | CA | I | 1 | C | 00 |

* 수술은 수술 예시 일례임

표 42. 다빈도 기본 검사 코드 적용 예

| 구분 | 영문명 | 한글명 | 영역 | | | | |
|----|---|--------------------|----|---|---|---|----|
| | | | 1 | 2 | 3 | 4 | 5 |
| 검사 | Schirmer tear test | 쉬르머 눈물분비량 검사 | CA | B | 4 | B | 00 |
| 검사 | Corneal stain | 각막 염색 검사 | CA | B | 4 | E | 00 |
| 검사 | Ear swab exam/stain (otitis externa) | 귀 도말 검사/염색(외이염) | CA | D | 2 | E | 00 |
| 검사 | Tonometry | 안압 검사 | CA | B | 4 | C | 00 |

- 본 연구에서 개발한 수의임상프로토콜 4종에 대한 중성화, 슬개골 탈구, 외이염, 피부염에 대한 진단, 치료 행위프로토콜에 코드 활용
- 영역 5의 경우 임의 번호를 지정함(6, 7자리)

표 43. 개 중성화 (수컷) 표준 진단 프로토콜과 치료 프로토콜 코드 사례

| 구분 | 작성 | CODE |
|---------------------------|--|-----------------------|
| 표준 진단 프로토콜 (암컷) | 재진 문진 | CAA1B01 |
| | 신체 검사 (기본 신체검사) | CAB1A00 |
| | 신체 검사 (복부 촉진) | CAB1C03 |
| | 영상 검사 (흉부 방사선) | CAC1A01 |
| | 영상 검사 (연부조직 초음파) | CAC2A04 |
| | 혈액 검사 (CBC+Differential count) | CAD1A02 |
| | 혈액 검사 (Serum Chemistry-Pre Op) | CAD1E03 |
| | 혈액 검사 (전해질 검사) | CAD1C04 |
| 표준 치료 프로토콜 (암컷 중성화) | IV 카테터 장착 | CAJ6A02 |
| | 정맥 내 약물 투여 (항생제 (예: cefazolin)) | CAI1C00 (+약물 고유번호) |
| | 정맥 내 약물 투여 (진정제 (예: midazolam)) | CAI1C00 (+약물 고유번호) |
| | 정맥 내 약물 투여 (진통제 (예: hydromorphone)) | CAI1C00 (+약물 고유번호) |
| | 정맥 내 약물 투여 (유도제 (예: alfaxalone)) | CAI1C00 (+약물 고유번호) |
| | 정맥 내 약물 투여 (유지제 (예: isoflurane)) | CAI1C00 (+약물 고유번호) |
| | H/S 수액 처치 | CAJ8A02 |
| | 수술 부위 삭모 | CAK4A33 |
| | 수술 부위 소독 | CAJ5A33 |
| | 수술 1. 개방 음낭앞 거세술 | CAH5A01 |
| | 수술 2. 폐쇄 음낭앞 거세술 | CAH5A02 |
| | 수술 3. 회음 거세술 | CAH5A03 |
| | 내복약(기본 가루약) 조제 | CAE1A01 (+약물 고유번호) |

표 44. 개 중성화 (암컷) 표준 진단 프로토콜과 치료 프로토콜 코드 사례

| 구분 | 작성 | CODE |
|---------------------------|--|-----------------------|
| 표준 진단 프로토콜 (암컷) | 재진 문진 | CAA1B01 |
| | 신체 검사 (기본 신체검사) | CAB1A00 |
| | 신체 검사 (복부 촉진) | CAB1C03 |
| | 신체 검사 (외음부 촉진) | CAB1C35 |
| | 임상병리 검사 (외음부 분비물 도말) | CAB2E01 |
| | 영상 검사 (흉부 방사선) | CAC1A01 |
| | 영상 검사 (복부 초음파) | CAC2A02 |
| | 혈액 검사 (CBC+Differential count) | CAD1A02 |
| | 혈액 검사 (Serum Chemistry-Pre Op) | CAD1E03 |
| | 혈액 검사 (전해질 검사) | CAD1C04 |
| 표준 치료 프로토콜 (암컷 중성화) | IV 카테터 장착 | CAJ6A02 |
| | 정맥 내 약물 투여 (항생제 (예: cefazolin)) | CAI1C00 (+약물 고유번호) |
| | 정맥 내 약물 투여 (진정제 (예: midazolam)) | CAI1C00 (+약물 고유번호) |
| | 정맥 내 약물 투여 (진통제 (예: hydromorphone)) | CAI1C00 (+약물 고유번호) |
| | 정맥 내 약물 투여 (유도제 (예: alfaxalone)) | CAI1C00 (+약물 고유번호) |
| | 정맥 내 약물 투여 (유지제 (예: isoflurane)) | CAI1C00 (+약물 고유번호) |
| | H/S 수액 처치 | CAJ8A02 |
| | 수술 부위 삭모 | CAK4A03 |
| | 수술 부위 소독 | CAJ5A03 |
| | 수술 1. 난소자궁절제술(중성화수술) | CAH5A04 |
| | 수술 2. 복강경을 이용한 난소자궁절제술 | CAH5A05 |
| | 정맥 내 약물 투여 (진통제 (예: meloxicam)) | CAI1C02 (+약물 고유번호) |
| | 내복약 조제 | CAE1A01 (+약물 고유번호) |

표 45. 개 슬개골 탈구(CAM22.0) 수술 진단 및 치료 프로토콜 코드 사례

| 구분 | 작성 | CODE |
|----------------|--|-----------------------|
| 표준 진단 프로토콜 | 병력 청취 | CAA1B01 |
| | 신체 검사 (기본 신체검사) | CAB1A00 |
| | 정형 검사 (보행 평가) | CAB2A01 |
| | 정형 검사 (슬관절 촉진) | CAB2B21 |
| | 정형 검사 (슬관절 조작) | CAB2C21 |
| | 영상 검사 (슬관절 방사선) | CAC1E21 |
| | 영상 검사 (슬관절 CT 검사) | CAC3A21 |
| | 실험실 검사 (슬관절액 검사) | CAD2E02 |
| | 영상 검사 (흉부 방사선) | CAC1A01 |
| | 혈액 검사 (CBC+Differential count) | CAD1A02 |
| | 혈액 검사 (Serum Chemistry-Pre Op) | CAD1E03 |
| | 혈액 검사 (전해질) | CAD1C04 |
| 표준 치료 프로토콜 | IV 카테터 장착 | CAJ6A02 |
| | 정맥 내 약물 투여 (항생제 (예: cefazolin)) | CAI1C00 (+약물 고유번호) |
| | 정맥 내 약물 투여 (진정제 (예: midazolam)) | CAI1C00 (+약물 고유번호) |
| | 정맥 내 약물 투여 (진통제 (예: hydromorphone)) | CAI1C00 (+약물 고유번호) |
| | 척맥 내 약물 투여 (유도제 (예: alfaxalone)) | CAI1C00 (+약물 고유번호) |
| | 정맥 내 약물 투여 (유지제 (예: isoflurane)) | CAI1C00 (+약물 고유번호) |
| | H/S 수액 처치 | CAJ8A02 |
| | 슬관절 수술 부위 삭모 | CAK4A21 |
| | 슬관절 수술 부위 소독 | CAJ5A21 |
| | 수술 1. 연부조직 재건술-Lateral imbrication, Medial release | CAH2U01 |
| | 수술 2. 뼈 재건술-Trochleoplasty | CAH2U02 |
| | 수술 3. 뼈 재건술-Tibial tuberosity transposition | CAH2U03 |
| | 수술 4. 뼈 재건술-Distal femoral osteotomy | CAH2U04 |
| | 수술 5. 회전 방지 봉합(anti-rotational suture) | CAH2U05 |
| 내복약(일반 가루약) 조제 | CAE1A01 (+약물 고유번호) | |

표 46. 개 외이염 진단 및 치료 프로토콜 코드 사례

| 구분 | 작성 | 코드 |
|---------------|---|------------------------|
| 표준 진단 프로토콜 | 병력 청취 | CAA1A01 |
| | 기본 신체검사 | CAB1A01 |
| | 검이경 검사 | CAB6C01 |
| | 세포학 검사(귀 삼출물 도말) | CAD2E00 |
| | 조직 병리학 검사(생검) | CAD3A01 |
| | 세균 배양검사 | CAD4A00 |
| | 곰팡이 배양검사 | CAD4C00 |
| | 항생제 감수성 검사 | CAD4E00 |
| | 방사선 검사 | CAC1C01 |
| | CT 검사 | CAC3A01 |
| | MRI 검사 | CAC4A01 |
| | 혈액 검사 1: CBC | CAD1A01 |
| | 혈액 검사 2: Serum Chemistry | CAD1E03 |
| | 혈액 검사 3: 호르몬 검사 (Cortisol, T3, T4, TSH) | CAD1D10 |
| | 뇨검사 | CAD2B04 |
| | 알러지 검사 | CAB6I00 |
| 표준 치료 프로토콜 | 귀세정 | CAK4D00 |
| | 국소제제 사용 | CAI3E00 |
| | 항생제 복용 | CAI2B00 (+약물 고유번호) |
| | 항진균제 복용 | CAI2B00 (+약물 고유번호) |
| | 항구충제 복용 | CAI2B000 (+약물 고유번호) |
| | 스테로이드제 복용 | CAI2B00 (+약물 고유번호) |
| | 수술 1: Lateral ear canal resection | CAH1C01 |
| | 수술 2: Vertical ear canal resection | CAH1C02 |
| | 수술 3: Ventral bulla osteotomy | CAH1C03 |
| | 수술 4: Total ear canal ablation + Lateral bulla osteotomy | CAH1C04 |
| | 보호자 교육 | CA1A02 |

표 47. 개 피부염 진단 및 치료 프로토콜 코드 사례

| 구분 | 작성 | 코드 |
|---------------|--------------------------------|-----------------------|
| 표준 진단 프로토콜 | 병력 청취 | CA1A01 |
| | 기본 신체검사 | CB1A01 |
| | 스킨 스크래핑 | CB6E(00) |
| | 헤어코트 빗질 | CB6H(00) |
| | 모발 현미경 | CB6F(00) |
| | 일반 세포학 검사 | CD2D01 |
| | 조직 병리 검사(생검) | CD3A01 |
| | 세균 배양 검사 | CD4A(00) |
| | 곰팡이 배양 검사 | CD4C(00) |
| | 항생제 감수성 검사 | CD4E(00) |
| | 혈액 검사 1: CBC | CD1A01 |
| | 혈액 검사 2: Serum Chemistry | CD1E03 |
| | 혈액 검사 3: Cortisol, T3, T4, TSH | CD1D10 |
| | 뇨 검사 | CD2B04 |
| | 피내 피부알러지 검사 | CB6I(00) |
| | 체외 알러지 진단 검사(ELISA 또는 RAST) | CD2G(00) |
| 표준 치료 프로토콜 | 피부 국소치료(삭모, 국소제 적용) | CK4A(00) |
| | 피부 전신치료(약욕) | CK4C(00) |
| | 항생제 복용 | CAI2B01 (+약물 고유번호) |
| | 항진균제 복용 | CAI2B01 (+약물 고유번호) |
| | 항기생충제 복용 | CAI2B01 (+약물 고유번호) |
| | 항히스타민제 복용 | CAI2B01 (+약물 고유번호) |
| | 필수지방산 복용 | CAI2B01 (+약물 고유번호) |
| | 호르몬제 복용 | CAI2B01 (+약물 고유번호) |
| | 면역조절제 복용 | CAI2B01 (+약물 고유번호) |
| | 항정신성 복용 | CAI2B01 (+약물 고유번호) |
| | 비타민 및 미네랄 복용 | CAI2B01 (+약물 고유번호) |
| | 보호자 교육 | CA1A02 |

(3) 수의임상프로토콜(Veterinary Clinical Protocol) 개발

1) 현재 수의계 임상진료 매뉴얼의 한계

- 현재 수의계에서는 임상진료지침이 마련되어 있지 않음. 매뉴얼 수준의 프로토콜로는 진료의 투명성과 효율성을 높이기 어려움
- 2009년 대한수의사회 표준 진료 프로토콜은 표준진료지침(critical pathway, CP)과 유사하지만 코드화한 과정만을 나열하고 있으며, 2016년 서울시 수의사회 동물병원임상프로토콜은 임상진료지침(clinical practice guideline)을 표방하고 있으나 학술적 근거가 불분명함
- 표준진료지침과 임상진료지침 모두 다양한 전문가와 참여하는 위원회 설립 등을 포함하여 많은 시간과 노력이 필요함
- 표준진료지침/임상진료지침은 법적 근거를 가지고 있으나 수의계의 매뉴얼을 어떤 법적 근거도 가지고 있지 않음
- 따라서 현 수의계의 현실을 반영하고, 본 연구용역의 취지에 맞도록 표준진료지침으로 활용할 수 있는 “수의임상프로토콜” 개발절차를 제안하고, 다빈도 질환에 대한 샘플 수의임상프로토콜을 제시하고자 함

※ 참고: 농장동물(소, 말, 돼지, 닭, 오리 등) 분야에 수의임상프로토콜 개발 및 적용

- 현재 농림부에서 시범사업으로 진행하고 있는 가축질병치료보험의 원활한 운영을 위하여 소 질병 및 행위코드와 표준 프로토콜 개발 중
- 현재 시범사업에서 적용하고 있는 대상질병은 전체 질병의 일부분으로 가축질병치료보험의 전국적 운영(2025년 예정)을 위하여 모든 소 질병에 대한 코드 및 프로토콜 개발이 필요함. 개체로 치료받는 동물(소, 말)과 집단으로 관리되는 동물(돼지, 닭, 오리)에서는 행위코드의 차이가 예상됨
- 본 연구진에는 농장동물 수의임상프로토콜 개발 연구원이 포함되어 있으며 관련된 제안된 수의임상프로토콜 개발 과정을 공유하며 협력하고 있음

2) 수의임상프로토콜(Veterinary Clinical Protocol) 개요

- 기존의 두 종류의 매뉴얼의 기능을 통합(진료 방법 + 진료 코드)하여 병원별로 상이할 수 있는 코드 및 용어 표준화고 질환별로 진료 프로세스에 대한 근거를 확보함

- 현재까지의 **임상매뉴얼과 임상진료지침의 중간 단계로서 수의임상프로토콜을 제안함**. 그러나 향후 국내 의료계의 CPG 개발 사례나 앞서 언급한 WSAVA의 canine atopic dermatitis CPG 사례를 참고하여 국내 수의계에서도 전문인력을 주축으로 한 CPG 개발이 필요
- CPG 개발을 위한 그룹을 구성하는 것, 개발과정과 개발 이후에 발생할 수 있는 이해관계 충돌을 조율하는 것 같은 어려움이 있으므로 **수의계 전체적인 참여와 합의를 이끌어내는 것이 중요**
- 향후 수의 전문의 제도 및 **전문학회 활성화**에 따라 CPG 개발이 활성화 될 것으로 기대함

○ 수의임상프로토콜의 특성

- 진료과가 아니라 **질환별** 독립적인 프로토콜 개발
- **기존의 프로토콜과 문헌 조사**를 통한 근거 기반 프로토콜 개발
- **전문 학회의 검증과 인증 절차** 포함

3) 수의임상프로토콜(Veterinary Clinical Protocol) 개발 (안)¹⁶⁾

○ 수의임상프로토콜 구성

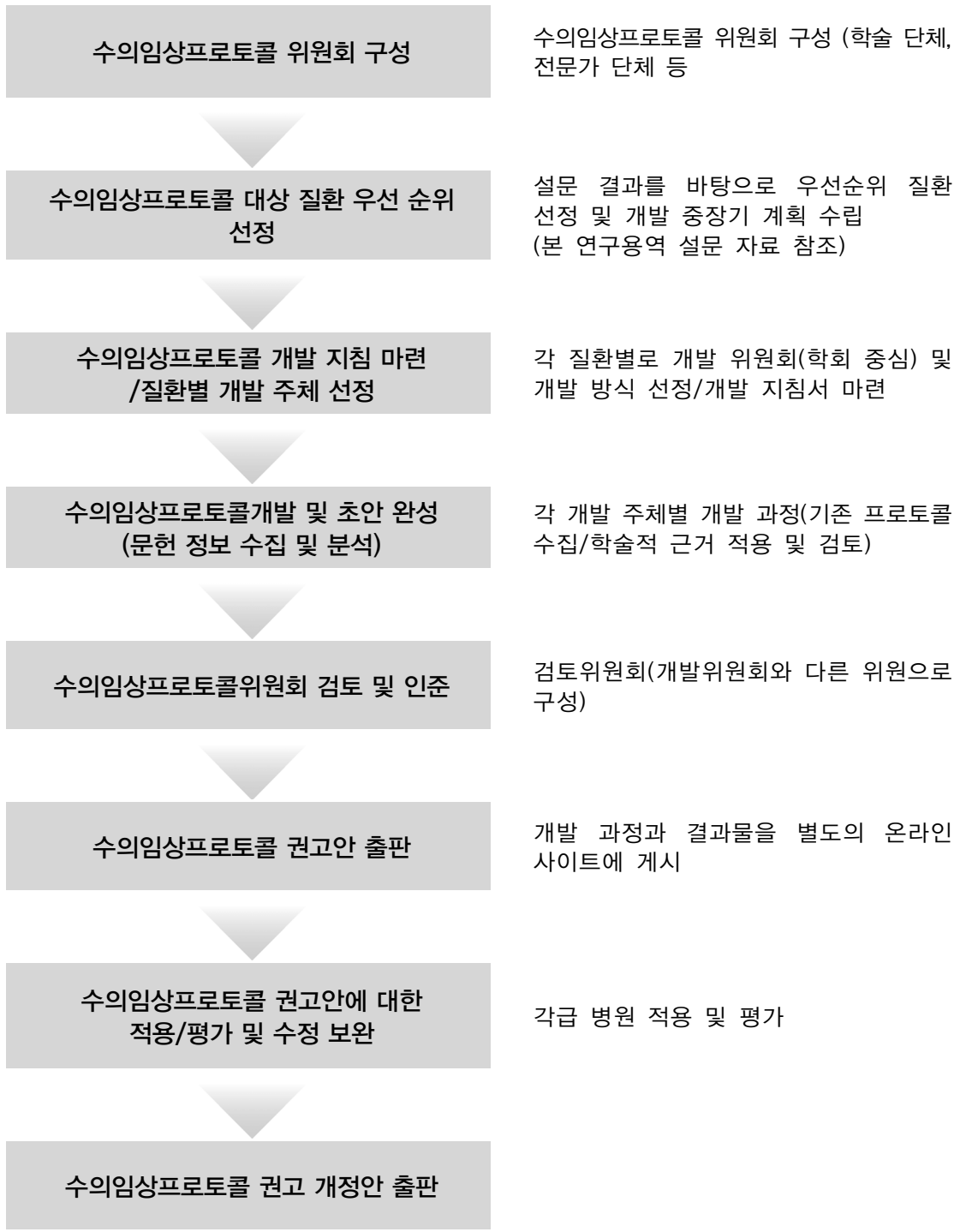
- 임상 질문을 별도로 추출하지는 않았으나 CPG의 구성을 일부 차용하여 질병에 대한 정의와 기전, 관련 통계자료를 제시
- 가능한 진단과 진료 프로토콜을 문헌 근거와 함께 제시

표 48. 수의임상프로토콜 구성(안)

| | | |
|----------------|------------------------------------|-------|
| 질환 및 진료 항목의 정의 | 근거(참고문헌/연구결과)에 기반한 질환/진료 항목에 대한 정의 | |
| 병인 및 기전 | 최신 연구결과를 포함하는 병인 및 기전 | |
| 관련 통계 자료 | 관련 질병 임상 통계 자료(가능할 경우) | |
| 진단 프로토콜 | 검사법/검사결과 분석 치료 프로토콜 결정 | 행위 코드 |
| 치료 프로토콜 | 순차적 진료 행위 (필요한 진료 도구 및 기술) | 행위 코드 |
| 참고문헌 | 각 단계에서 제시된 근거 통합 리스트 | |

16) 한국한의학연구원(2015). 아토피 피부염 한의임상진료지침. 18-21 참조.

○ 수의임상프로토콜 개발 단계(안)



○ **수의임상프로토콜위원회 구성**

- 수의임상프로토콜위원회는 학술단체(대한수의학회, 한국임상수의학회, 한국수의과대학 협회, 한국수의학교육학회, 한국수의임상교육협의회) 또는 전문가 단체(대한수의사회, 동물병원협회, 한국고양이수의사회 등 축종별 수의사회)에 설치할 수 있으며, 학술 및 전문가 단체(수의과대학 병원, 전공분야별 학회 또는 연구회)가 컨소시엄을 구성하여 연합으로 또는 독립적으로 설치할 수도 있음
 - 또한 수의임상프로토콜위원회를 대한수의사회 또는 수의정책연구원(가칭, 현재 설립 작업 중)에 둘 경우, 수의정책연구원장이 운영 시 위원회의 총괄책임을 맡아 조직 운영 및 예산집행 인력 확보 계획을 수립할 수 있음. 수의임상프로토콜 개발 예산은 정부(개발 비용)와 대한수의사회/수의정책연구원(운영 및 홍보 비용)를 통해 예산을 확보할 수 있음
 - 앞서 기술한 바와 같이, 학술단체(대한수의학회, 한국임상수의학회) 또는 전문가 단체(대한수의사회, 동물병원협회)가 공동으로 참여하는 정부에서 예산을 지원하는 연구사업단/추진사업단의 형식으로 전문위원회를 설치할 수 있음
- 수의임상프로토콜위원회의 총괄위원회는 각 단계에 대한 규정과 절차를 정립해야 함
- 수의임상프로토콜위원회는 수의임상프로토콜 개발을 총괄기획(총괄위원회)하며, 질환별, 개발 단계별 전문가 그룹(개발위원회/평가위원회)을 구성하고, 그룹별로 소위원회(위원장 1인, 간사1인, 위원 5인)를 두는 것이 바람직함. 개발위원회의 공신력을 확보하기 위해 학술 역량이 증명된 전문가(관련 주제 전문가, 박사급 이상 또는 임상 경력 10년 이상)로 구성해야 함. 특히 개발위원회와 평가위원회를 별도로 두어 개발 과정의 투명성과 전문성을 확보할 수 있도록 함. 평가위원회와는 별도로 비전문가(동물보호자, 소비자 단체 등)가 참여하는 자문위원회를 두어 관련 이해당사자들의 의견을 반영할 수 있도록 함
- ※ 예) 개발/평가위원회는 각 질환과 관련된 전문학회(전문학회가 전문의 제도의 주체임) 및 대학 전공 교수 연구실을 활용할 수 있음. 예를 들어, 중성화와 슬개골탈구의 경우 한국수의외과학회(<http://kvsweb.org/>, 회장 정순욱) 또는 한국수의외과학교수협의회 등이 담당할 수 있음. 외이염과 피부염의 경우, 대한수의피부학회(<http://www.ksvd.org/>, 회장 오태호)가 담당할 수 있음. 또한 각 대학의 외과학 연구실, 피부학 연구실과 전공 교수들이 개발 과정에 참여할 수 있음
- 우선 순위 질환의 선정은 수의임상프로토콜 개발전문위원회의 역할임. 우선 순위는 빈도와 중요성 등을 다각적으로 비교하여 구성함. 전문위원회 총괄위원회에서 델파이법으로 조사하여 수치화 하는 것도 방법이 될 수 있음. 본 용역에서 조사한 동물병원 치료행위의 빈도별 순위를 기준으로 질환을 그룹화하여 순위가 높은 그룹에서 우선 순위 질환을 선정할 수 있음. 이와 더불어 내용적으로 혼란의 여지가 많은 질환 (자문위원회를 통한 동물보호자의 수요 및 고충 반영)에 가중치를 두어 우선 순위를 높게 선정할 수 있음
- 수의임상프로토콜 총괄위원회는 권고 단계에서 향후 병원별, 처치별, 환자별, 보호자의 요구를 반영하여 자율성을 가지고 활용할 수 있도록 각 질환별 처치 행위를 필수 및 선택

등으로 구분하여 권고할 수 있음

- 수의임상프로토콜 총괄위원회는 권고 단계에서 일부 처치를 필수(권고 수준 높음), 선택으로 구분하여 권고 할 수 있음

3) 수의임상프로토콜(Veterinary Clinical Protocol) 예시¹⁷⁾

- 본 연구에서는 내과 질환 중 다발/다빈도 질환인 외이염과 피부염, 외과 수술 중 중성화 수술 및 슬개골 탈구 수술에 대한 수의임상프로토콜의 **예상 결과물**을 제시하고자 함
- 그러나 본 결과물은 연구진이 자체 개발하여 **수의임상프로토콜 개발 단계를 거치지 않은 것으로 단순한 예시일 뿐 결과물을 현장에서 활용할 수 없음을 밝혀둠**

[자문회의 결과 요약] 동물병원 진료 표준화에 대한 의견 수렴

- 일시: 2020년 4월 16일(목)
- ZOOM 화상회의/서면 의견 수렴
- 장소: 서울대학교 수의과대학 학장실
- 참가자 (연구원 7인 외 8명)
 - 이병렬 한국동물병원협회장(광주 중앙동물병원)
 - 박근하 강원도수의사회장(원주종합동물병원)
 - 황수현 원장(대전 케나인동물병원)
 - 김정환 원장(이습동물병원)
 - 이요윤 원장(서울 중계이오동물병원)
 - 정학섭 원장(광주 봉선동물병원)
 - 천병훈 전 부산시수의사회장(천 동물병원)
 - 윤홍준 원장(서울 월드펫동물병원)
- 주요 내용 정리
 - 진료 표준화를 위해 본 연구에서 제시된 진료 코드 체계와 진료 프로토콜 지정 방식은 큰 틀에서는 전반적으로 잘 정리되었음. 다만, '표준화' 라는 용어의 명확한 의미를 보고서 초반에 제시할 필요가 있음
 - 현 시점에서 매우 적절한 내용의 용역이라고 생각됨. 연구 결과에 기반한 로드맵이 향후 동물진료 표준화에 도움을 줄 것으로 기대함
 - 질환코드 체계는 의학에서 활용하고 있는 체계의 수용이 적절할 것으로 생각됨. 추후 사람과 동물의 질병 데이터 통합 분석 및 비교 분석이 가능할 수 있음. 병원에서 사용하는 EMR에서 활용이 가능하도록 기술적인 고려가 필요함. 해당 연구용역을 바탕으로 추후 규모별 동물병원에서 어떻게 데이터를 관리하고 취합할지에 대한 논의가 진행되어야 함

17) 수의임상프로토콜 4종 예시(안) (별책 참조)

- 행위코드 체계도 개발 단계에서는 동물병원에서 이루어지는 행위를 모두 반영한 것으로 판단됨. 다만, 현장에서 시험 기간을 충분히 두고 활용한 후 그 결과에 바탕으로 두고 순차적으로 수정해나가야 함. 향후 단계에서는 한국동물병원협회에서 보다 적극적으로 참여해야함. 특히, 현재 구분되지 않고 수행되고 있는 진료 행위의 경우, 상황과 환자의 상태에 따라 독립된 서비스로 정의할 수 있도록 많은 논의가 필요함.
- 제안된 수의임상프로토콜의 체계도 적절한 것으로 생각됨. 다만, 표준프로토콜을 개발하는데 있어 시간과 인력의 투입이 필요하기 때문에 로드맵에서 계획이 잘 제시되어야 함
- (대동물에서) 농협손해보험 적용 시 이런 표준화 작업이 이루어지 않아 혼란을 겪고 있음. 다발질병 150개를 진단명으로 구분하여 적용하려 했지만 용어의 혼란, 코드의 부재, 프로토콜의 표준화가 이루어지지 않았고, 현재 신뢰할 수 있는 질병 통계가 없는 상황임. 따라서 시간이 걸리더라도 이해당사자들과 소통과 협력을 통해서 표준화 작업이 진행되어야 함
- 본 연구결과를 일선 수의사들이 이해할 수 있도록 홍보와 의견의 지속적인 수렴이 향후 중요할 것으로 생각됨. 연구팀의 협조가 필요함



[회의 모습1]



[회의 모습2]

3.5. 동물병원 진료 표준화 로드맵

| 단계 | 진료정보 표준화 | 수의임상 프로토콜 | 제도 및 환경 조성 | 보호자-수의사 소통 |
|-----------------|--|---|-----------------------------------|--|
| 준비 단계 (2020) | 기초 조사 및 관계자 의견 수렴 (본 연구영역의 범위) <ul style="list-style-type: none"> - 국내외 의료 및 수의계 진료 표준화 방안 사례 조사 - 질환 및 진료 행위 현황 조사 - 질환/행위 코드 체계 수립 방안 마련 - 수의임상프로토콜 개발 방안 마련 | | 관련 예산 및 법적 근거마련 | 동물등록 독려 |
| 1단계 (2021) | 동물병원 진료정보 표준화 위원회 <ul style="list-style-type: none"> - 질환 및 행위 코드 체계 확립 - 시범사업 운영 | 수의임상프로토콜 개발위원회 <ul style="list-style-type: none"> - 임상프로토콜 개발 절차 수립 - 우선순위 임상프로토콜 30개 선정 - 1차 개발(10개) | 동물 진료 발전 중장기 1차 계획 (2021-2025) 수립 | 동물 진료 관련 보호자 고충 분석 진료 분쟁 절충 절차 마련 |
| 2단계 (2022) | 동물병원 진료정보 표준화 위원회 <ul style="list-style-type: none"> - 병원 규모별 적용(대학병원) - 임상프로토콜과 연계 | 수의임상프로토콜 개발위원회 <ul style="list-style-type: none"> - 1차 개발 프로토콜 시범 운영 및 보완 - 2차 개발(10개) | 동물병원 진료 표준화 제도 정비 및 시스템 구축 | 진료 분쟁 및 고충 전담 기구 설치 |
| 3단계 (2023) | 동물병원 진료정보 표준화 위원회 <ul style="list-style-type: none"> - 병원 규모별 적용 확대(대형병원) - 진료 정보(질환/행위) 취합 및 분석 | 수의임상프로토콜 개발위원회 <ul style="list-style-type: none"> - 2차 개발 프로토콜 시범 운영 및 보완 - 3차 개발(10개) - 병원규모별 순차적 적용 | | 보호자 대상 진료 정보 지속적인 홍보 |
| 4단계 (2024) | 동물병원 진료정보 표준화 위원회 <ul style="list-style-type: none"> - 병원 규모별 적용 확대(중소형병원) | 수의임상프로토콜 개발위원회 <ul style="list-style-type: none"> - 3차 개발 프로토콜 시범 운영 및 보완 | 동물 진료 발전 중장기 2차 계획 (2026-2030) 수립 | |

○ 동물병원 진료 표준화의 정의와 의의

- 진료 표준화는 크게 진료 정보의 표준화와 진료 프로토콜 표준화로 구분할 수 있음
- 진료 정보 표준화는 동물병원 내원 환자의 정확한 진단 절차에 따른 질환/질병에 대한 코드화 및 이를 통한 의미 있는 정보 축적 및 분석 전반을 의미함
- 진료 정보 표준화를 위해 모든 동물병원에서 전자차트에 활용할 수 있는 질환/질병명, 행위(진단 및 처치)명을 설정한 후, 2차병원에서 적용, 이후 1차병원으로 확장하여 적용하여야 함
- 최신의 근거기반, 전문가의 검토를 거쳐 수의계 전반의 동의를 근간으로 한 진료 프로토콜은 진료의 투명성과 과학성을 증진 시킬 수 있음
- 현재 보험 (향후 공시제에서도) 혼란을 줄 수 있는 진료 프로토콜의 가장 기본적인 형태를 제시하는 것은 보호자와 환자, 그리고 수의사 모두를 보호하는 과정임
- 동물병원 진료 표준화는 다양한 이해당사자와 진료의 맥락을 고려해 전문 지식과 기술에 의거하여 진행되어야 하기 때문에 단계별로, 중장기 계획을 수립하여 진행하여야 하는 복합적인 과정임
- 따라서 국가 차원의 지원(예산 및 정책, 제도)과 보호자와의 소통, 수의계 내부의 노력이 수반되어야 함. 본 연구용역의 범위에서는 벗어나지만 향후 관련 제도 및 환경 조성, 보호자-수의사 소통 증진을 위한 방안이 함께 마련되어야 함

○ 동물병원 진료 표준화 단계(안)

- ▷ (준비 단계 : 본 연구용역) 동물병원 표준화 방안 연구 (2019년~2020년)
 - 국내외 의료계, 해외 수의계 표준화 방안 사례 조사
 - 전국 동물병원 동물 진료 현황 조사 (질환, 진료 행위 등)
 - 질환 및 행위 코드 체계 구성(안) 제시
 - 수의임상프로토콜 수립 (안) 제시
 - 동물병원 진료 표준화 로드맵 제시
- ▷ (1단계 : 진료 표준화 체계 마련) 진료 정보 표준화 및 수의임상프로토콜 개발위원회 구성 (2021년)
 - 진료 정보 표준화 및 수의임상프로토콜 개발을 위한 예산 및 조직 마련
 - ▶ **진료 정보 표준화:** 질환 및 행위 코드 체계 확립, 코드 적용을 위한 시범 사업 운영(대학병원, 대형 병원 중심)
 - 조직, 인력 및 예산
 - 진료 정보 표준화 위원회 (위원장 및 위원, 약 10명)
 - 총 소요 예산 (총 3년, 3억) 연 1억원

- 연차별 업무
 - 코드 체계 확립
 - 전자차트 적용
 - 적용 후 평가 및 개선
 - ▶ **수의임상프로토콜:** 수의임상프로토콜 개발 절차 확립, 우선순위 임상프로토콜 선정(30개), 1차 개발 착수 (총 10개)
 - 조직 및 인력
 - 총괄위원회 (위원장 및 위원, 간사 1인 포함, 약 10명)
 - 질환별 개발/평가위원회 (위원회별 위원장 및 위원, 간사 1인, 약 10명)
 - 총 소요 예산 (14억원: 3단계까지 총 3년 30개 개발 및 평가, 총 1억, 4단계 1억)
 - - 총괄위원회 연 1억원(기획/평가/개선/홍보, 질환별 개발 및 평가위원회 구성)
 - - 각 질환별 개발위원회 2000만원/평가위원회 1000만원 (총 3000만원/질환)
 - ※ 동물 진료 발전 중장기 1차 계획 (2021-2025) 및 2차 계획 (2026-2030) 수립 연구 용역 예산 (각각 1억원)은 별도 예산으로 편성
- ▷ (2단계 : 진료 표준화 시행기반마련) 정보표준화 및 임상프로토콜 연계 적용 (2023-2024년)
- 진료 정보 표준화, 임상프로토콜 시범 적용 및 평가보완
 - ※ 수의임상표준프로토콜과 진료차트의 연계
 - 진료차트에서 각각의 행위에 코드를 부여할 수 있기 때문에 해당 코드가 진료 차트에 적용되면 자연스럽게 연동이 가능함
 - 이 경우, 각 진료차트관련 회사별로 표준 프로토콜안을 프로그래밍 셋업하는 시간이 필요하며, 실제 임상에서 진료차트에 사용할 수 있도록 전국 동물병원에 임상수의사들을 위한 교육이 반드시 필요함
 - 표준 프로토콜에서 각각의 진단 및 행위코드는 수의과대학 교육과정, 동물병원 진료과정, 수의사면허증 소지자, 농림부 정책입안자 등 모든 관계자의 합의 및 교육이 필요함
 - 진료 정보 취합 및 분석
 - ※ 표준화된 진료의 동물병원별 정보를 수집하고 관리하고 활용
 - 수집방안: 전자차트에 질병 및 행위 코드를 적용하고, 각 동물병원의 동의를 얻어 전자차트 관리 업체를 통해 해당 데이터를 통합하여 관리할 수 있음
 - 관리방안: 개발된 코드 체계를 관리업체에 무상 지급하여 공유하고 데이터 제출을 규정화 할 수 있음(특히 각 동물병원에 대한 데이터 제출에 대해서는 대한수의사회의 가이드라인을 정확히 규정할 필요가 있음. 개인 정보 등 처리에 문제가 없도록 조정)
 - 활용방안: 질환(종, 성별, 나이, 증상)에 대한 통계를 산출하고 이를 근간으로 동물의료전반의 정책 방향 설정 가능

- 수의임상프로토콜: 2차 개발 착수 (총 10개)

※ 시범적용 대상은 아래와 같이 구분함

- 1) 대학병원 수준(수의사 10인 이상)
- 2) 대형병원 수준(수의사 5인 이상)
- 3) 중형병원(수의사 1-4인)
- 4) 소형병원(수의사 1인)

※ 적용병원에 대한 주기적인 관리나 인센티브 등

- 프로토콜 권고안 적용 후 평가 및 보완 사항을 제안한 시범병원에 대해서는 일정의 평가비 제공(대한수의사회 차원에서는 해당 시간을 연수교육 시수로 인정 가능)
- 한국동물병원협회 또는 대한수의사회에서 '한국형 동물병원인증제도(가칭)' 도입 시 평가 기준으로 적용

▷ (3단계: 진료 표준화 순차적 시행)

- 관련 법률 개정 및 시스템 구축(2025년)

※ 3단계부터 진료비 공시(고시)제도와 연계하여 공시·계시를 위한 준비 가능. 이후 병원규모 별 순차적으로 공시제 시행 및 제도 보완

4. 결 론

- 본 연구는 동물병원 진료의 표준화를 통해 진료의 과학적 근거와 투명성을 확보하고 더 나아가 반려동물 진료의 지속적인 발전을 통해 동물의 건강과보호자의 진료 만족도를 높이는 방안을 모색하는데 목적을 두고 있음
- 이에 본 연구에서는 동물 진료에서 공식적으로 사용될 수 있는 용어와 코드 체계로 통일하고, 특정 질환의 진단 및 처치에 있어 수의학적 근거에 바탕을 두고 수행할 수 있는 합의된 절차를 마련하는 진료 표준화 방안을 제시하였음
 - 우선, 진료 정보 표준화를 위해 질환 및 치료 행위를 코드화 하는 방안을 마련함. 질환 코드는 반려동물 질환의 다양성과 복잡성을 반영하여 인의에서 국제적으로 사용되고 있는 사망원인 분류를 활용한 한국표준질병분류체계(KCD-7)를 수용하여, 동물 종과 동물 진료의 특수성을 추가 코드로 활용하는 총 5자리의 코드 체계를 제시하였음. 또한, 행위 코드 역시 동물종, 행위 대분류 및 소분류, 하부 분류 및 기타 항목을 포함하는 5자리 코드를 제안하였음
 - 진료 표준 프로토콜 마련을 위해서는 수의임상프로토콜 지정 절차 및 예시(안)을 제시하고, 그 내용에 질환 및 진료 항목의 정의, 병인 및 기전, 관련 통계 자료, 진단 프로토콜, 치료 프로토콜, 참고문헌을 수록하도록 하였음
- 2000년대 초반부터 급증한 반려동물 인구와 품종 다양화, 동물의 노령화로 인해 반려동물 질환은 인의 수준에 이를 정도로 첨단 의료 기술과 장비, 인력을 활용하고 있음. 그러나 반려동물 의료정보의 과학화를 통한 의료정보의 투명한 공개, 반려동물 질병에 대한 국가 차원의 정책을 수립하는데 매우 부족한 상황임. 이 결과 각 병원마다 다른 진료 정보, 진료 프로토콜이 적용되고 있어 진료 수가나, 진료 서비스의 질에 대한 보호자의 불만과 수의사와의 의사소통에 어려움이 따르고 있음
 - 본 연구에서는 진료 정보 표준화와 수의임상프로토콜 체계화와 이를 위한 반려동물의료 제도와 환경 개선, 수의사와 보호자의 소통 증진이 함께 이루어질 수 있도록 중장기 로드맵을 3단계로 마련하였음. 본 연구 영역은 중장기 로드맵의 준비 단계로 향후, 진료 표준화 체계마련과 진료 표준화 시행 방안을 마련한 후 순차적인 적용 방안을 제시함

- 본 연구에서 조사한 국내 의료계(인의, 치의, 한의) 및 해외 수의계의 표준화 사례에 근거하여 볼 때 의료 정보와 행위의 표준화는 단시간에 일방적인 방식으로 이루어지는 것이 아님. 의료계에서는 수십 년간의 의료계의 노력과 전 국민 의료보험이라는 국가적인 제도와 정책, 행정적 지원이 바탕이 되었음

- 따라서, 반려동물 진료 표준화 역시 수의학적 전문지식에 근거한 체계적인 조사와 준비는 물론 관련 수의계 전반의 합의와 이해 당사자들 간의 소통을 통해 이루어질 수 있음
 - 특히, 반려동물 진료 수가의 투명성 확보를 위해 진료 표준화는 핵심적인 과정임
 - 수의학계(10개 수의과대학), 대한수의사회-한국동물병원협회 및 전국 4500여개 동물병원들의 적극적인 소통과 협조 그리고 참여가 반드시 필요함
 - 향후 농림축산식품부를 비롯한 정부 관계 기관에서 새로운 변화를 실현할 수 있는 기반조성(예산 지원 및 제도 확충)에 대한 지원을 강화하는 것이 핵심적임

- 이에 본 연구용역에서 제시된 바와 같이 최소한 5년의 중장기 계획을 통해 진료 표준화를 위한 시스템 확립, 체계적인 정보 수집과 분석, 시범 적용과 확대 적용의 단계를 거쳐 정부와 수의계, 보호자가 모두 만족할 수 있는 투명하고 체계적인 표준화 과정을 진행할 것을 결론으로 제출하는 바임



동물병원 진료 표준화 방안 마련 결과보고서

첨부자료 1

반려동물병원 진료 표준화 방안 마련을 위한 기초
조사 (전문가 설문) 설문지



농림축산식품부

반려동물 진료 표준화 방안 마련을 위한 기초 조사

(전문가 설문)

설문에 참여해 주신 전문가 여러분께 감사드립니다.

본 설문은 반려동물 진료 표준화 방안 마련의 일환으로 우리나라 동물병원에서 어떤 질환, 진단, 처치가 가장 빈번하게 다루지는지 조사하고자 마련되었습니다. 본 설문은 온라인으로 배포되는 불특정 다수를 대상으로 하는 설문이 아니라 선별된 전문가의 의견을 여쭙는 전문가 설문 조사입니다.

본 설문은 다빈도 질환과 처치에 대한 파악을 위한 것으로 원장님께서 추정하시는 빈도를 표시하도록 되어 있습니다. 따라서 정확한 수치나 사례수가 필요한 것이 아니니 추정치를 근거로 표시해 주시면 됩니다. 이 자료는 이후 데이터 수집을 위한 준비 자료로 쓰이게 됩니다.

본 설문 응답 개별 내용은 공개되지 않으며, 결과는 본 연구에만 쓰입니다.

설문 문항이 많고 시간이 걸릴 수 있지만, 전문가 여러분의 고견이 연구에 큰 힘이 되오니 끝까지 성의 있는 답변을 부탁드립니다.

2019년 8월 26일
연구책임자 서울대학교 서강문 드림

설문료 지급을 위한 정보입니다.

| 성명 | 주민번호 | 계좌번호 | 소속 |
|----|------|------|----|
| | | | |

설문료 지급 정보와 응답내용은 별도로 정리되고 통합되지 않습니다.

I. 다음은 내원 환자의 건강이상(disorder)의 빈도에 대한 질문입니다

내원 환자(개) 중 다음의 계통(system)별로 나타나는 건강이상(disorder)의 빈번함(5: 매우 빈번, 3: 가끔, 1: 전혀 빈번하지않음)을 표현하는 숫자를 환자의 연령 칸에 기입해 주십시오. (다발 품종이 있을 경우 기입하여 적어주십시오)

5: 매우 빈번함(주 1회 이상) 3: 가끔(월 1회) 1: 전혀 빈번하지 않음(연 1회)

| Disorder | 건강이상 영문명 | 건강이상 한글명 | 다발 품종 (있을 경우) | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|------------------------|--------------------------------|----------|------------------|--------|---------|--------|--------|----------|----------|--------|
| Auditory | Otitis externa | 외이도염 | | | | | | | | |
| Auditory | Aural (ear) haematoma | 이개혈종 | | | | | | | | |
| Auditory | Vestibular disease | 전정계 질환 | | | | | | | | |
| Auditory | Ear disorder | 귀의 장애 | | | | | | | | |
| Cardiovascular | Heart (cardiac) murmur | 심잡음 | | | | | | | | |
| Cardiovascular | Heart (cardiac) disease | 심장질환 | | | | | | | | |
| Cardiovascular | Mitral valve disorder | 이첨판 장애 | | | | | | | | |
| Cardiovascular | Cerebrovascular accident (CVA) | 뇌졸중 | | | | | | | | |
| Connective/Soft tissue | Obesity | 비만 | | | | | | | | |
| Connective/Soft tissue | Lipoma | 지방종 | | | | | | | | |
| Connective/Soft tissue | Hernia - umbilical | 제대탈장 | | | | | | | | |

| Disorder | 긴강이상 영문명 | 긴강이상 한글명 | 다발 품종 (있을 경우) | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|------------------------|---|----------------|------------------|--------|---------|--------|--------|----------|----------|--------|
| Connective/Soft tissue | Keratoconjunctivitis sicca (KCS, Dry eye) | 건성 각결막염 | | | | | | | | |
| Connective/Soft tissue | Abscess | 농양 | | | | | | | | |
| Connective/Soft tissue | Mitral valve disorder | 이첨판 장애 | | | | | | | | |
| Connective/Soft tissue | Epulis | 치은종 | | | | | | | | |
| Connective/Soft tissue | Mass lesion - subcutaneous tissue | 종괴 병변 - 피하 조직 | | | | | | | | |
| Connective/Soft tissue | Post-operative complication - wound infection | 수술후합병증 - 상처 감염 | | | | | | | | |
| Endocrine | Pseudopregnancy (phantom pregnancy) | 위임신 | | | | | | | | |
| Endocrine | Hypothyroidism | 갑상선기능저하증 | | | | | | | | |
| Endocrine | Hyperadrenocorticism ("Cushing's disease") | 부신피질기능항진증(쿠싱) | | | | | | | | |
| Endocrine | Diabetes mellitus | 당뇨 | | | | | | | | |
| Gastrointestinal | Periodontal disease | 치주질환 | | | | | | | | |
| Gastrointestinal | Anal sac impaction | 항문낭 정체 | | | | | | | | |
| Gastrointestinal | Diarrhoea | 설사 | | | | | | | | |
| Gastrointestinal | Vomiting | 구토 | | | | | | | | |
| Gastrointestinal | Gastroenteritis | 위장염 | | | | | | | | |
| Gastrointestinal | Gastritis | 위염 | | | | | | | | |

| Disorder | 진강이상 영문명 | 진강이상 한글명 | 다발 품종 (있을 경우) | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|------------------|---|-----------------|------------------|--------|---------|--------|--------|----------|----------|--------|
| Gastrointestinal | Anal sac infection | 항문낭 감염 | | | | | | | | |
| Gastrointestinal | Colitis | 대장염 | | | | | | | | |
| Gastrointestinal | Retained deciduous tooth | 잔존유치 | | | | | | | | |
| Gastrointestinal | Enteritis | 장염 | | | | | | | | |
| Gastrointestinal | Dietary indiscretion - foreign body ingestion | 무분별한 식이 - 이물 섭취 | | | | | | | | |
| Gastrointestinal | Canine haemorrhagic gastroenteritis (HGE) | 개 출혈성위장염 | | | | | | | | |
| Gastrointestinal | Dental (tooth) disease | 치과 질환 | | | | | | | | |
| Gastrointestinal | Pancreatitis | 췌장염 | | | | | | | | |
| Gastrointestinal | Epulis | 치은종 | | | | | | | | |
| Gastrointestinal | Incontinence - faecal | 실금 - 대변 | | | | | | | | |
| Gastrointestinal | Foreign body - oral (mouth) | 이물 - 구강 | | | | | | | | |
| Gastrointestinal | Nematode (round worm) infestation | 선충(회충) 감염 | | | | | | | | |
| Gastrointestinal | Halitosis | 구취 | | | | | | | | |
| Gastrointestinal | Mass lesion - oral cavity | 종괴 병변 - 구강 | | | | | | | | |
| Gastrointestinal | Inflammatory bowel disease (IBD) | 염증성 장 질환 | | | | | | | | |
| Haematopoietic | Mast cell tumor | 비만세포종 | | | | | | | | |
| Haematopoietic | Histiocytoma (cutaneous) | 조직구종(피부) | | | | | | | | |

| Disorder | 긴장이상 영문명 | 긴장이상 한글명 | 다발 품종 (있을 경우) | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|---------------|---|---------------------------|------------------|--------|---------|--------|--------|----------|----------|--------|
| Hepatobiliary | Hepathopathy (liver disorder) | 간 장애 | | | | | | | | |
| Integumentary | Ostitis externa | 외이염 | | | | | | | | |
| Integumentary | Nail clip | 발톱 깎기 | | | | | | | | |
| Integumentary | Dermatitis | 피부염 | | | | | | | | |
| Integumentary | Hypersensitivity (allergic) skin disorder | 과민성(알러지성) 피부 장애 | | | | | | | | |
| Integumentary | Mass lesion - skin | 종괴 병변 - 피부 | | | | | | | | |
| Integumentary | Claw injury (traumatic) | 발톱 부상(외상성) | | | | | | | | |
| Integumentary | Parasite infestation - fleas | 기생충 감염 - 벼룩 | | | | | | | | |
| Integumentary | Pododermatitis | 발가락피부염 | | | | | | | | |
| Integumentary | Skin (cutaneous) cyst | 피부 낭종 | | | | | | | | |
| Integumentary | Dermatitis - pyotraumatic (acute moist) | 피부염 - 화농창상성(급성 습진성) | | | | | | | | |
| Integumentary | Pyoderma | 농피증 | | | | | | | | |
| Integumentary | Papilloma | 유두종 | | | | | | | | |
| Integumentary | Hypersensitivity (allergic) skin disorder - atopic dermatitis | 과민성(알러지성) 피부 장애 - 아토피 피부염 | | | | | | | | |
| Integumentary | Alopecia | 탈모 | | | | | | | | |
| Integumentary | Mass lesion - eyelid | 종괴 병변 - 안검 | | | | | | | | |

| Disorder | 건강이상 영문명 | 건강이상 한글명 | 다발 품종 (있을 경우) | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|---------------|--|------------------------------|------------------|--------|---------|--------|--------|----------|----------|--------|
| Integumentary | Parasite infestation - ticks | 기생충 감염 - 진드기 | | | | | | | | |
| Integumentary | Aural (ear) haematoma | 이개 혈종 | | | | | | | | |
| Integumentary | Neoplasm - mammary | 신생물 - 유선 | | | | | | | | |
| Integumentary | Mass lesion - mammary | 종괴 병변 - 유선 | | | | | | | | |
| Integumentary | Interdigital cyst | 지간 낭종 | | | | | | | | |
| Integumentary | Pruritus | 소양증 | | | | | | | | |
| Integumentary | Paronychia | 발톱주위염 | | | | | | | | |
| Integumentary | Overgrown nail(s) | 과성장 발톱 | | | | | | | | |
| Integumentary | Haircoat abnormality | 피모이상 | | | | | | | | |
| Integumentary | Intertrigo | 간찰진 | | | | | | | | |
| Integumentary | Hypersensitivity (allergic) skin disorder - flea bite hypersensitivity | 과민성(알러지성) 피부 장애 - 벼룩 매개성 과민증 | | | | | | | | |
| Integumentary | Tail injury | 꼬리 부상 | | | | | | | | |
| Integumentary | Entropion | 안검내반 | | | | | | | | |
| Integumentary | Ear disorder | 귀의 장애 | | | | | | | | |
| Integumentary | Histiocytoma (cutaneous) | 조직구종(피부) | | | | | | | | |
| Integumentary | Hypersensitivity (allergic) skin disorder - urticaria | 과민성(알러지성) 피부 장애 - 두드러기 | | | | | | | | |

| Disorder | 긴강이상 영문명 | 긴강이상 한글명 | 다발 품종 (있을 경우) | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10- 12yrs | 13- 15yrs | >16yrs |
|-----------------|---|---------------------------|------------------|--------|------------|--------|--------|--------------|--------------|--------|
| Integumentary | Hypersensitivity (allergic) disorder - contact hypersensitivity | 과민성(알러지성) 피부 장애 - 접촉성 과민증 | | | | | | | | |
| Integumentary | Parasite infestation - Otodectes cynotis | 기생충 감염 - 귀진드기 | | | | | | | | |
| Integumentary | Distichiasis | 첩모중생 | | | | | | | | |
| Integumentary | Parasite infestation - Scabies | 기생충 감염 - 옴 | | | | | | | | |
| Integumentary | Acral lick dermatitis (granuloma) | 지단활음 피부염(육아종) | | | | | | | | |
| Lymphatic | Lymphoma | 림프종 | | | | | | | | |
| Musculoskeletal | Osteoarthritis (degenerative joint disease, DJD) | 골관절염(퇴행성관절염) | | | | | | | | |
| Musculoskeletal | Arthritis | 관절염 | | | | | | | | |
| Musculoskeletal | Lameness | 파행 | | | | | | | | |
| Musculoskeletal | Cruciate disease | 십자인대 질환 | | | | | | | | |
| Musculoskeletal | Patellar luxation | 슬개골 탈구 | | | | | | | | |
| Musculoskeletal | Recumbency/reluctance to move | 횡와/운동기피 | | | | | | | | |
| Musculoskeletal | Hip dysplasia | 고관절 이형성증 | | | | | | | | |
| Musculoskeletal | Intervertebral disc disorder | 추간판 장애 | | | | | | | | |
| Musculoskeletal | Stiffness | 경직 | | | | | | | | |
| Musculoskeletal | Pain - spinal | 통증 - 척추 | | | | | | | | |

| Disorder | 긴장이상 영문명 | 긴장이상 한글명 | 다발 품종 (있을 경우) | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|-----------------|--------------------------------|----------|------------------|--------|---------|--------|--------|----------|----------|--------|
| Musculoskeletal | Spondylosis | 척추증 | | | | | | | | |
| Musculoskeletal | Weakness | 쇠약 | | | | | | | | |
| Musculoskeletal | Lumbar spine disorder | 요추 장애 | | | | | | | | |
| Nervous | Behaviour disorder | 행동 장애 | | | | | | | | |
| Nervous | Urinary incontinence | 요실금 | | | | | | | | |
| Nervous | Seizure disorder | 발작장애 | | | | | | | | |
| Nervous | Intervertebral disc disorder | 추간판 장애 | | | | | | | | |
| Nervous | Vestibular disease | 전정계 질환 | | | | | | | | |
| Nervous | Epilepsy | 간질 | | | | | | | | |
| Nervous | Noise phobia | 소음공포증 | | | | | | | | |
| Nervous | Cognitive dysfunction | 인지 장애 | | | | | | | | |
| Nervous | Incontinence - faecal | 실금 - 대변 | | | | | | | | |
| Nervous | Pain - spinal | 통증 - 척추 | | | | | | | | |
| Nervous | Spondylosis | 척추증 | | | | | | | | |
| Nervous | Cerebrovascular accident (CVA) | 뇌졸중 | | | | | | | | |
| Nervous | Lumbar spine disorder | 요추 장애 | | | | | | | | |
| Ocular | Conjunctivitis | 결막염 | | | | | | | | |

| Disorder | 긴강이상 영문명 | 긴강이상 한글명 | 다발 품종 (있을 경우) | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10- 12yrs | 13- 15yrs | >16yrs |
|--------------------------|--|------------|------------------|--------|------------|--------|--------|--------------|--------------|--------|
| Ocular | Cataract | 백내장 | | | | | | | | |
| Ocular | Keratoconjunctivitis sicca (KCS, Dry eye) | 건성 각결막염 | | | | | | | | |
| Ocular | Mass lesion - eyelid | 종괴 병변 - 안검 | | | | | | | | |
| Ocular | Tear duct abnormality | 누관 이상 | | | | | | | | |
| Ocular | Entropion | 안검내반 | | | | | | | | |
| Ocular | Blindness | 실명 | | | | | | | | |
| Ocular | Distichiasis | 첩모중생 | | | | | | | | |
| Ocular | Uveitis | 포도막염 | | | | | | | | |
| Renal/Urinary | Urinary incontinence | 요실금 | | | | | | | | |
| Renal/Urinary | Urinary tract infection (UTI) | 요로감염 | | | | | | | | |
| Renal/Urinary | Renal (kidney) failure - chronic | 신부전 - 만성 | | | | | | | | |
| Renal/Urinary | Prostatic disorder | 전립선 장애 | | | | | | | | |
| Renal/Urinary | Vaginitis | 질염 | | | | | | | | |
| Reproductive (female) | Pseudopregnancy (phantom pregnancy) | 위임신 | | | | | | | | |
| Reproductive (female) | Pyometra | 자궁축농증 | | | | | | | | |
| Reproductive (female) | Neoplasm - mammary | 신생물 - 유선 | | | | | | | | |
| Reproductive (female) | Dystocia | 난산 | | | | | | | | |

| Disorder | 긴강이상 영문명 | 긴강이상 한글명 | 다발 품종 (있을 경우) | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|-----------------------|--|--------------|---------------|--------|---------|--------|--------|----------|----------|--------|
| Reproductive (female) | Mass lesion - mammary | 신생물 - 유선 | | | | | | | | |
| Reproductive (female) | Pregnancy | 임신 | | | | | | | | |
| Reproductive (female) | Vaginitis | 질염 | | | | | | | | |
| Reproductive (male) | Prostatic disorder | 전립선 장애 | | | | | | | | |
| Respiratory | Infectious canine tracheobronchitis (Kennel Cough) | 개 기관지염(켄넬코프) | | | | | | | | |
| Respiratory | Coughing | 기침 | | | | | | | | |
| Respiratory | Respiratory tract infection, upper (URTI) | 상기도감염 | | | | | | | | |
| Respiratory | Brachycephalic airway obstruction syndrome (BAOS) | 단두종 기도폐색 증후군 | | | | | | | | |
| Respiratory | Sneezing | 재채기 | | | | | | | | |
| Respiratory | Reverse sneezing | 역재채기 | | | | | | | | |

II. 다음은 귀하의 병원에서 이루어지는 처치에 대한 질문입니다.

다음 귀하의 동물병원에서 이루어지는 처치의 빈번함(5: 매우 빈번, 3: 가끔, 1: 전혀 빈번하지않음)을 표현하는 숫자를 환자(개)의 연령 칸에 기입해 주십시오.

5: 매우 빈번함(주 1회 이상) 3: 가끔(월 1회) 1: 전혀 빈번하지 않음(연 1회)

| Practice | 처치 영문명 | 처치 한글 명 | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|------------------|--|------------------------|--------|---------|--------|--------|----------|----------|--------|
| | Annual preventive care exam | 정기 예방적 검사 | | | | | | | |
| Vaccination | Rabies vaccine | 광견병 백신 접종 | | | | | | | |
| Vaccination | DHPPL(DHPP) vaccine | DHPPL(DHPP) 종합 백신 접종 | | | | | | | |
| Vaccination | Corona vaccine | 코로나 바이러스 백신 접종 | | | | | | | |
| Vaccination | Kennel cough vaccine | 켄넬코프 백신 접종 | | | | | | | |
| Vaccination | Cani-flu vaccine(Canine Influenza) | Cani-flu 백신접종(개 인플루엔자) | | | | | | | |
| Dental procedure | Preanasthetic exam | 마취 전 검사 | | | | | | | |
| Dental procedure | CBC with differential | 전체 혈구 계산 및 혈구 감별 검사 | | | | | | | |
| Dental procedure | Chemistry panel with eight chemistries | 8 종 혈청화학 검사 | | | | | | | |
| Dental procedure | Dental radiographs | 치아 방사선사진 | | | | | | | |
| Dental procedure | Preoperative pain medication | 수술 전 진통 처치 | | | | | | | |
| Dental procedure | IVC and placement | 정맥 내 카테터 장착 | | | | | | | |

| Practice | 처치 영문명 | 처치 한글 명 | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|------------------|--|------------------------|--------|---------|--------|--------|----------|----------|--------|
| Dental procedure | Anesthesia (30 minutes) | 마취(30 분) | | | | | | | |
| Dental procedure | Fluids (assume 1,000 ml bag of lactated Ringer's solution) | 수액(1,000 ml 링거젯산용액 가정) | | | | | | | |
| Dental procedure | Dental scailing and polishing | 치석제거 및 치아연마 | | | | | | | |
| Dental procedure | Subgingival curettage | 잇몸 밑 긁어냄 | | | | | | | |
| Dental procedure | Fluoride application | 불화물 도포 | | | | | | | |
| Dental procedure | Electronic monitoring(ECG) | 심전도 모니터링 | | | | | | | |
| Dental procedure | Pain medication postprocedure | 수술 후 통증 처치 | | | | | | | |
| Dental procedure | Injectable antibiotics postprocedure | 수술 후 항생제 주사 | | | | | | | |
| Dental procedure | Hospitalization | 입원 | | | | | | | |
| Dental procedure | Antibiotics, one-week supply | 항생제, 1 주일 지속 | | | | | | | |
| Laboratory test | Adrenocorticotrophic hormone (ACTH) stimulation | 부신피질자극 호르몬(ACTH) 자극검사 | | | | | | | |
| Laboratory test | Arterial/venous blood gases | 동맥/정맥 혈액 가스 검사 | | | | | | | |
| Laboratory test | Bacterial culture and sensitivity | 항생제 배양 및 감수성 테스트 | | | | | | | |
| Laboratory test | Bladder stone analysis | 방광 결석 검사 | | | | | | | |
| Laboratory test | Blood parasite testing | 혈액 기생충 테스트 | | | | | | | |

| Practice | 처치 영문명 | 처치 한글 명 | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|-----------------|---|-----------------------|--------|---------|--------|--------|----------|----------|--------|
| Laboratory test | Complete blood count (CBC) (no differential) | 전체 혈구 계산(혈구 감별 검사 제외) | | | | | | | |
| Laboratory test | CBC (automated) | 전체 혈구 계산(자동) | | | | | | | |
| Laboratory test | CBC (with manual differential) | 전체 혈구 계산(수동 혈구 감별 검사) | | | | | | | |
| Laboratory test | Chemistries | 혈청화학 검사 | | | | | | | |
| Laboratory test | Cytology | 세포학 검사 | | | | | | | |
| Laboratory test | Dexamethasone suppression | 덱사메타손 억제 검사 | | | | | | | |
| Laboratory test | Electrolytes (assume sodium, chloride, and potassium) | 전해질 검사(Na, K, Cl) | | | | | | | |
| Laboratory test | Fecal Diff/Quik stain (Clostridium) | 분변 덩킵 염색(클로스트리듐) | | | | | | | |
| Laboratory test | Fecal examination | 분변 검사 | | | | | | | |
| Laboratory test | Fecal Gram's stain | 분변 그람 염색 | | | | | | | |
| Laboratory test | Fructosamine test | 프룩토사민 검사 | | | | | | | |
| Laboratory test | Fungal culture | 곰팡이 배양 검사 | | | | | | | |
| Laboratory test | <i>Giardia</i> antigen test | 지아르디아 항원 검사 | | | | | | | |
| Laboratory test | Glucose curve (6) | 혈당 곡선 검사(연속검사) | | | | | | | |
| Laboratory test | Glucose single | 혈당 검사(1회) | | | | | | | |

| Practice | 처치 영문명 | 처치 한글명 | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|-----------------|--|--|--------|---------|--------|--------|----------|----------|--------|
| Laboratory test | Health check - CBC with chemistries and T4 | 건강 검진-전체 혈구 계산(16-24 중 혈청화학 검사, T4 검사) | | | | | | | |
| Laboratory test | Heath check - CBC with 8-12 chemistries | 건강 검진-전체 혈구 계산(8-12 중 혈청화학 검사) | | | | | | | |
| Laboratory test | Heartworm test - antibody only | 심장사상충 검사-항체 검사 | | | | | | | |
| Laboratory test | Heartworm test - antigen only | 심장사상충 검사-항원 검사 | | | | | | | |
| Laboratory test | Heartworm test - combined antibody and antigen | 심장사상충 검사-항원, 항체 검사 | | | | | | | |
| Laboratory test | Heartworm test - antigen and other diseases | 심장사상충 검사-항원 및 기타 질환 | | | | | | | |
| Laboratory test | Heartworm test - heartworm panel | 심장사상충 검사-사상충 패널 | | | | | | | |
| Laboratory test | Histopathology - multiple tissues | 조직학 검사-여러 조직 | | | | | | | |
| Laboratory test | Histopathology - single tissue | 조직학 검사-한 개 조직 | | | | | | | |
| Laboratory test | Lyme testing | 라임 검사 | | | | | | | |
| Laboratory test | Pancreatic evaluation | 췌장 평가 검사 | | | | | | | |
| Laboratory test | Parathyroid hormone (PTH) assay | 갑상선 호르몬(PTH) 검사 | | | | | | | |
| Laboratory test | Parvovirus test | 파보 바이러스 검사 | | | | | | | |
| Laboratory test | Reticulocyte count | 망상 적혈구 검사 | | | | | | | |
| Laboratory test | Serum testing for allergen-specific immunoglobulin E (IgE) | 알레르기항원 특이적 면역글로블린 E(IgE) 혈청 검사 | | | | | | | |

| Practice | 처치 영문명 | 처치 한글 명 | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|--------------------|---|---------------------------|--------|---------|--------|--------|----------|----------|--------|
| Laboratory test | T4 | T4 검사 | | | | | | | |
| Laboratory test | T3, T4, free T4, and free T4ED | T3, T4, 유리 T4, 유리 T4ED 검사 | | | | | | | |
| Laboratory test | Thyroid-stimulation hormone (TSH) level | 갑상선 자극 호르몬(TSH) 농도 검사 | | | | | | | |
| Laboratory test | Uric acid | 요산 검사 | | | | | | | |
| Laboratory test | Urinalysis | 요검사 | | | | | | | |
| | Diagnostic imaging | 진단 영상 | | | | | | | |
| Diagnostic service | ECG: in-house: six-lead ECG | ECG: 원 내: 6 개 전극 ECG | | | | | | | |
| Diagnostic service | ECG: in-house: lead II only | ECG: 원 내: II 전극 | | | | | | | |
| Diagnostic service | ECG: Outside service | ECG: 외부 서비스 | | | | | | | |
| Diagnostic service | Schirmer tear test | 쉬르머 눈물분비량 검사 | | | | | | | |
| Diagnostic service | Corneal stain | 각막 염색 검사 | | | | | | | |
| Diagnostic service | Tonometry | 안압 검사 | | | | | | | |
| Diagnostic service | Blood pressure evaluation | 혈압 측정 | | | | | | | |
| Diagnostic service | Ear swab exam/stain (otitis externa) | 귀 도말 검사/염색(외이염) | | | | | | | |
| Diagnostic service | Wood's lamp examination | 우드등 검사 | | | | | | | |
| Fluid therapy | Butterfly catheter | 나비 칩 | | | | | | | |

| Practice | 처치 영문명 | 처치 한글 명 | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|---------------|--|----------------------------|--------|---------|--------|--------|----------|----------|--------|
| Fluid therapy | Intravenous (IV) indwelling catheter | 정맥 내 유치 카테터 | | | | | | | |
| Fluid therapy | Jugular catheter (catheter through needle) | 정맥 카테터(바늘로 카테터 장착) | | | | | | | |
| Fluid therapy | Initial bag of fluids (assume 1,000 ml lactated Ringer's solution) | 초기 수액 (1,000 ml 링거젯산용액 가정) | | | | | | | |
| Fluid therapy | Fluid infusion pump setup | 수액 주입 펌프 설치 | | | | | | | |
| Fluid therapy | Fluid infusion pump use (assume 8 hours) | 수액 주입 펌프 사용(8 시간 가정) | | | | | | | |
| Fluid therapy | Fluid warmer | 수액 가온장치 | | | | | | | |
| Fluid therapy | Lactated Ringer's solution | 링거젯산용액 | | | | | | | |
| Fluid therapy | Ringer's solution | 링거용액 | | | | | | | |
| Fluid therapy | Normosol-R | Normosol-R 수액 | | | | | | | |
| Fluid therapy | 0.9% NaCl | 0.9% NaCl 수액 | | | | | | | |
| Fluid therapy | D5W (5% dextrose) | D5W (5% 덱스트로오즈) 수액 | | | | | | | |
| Fluid therapy | Dextran | Dextran 수액 | | | | | | | |
| Fluid therapy | Hetastarch | Hetastarch 수액 | | | | | | | |
| Fluid therapy | Other (please specify) | 기타 수액 | | | | | | | |
| Anaesthesia | Preanesthetic sedation | 마취 전 진정 | | | | | | | |
| Anaesthesia | IVC and placement fee | 정맥 내 카테터 장착료 | | | | | | | |
| Anaesthesia | IV fluids | 정맥 내 수액 투여 | | | | | | | |

| Practice | 처치 영문명 | 처치 한글 명 | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|---------------------|--|---------------------------|--------|---------|--------|--------|----------|----------|--------|
| Anaesthesia | IV induction | 정맥 주사 유도 | | | | | | | |
| Anaesthesia | Intubation | 기관카테터 삽관 | | | | | | | |
| Anaesthesia | Inhalant, 30 minutes | 호흡 마취, 30 분 | | | | | | | |
| Anaesthesia | Inhalant, 60 minutes | 호흡 마취, 60 분 | | | | | | | |
| Anaesthesia | Additional hour inhalant | 호흡 마취 1 시간 추가 | | | | | | | |
| Anaesthesia | Anesthetic monitoring, electronic | 마취 모니터링, 전자식 | | | | | | | |
| Anaesthesia | Anesthetic monitoring, attended by anesthetist | 마취 모니터링, 마취과 의사 진담 | | | | | | | |
| Anaesthesia | Mask inhalation anesthesia for small mammal | 소동물 마스크 호흡 마취 | | | | | | | |
| Anaesthesia | Mask inhalation anesthesia for bird | 새 마스크 호흡 마취 | | | | | | | |
| Anaesthesia | IV anesthetic, 30-minute radiology procedure | 정맥 내 주사 마취, 30 분 방사선영상 촬영 | | | | | | | |
| Anaesthesia | Intramuscular (IM) sedative for anxious cat | 진정제 근육 주사 (사나운 고양이) | | | | | | | |
| Treatment procedure | Prescription medications | 약물 처방 | | | | | | | |
| Treatment procedure | Heartworm preventives | 심장사상충 예방약 | | | | | | | |
| Treatment procedure | Therapeutic diets | 치방식 | | | | | | | |
| Treatment procedure | Wellness diets | 건강식 | | | | | | | |
| Treatment procedure | Flea and tick products | 벼룩 진드기용 제품 | | | | | | | |

| Practice | 처치 영문명 | 처치 한글 명 | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|---------------------|---|------------------------|--------|---------|--------|--------|----------|----------|--------|
| Treatment procedure | Nonprescription grooming items (shampoo, ear cleaner, etc.) | 비처방식 단장 용품(삼푸, 귀세정제 등) | | | | | | | |
| Treatment procedure | Retail products (collars, leashes, etc.) | 소매품(넥칼라, 끈 등) | | | | | | | |
| Surgery | Ovari hysterectomy/neutralization | 난소자궁절제술/중성화 | | | | | | | |
| Surgery | Abdominal exploratory | 탐색적 개복술? | | | | | | | |
| Surgery | Amputation | 절단술 | | | | | | | |
| Surgery | Anal gland resection | 항문낭 제거술 | | | | | | | |
| Surgery | Aural hematoma repair | 귀 혈종 복원술 | | | | | | | |
| Surgery | Broken blood feather quill removal | 부러진 피 깃털 깃 제거술 | | | | | | | |
| Surgery | C-section, dog with puppies | 제왕절개, 개와 강아지 에서 | | | | | | | |
| Surgery | Cataract surgery | 백내장 수술 | | | | | | | |
| Surgery | Colonoscopy with biopsy | 대장내시경 및 생검 | | | | | | | |
| Surgery | Cruciate repair, anterior | 전십자인대 재건술 | | | | | | | |
| Surgery | Dewclaw removal, non-neonate canine | 머느리발톱 제거술 | | | | | | | |
| Surgery | Diaphragmatic hernia | 횡격막 탈장 복원술 | | | | | | | |
| Surgery | Ear resection | 귀 절제술 | | | | | | | |
| Surgery | Endoscopy, upper gastrointestinal (UGI), with biopsy | 내시경 및 생검, 상부위장관계 | | | | | | | |

| Practice | 처치 영문명 | 처치 한글 명 | < 1 yr | 1-3 yrs | 4-6yrs | 7-9yrs | 10-12yrs | 13-15yrs | >16yrs |
|----------|--|--------------|--------|---------|--------|--------|----------|----------|--------|
| Surgery | Enucleation, one eye | 안구 적출술, 단 안 | | | | | | | |
| Surgery | Femoral head removal | 대퇴골두 제거술 | | | | | | | |
| Surgery | Gastrotomy, foreign-body removal | 위절개술, 이물 제거술 | | | | | | | |
| Surgery | Hemilaminectomy | 편측후궁절제술 | | | | | | | |
| Surgery | Incisor extraction | 절치 발치 | | | | | | | |
| Surgery | Intestinal resection anastomosis | 장 절제 문합술 | | | | | | | |
| Surgery | Luxating patella repair | 슬개골 탈구 교정술 | | | | | | | |
| Surgery | Mastectomy | 유방절제술 | | | | | | | |
| Surgery | Skin tumor removal | 피부종괴 제거술 | | | | | | | |
| Surgery | Splenectomy | 비장 절제술 | | | | | | | |
| Surgery | Suture laceration | 열상 봉합 | | | | | | | |
| Surgery | Tibial fracture repair | 경골 골절 수복술 | | | | | | | |
| Surgery | Tonsillectomy | 편도 절제술 | | | | | | | |
| Surgery | Tibial plateau leveling osteotomy (TPLO) | 경골고원각절골술 | | | | | | | |
| Surgery | Urethrostomy | 요도루조성술 | | | | | | | |

III. 다음은 귀하의 병원에 대한 기본 정보를 여쭙는 질문입니다.

1. 귀하의 병원에 풀타임으로 일하는 수의사와 테크니션(접수 인원 포함)은 몇 명인가요?

| | |
|-----|------|
| 수의사 | 테크니션 |
| | |

2. 귀하 병원의 성격을 표시(0)해 주십시오.

| | |
|---------------------|--|
| 1차 진료 만 | |
| 2차 진료 만(1차 병원 의뢰 시) | |
| 1차 진료와 2차 진료 모두 | |
| 특수동물 진료만 | |

3. 귀하의 병원 내원 환자 중 개, 고양이, 기타 (애완조류, 특수 동물 등)의 비율(%)은 어느 정도 되나요?

| | | |
|---|-----|----|
| 개 | 고양이 | 기타 |
| % | % | % |

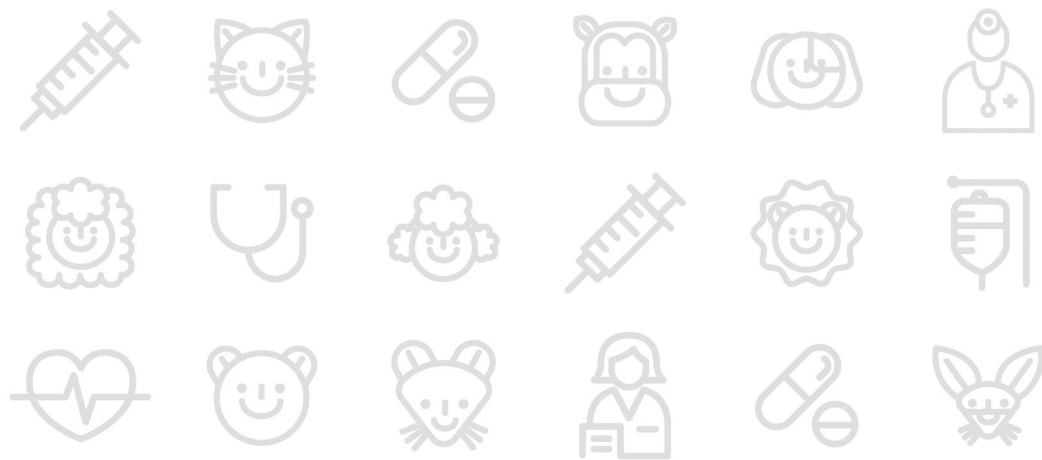
긴 시간 질문에 응답해 주셔서 감사합니다.



동물병원 진료 표준화 방안 마련 결과보고서

첨부자료 2

반려동물병원 진료 표준화 방안 마련을 위한 기초
조사 (온라인 설문) 설문지



농림축산식품부

동물병원 내원 환자의 다빈도 질환 조사

최근 동물병원과 관련된 다양한 사회적 요구(진료부 발급, 진료비 게시, 표준진료비 등)가 있으며, 이와 관련된 입법 활동도 활발하게 이루어지고 있습니다.

하지만 동물의료체계는 사람의료체계와 달리 표준화(용어, 프로토콜 등)가 전혀 이루어져 있지 않아 우리회는 이러한 기반이 먼저 갖추어져야 다양한 제도의 검토가 가능함을 설명하고, 관련 국가 연구용역을 지속적으로 건의한 바 있습니다.

농림축산식품부에서는 이러한 건의를 반영하여 “동물병원 진료 표준화 방안 마련” 정책연구용역을 실시하고 있으며(수행기관 : 대한수의사회, 서울대학교, 한국동물병원협회), 우리회는 시범적으로 표준 프로토콜을 마련할 대상(질환)을 선정하기 위해 현재 일선 동물병원에서 많이 발생하는 질환, 처치 등을 파악하고 있습니다.

참고로 “동물병원 진료 표준화”는 일부에서 오해하는 표준수가제를 의미하는 것이 아니며, 진료 용어·프로토콜 등의 표준을 마련하여 근거 기반의 진료 및 진료의 투명성 확보 등을 목적으로 하고 있습니다.

따라서 회원 여러분께서는 바쁘시더라도 실제적인 연구가 이루어질 수 있도록 설문에 적극 응해주실 것을 부탁드립니다. 설문은 약 **10분** 정도 소요됩니다.

대한수의사회
(문의: 대한수의사회 사무처 070-4907-0041/hs392@kvma.or.kr)

동물병원 내원 환자의 다빈도 질환 조사

각 시스템별 질환의 빈도를 표시해 주십시오.

* 1. 청각 기관 질환(Auditory disorder)

| | 전혀 빈번하지 않음 | 빈번하지 않음 | 보통임 | 빈번함 | 매우 빈번함 |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 외이도염(Otitis externa) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 이개혈종(Aural haematoma) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 귀의 장애(Ear disorder) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

기타(구체적으로 명시)

* 2. 심혈관계 질환(Cardiovascular disorder)

| | 전혀 빈번하지 않음 | 빈번하지 않음 | 보통임 | 빈번함 | 매우 빈번함 |
|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 심잡음(cardiac murmur) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 심상질환(cardiac disease) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 이첨판 장애(Mitral valve disorder) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 뇌졸중(Cerebrovascular accident) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

기타(구체적으로 명시)

* 3. 결합조직 질환(Connective/Soft tissue disorder)

| | 전혀 빈번하지 않음 | 빈번하지 않음 | 보통임 | 빈번함 | 매우 빈번함 |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 비만 (Obesity) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 지방종 (Lipoma) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 제대탈장(Hernia – umbilical) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 농양(Abscess) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 종괴 병변 - 피하 조직 (Mass lesion - subcutaneous tissue) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 수술후합병증 - 상처 감염(Post-operative complication - wound infection) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

기타(구체적으로 명시)

* 4. 내분비계 질환(Endocrine disorder)

| | 전혀 빈번하지 않음 | 빈번하지 않음 | 보통임 | 빈번함 | 매우 빈번함 |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 위임신(Pseudopregnancy) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 갑상선기능저하증 (Hypothyroidism) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 부신피질기능항진증(쿠싱) (Hyperadrenocorticism/Cushing's disease) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 당뇨(Diabetes mellitus) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

기타(구체적으로 명시)

* 5. 소화기계 질환(Gastrointestinal disorder)

| | 전혀 빈번하지 않음 | 빈번하지 않음 | 보통임 | 빈번함 | 매우 빈번함 |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 항문낭 정체(Anal sac impaction) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 설사(Diarrhoea) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 구토(Vomiting) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 위장염(Gastroenteritis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 위염(Gastritis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 항문낭 감염(Anal sac infection) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 대장염(Colitis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 장염(Enteritis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 무분별한 식이 - 이물 섭취(Dietary indiscretion - foreign body ingestion) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 개 출혈성위장염 (Canine haemorrhagic gastroenteritis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 췌장염(Pancreatitis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 실금 - 대변 (Incontinence – faecal) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 이물 - 구강(Foreign body - oral) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 선충(회충) 감염 (Nematode (round worm) infestation) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 염증성 장 질환 (Inflammatory bowel disease) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 잔존유치(Retained deciduous tooth) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 치주질환(Periodontal disease) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 치과 질환(Dental disease) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 치은종(Epulis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 구취(Halitosis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 종괴 병변 - 구강(Mass lesion - oral cavity) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

기타(구체적으로 명시)

* 6. 조혈/림프계 질환(Haematopoietic/lymphatic disorder)

| | 전혀 빈번하지 않음 | 빈번하지 않음 | 보통임 | 빈번함 | 매우 빈번함 |
|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 비만세포종(Mast cell tumor) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 간 장애(Hepathopathy) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 림프종(Lymphoma) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

기타(구체적으로 명시)

* 7. 피부 질환(Integumentary disorder)

| | 전혀 빈번하지 않음 | 빈번하지 않음 | 보통임 | 빈번함 | 매우 빈번함 |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 외이염(Ostitis externa) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 피부염(Dermatitis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 종괴 병변 - 피부(Mass lesion – skin) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 발톱 부상(외상성)(Claw injury-traumatic) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 발가락피부염 (Pododermatitis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 피부 낭종(Skin cyst) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 피부염 - 화농창상성(급성 습진성)(Dermatitis – pyotraumatic, acute moist) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 농피증(Pyoderma) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 유두종(Papilloma) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 과민성(알러지성) 피부 장애(Hypersensitivity (allergic) skin disorder) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 과민성(알러지성) 피부 장애 - 아토피 피부염 (Hypersensitivity (allergic) skin disorder - atopic dermatitis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 과민성(알러지성) 피부 장애 - 벼룩 매개성 과민증(Hypersensitivity (allergic) skin disorder - flea bite hypersensitivity) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 과민성(알러지성) 피부 장애 - 두드러기 (Hypersensitivity (allergic) skin disorder – urticaria) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

| | 전혀 빈번하지 않음 | 빈번하지 않음 | 보통임 | 빈번함 | 매우 빈번함 |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 과민성(알러지성) 피부 장애 - 접촉성 과민증 (Hypersensitivity (allergic) disorder - contact hypersensitivity) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 탈모(Alopecia) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 종괴 병변 - 안검(Mass lesion – eyelid) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 신생물 - 유선 (Neoplasm – mammary) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 종괴 병변 - 유선(Mass lesion – mammary) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 지간 낭종(Interdigital cyst) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 지단활음 피부염(육아종)(Acral lick dermatitis, granuloma) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 발톱주위염(Paronychia) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 과성장 발톱(Overgrown nail) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 피모이상(Haircoat abnormality) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 간찰진(Intertrigo) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 꼬리 부상(Tail injury) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 안검내반(Entropion) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 조직구종(피부, Histiocytoma, cutaneous) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 소양증(Pruritus) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 첨모중생(Distichiasis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 기생충 감염 - 벼룩 (Parasite infestation – fleas) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 기생충 감염 - 진드기 (Parasite infestation – ticks) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 기생충 감염 - 귀진드기 (Parasite infestation - Otodectes cynotis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 기생충 감염 - 옴 (Parasite infestation – Scabies) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 기타(구체적으로 명시) | | | | | |

* 8. 근골격계 질환(Musculoskeletal disorder)

| | 전혀 빈번하지 않음 | 빈번하지 않음 | 보통임 | 빈번함 | 매우 빈번함 |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 골관절염(퇴행성관절염) (Osteoarthritis - degenerative joint disease) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 관절염(Arthritis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 파행(Lameness) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 십자인대 질환(Cruciate disease) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 슬개골 탈구(Patellar luxation) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 횡와/운동기피 (Recumbency/reluctance to move) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 고관절 이형성증(Hip dysplasia) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 추간판 장애 (Intervertebral disc disorder) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 경직(Stiffness) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 통증 - 척추(Pain - spinal) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 척추증(Spondylosis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 쇠약(Weakness) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 요추 장애(Lumbar spine disorder) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

기타(구체적으로 명시)

* 9. 신경계 질환(Nervous disorder)

| | 전혀 빈번하지 않음 | 빈번하지 않음 | 보통임 | 빈번함 | 매우 빈번함 |
|---------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 행동 장애(Behaviour disorder) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 요실금(Urinary incontinence) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 발작장애(Seizure disorder) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 추간판 장애 (Intervertebral disc disorder) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 전정계 질환(Vestibular disease) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 간질(Epilepsy) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 소음공포증(Noise phobia) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 인지 장애(Cognitive dysfunction) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 실금 - 대변 (Incontinence – faecal) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 통증 - 척추(Pain – spinal) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 척추증(Spondylosis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

기타(구체적으로 명시)

* 10. 안질환(Ocular disorder)

| | 전혀 빈번하지 않음 | 빈번하지 않음 | 보통임 | 빈번함 | 매우 빈번함 |
|--------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 결막염(Conjunctivitis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 백내상(Cataract) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 건성 각결막염 (Keratoconjunctivitis sicca) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 종괴 병변 - 안검(Mass lesion – eyelid) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 누관 이상(Tear duct abnormality) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 안검내반(Entropion) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 실명(Blindness) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 포도막염(Uveitis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

기타(구체적으로 명시)

* 11. 신장 및 비뇨기 질환(Renal/Urinary disorder)

| | 전혀 빈번하지 않음 | 빈번하지 않음 | 보통임 | 빈번함 | 매우 빈번함 |
|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 요실금(Urinary incontinence) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 요로감염(Urinary tract infection) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 신부전 - 만성(Renal failure – chronic) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 전립선 장애(Prostatic disorder) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

기타(구체적으로 명시)

* 12. 산과 질환(Reproductive disorder)

| | 전혀 빈번하지 않음 | 빈번하지 않음 | 보통임 | 빈번함 | 매우 빈번함 |
|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 위임신 (Pseudopregnancy) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 자궁축농증(Pyometra) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 임신(Pregnancy) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 난산(Dystocia) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 종괴 병변 - 유선(Mass lesion – mammary) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 신생물 - 유선 (Neoplasm – mammary) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 질염(Vaginitis) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

기타(구체적으로 명시)

* 13. 호흡기 질환(Respiratory disorder)

| | 전혀 빈번하지 않음 | 빈번하지 않음 | 보통임 | 빈번함 | 매우 빈번함 |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 개 기관 기관지염(켄넬 코프)(Infectious canine tracheobronchitis, Kennel Cough) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 기침(Coughing) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 상기도감염(Respiratory tract infection, upper) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 단두종 기도폐색 증후군 (Brachycephalic airway obstruction syndrome) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 재채기(Sneezing) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| 역재채기(Reverse sneezing) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

기타(구체적으로 명시)

동물병원 내원 환자의 다빈도 질환 조사

귀하의 병원에 대한 질문입니다.

* 14. 귀하의 병원에 풀타임으로 일하는 수의사(원장 포함)는 몇 명인가요?

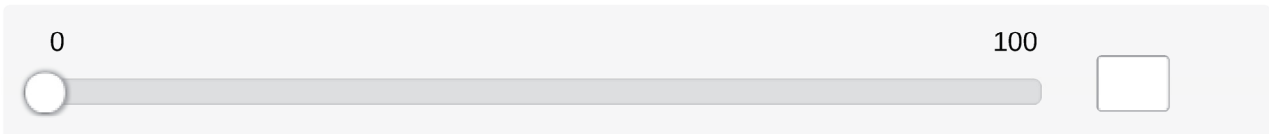
* 15. 귀하의 병원에 풀타임으로 일하는 테크니션(접수 인원 포함)은 몇 명인가요?

* 16. 귀하 병원의 성격을 선택해 주십시오

- 1차 진료 만
- 2차 진료 만(1차 병원 의뢰 시)
- 1차 진료와 2차 진료 모두

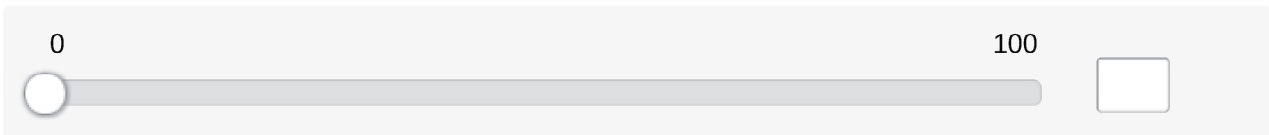
* 17. 귀하의 병원 내원 환자 중 개의 비율(%)은 어느 정도 되나요?

0 100



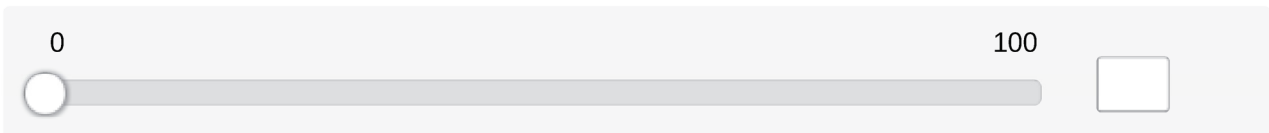
* 18. 귀하의 병원 내원 환자 중 고양이의 비율(%)은 어느 정도 되나요?

0 100



* 19. 귀하의 병원 내원 환자 중 기타 반려동물(애완조류, 특수동물 등)의 비율(%)은 어느 정도 되나요?

0 100



동물병원 내원 환자의 다빈도 질환 조사

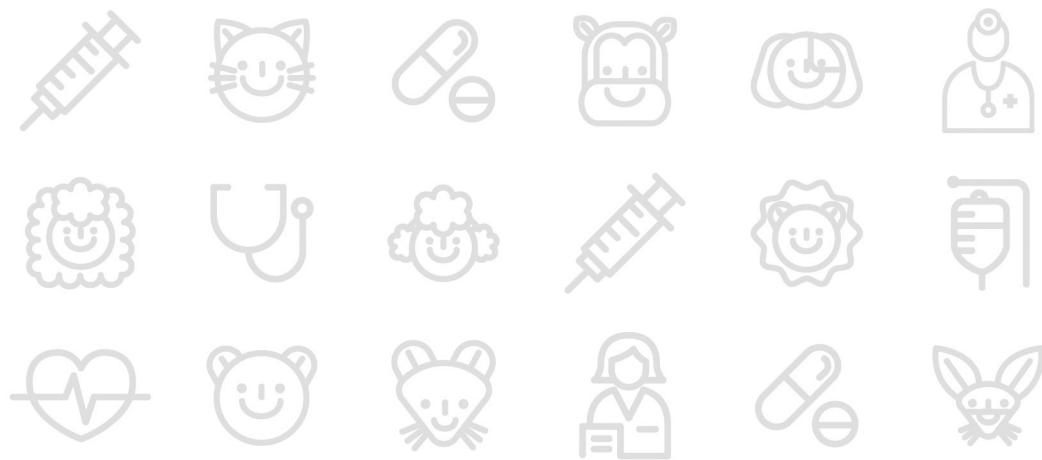
설문에 참여해 주셔서 감사합니다.



동물병원 진료 표준화 방안 마련 결과보고서

첨부자료 3

영국 VENOM CODE 목록 및
VETCOMPASS Website



| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|--|--------------|--------|
| | | | | | (1 = active, 1X = previously active, 0 = never) | | |
| 1 | 1 | Diagnosis | 21229 | (Severe) Combined immunodeficiency disease (SCID) | Immune system finding, Lymphatic system finding, Haematopoietic system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 326 | Abdominal wall rupture | Abdominal finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21920 | Aberrant parasite migration | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20130 | Abnormal bone mineralisation (site unspecified) | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20146 | Abnormal bone mineralisation: distal phalanx | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20132 | Abnormal bone mineralisation: metacarpal III | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20135 | Abnormal bone mineralisation: metatarsal III | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20145 | Abnormal bone mineralisation: middle phalanx | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20139 | Abnormal bone mineralisation: navicular bone (distal sesamoid) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20144 | Abnormal bone mineralisation: proximal phalanx | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21923 | Abortion/fetal death, infectious - bacterial | Reproductive system finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21924 | Abortion/fetal death, infectious - fungal (mycotic) | Reproductive system finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21925 | Abortion/fetal death, infectious - viral (unspecified) | Reproductive system finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21921 | Abortion/fetal death, infectious (unspecified) | Reproductive system finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21930 | Abscess - abdominal | Inflammatory disorder finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 329 | Abscess - brain | Inflammatory disorder finding, Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 330 | Abscess - Cat bite abscess (CBA) | Inflammatory disorder finding, Wound finding, Traumatic episode finding | 1 | 0 |
| 1 | 1 | Diagnosis | 7503 | Abscess - dog bite abscess | Inflammatory disorder finding, Wound finding, Traumatic episode finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20147 | Abscess - dorsal epiglottis | Inflammatory disorder finding, Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22196 | Abscess - foot (solar/subsolar)('Pus in the foot') | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21933 | Abscess - gluteal | Inflammatory disorder finding, Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 331 | Abscess - hepatic (liver) | Inflammatory disorder finding, Hepatobiliary system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21934 | Abscess - injection site reaction | Inflammatory disorder finding, Complication of medical care finding | 1 | 1 |
| 1 | 1 | Diagnosis | 332 | Abscess - neck (cervical) | Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 333 | Abscess - oral (mouth) | Inflammatory disorder finding, Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 334 | Abscess - oral (mouth), dental (tooth) | Inflammatory disorder finding, Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20149 | Abscess - orbital | Inflammatory disorder finding, Ophthalmology/Vision finding, Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20150 | Abscess - ovarian | Inflammatory disorder finding, Urogenital system finding, Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 335 | Abscess - pancreatic | Inflammatory disorder finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20151 | Abscess - pectoral | Inflammatory disorder finding, Musculoskeletal system finding, Thoracic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20152 | Abscess - perirectal | Inflammatory disorder finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 336 | Abscess - peritoneal | Inflammatory disorder finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21938 | Abscess - pharyngeal | Inflammatory disorder finding, Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21940 | Abscess - pleural | Inflammatory disorder finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 337 | Abscess - prostatic | Inflammatory disorder finding, Urogenital system finding, Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 15535 | Abscess - pulmonary (lung) | Inflammatory disorder finding, Respiratory system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21941 | Abscess - renal (kidney) | Inflammatory disorder finding, Urogenital system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 338 | Abscess - retrobulbar | Inflammatory disorder finding, Ophthalmology/Vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21942 | Abscess - retroperitoneal | Inflammatory disorder finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 339 | Abscess - retropharyngeal | Inflammatory disorder finding, Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21943 | Abscess - spinal (vertebral column) | Inflammatory disorder finding, Musculoskeletal system finding, Spine finding | 1 | 1 |
| 1 | 1 | Diagnosis | 340 | Abscess - spinal cord | Inflammatory disorder finding, Nervous system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 341 | Abscess - splenic | Inflammatory disorder finding, Haematopoietic system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 342 | Abscess - testicular | Inflammatory disorder finding, Reproductive system finding, Urogenital system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20153 | Abscess - umbilical | Inflammatory disorder finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21945 | Abscess - urachal | Inflammatory disorder finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20154 | Abscess - uterine | Inflammatory disorder finding, Reproductive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19919 | Abscess (site unspecified) | Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16477 | Acanthomatous adamantinoma - mandible | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16478 | Acanthomatous adamantinoma - maxilla | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21948 | Acanthomatous adamantinoma (site unspecified) | Mass lesion/swelling finding, Soft tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4559 | Accelerated idioventricular rhythm | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 343 | Acne | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 344 | Acne - Canine acne | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 345 | Acne - Feline acne | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 346 | Acne - Juvenile acne | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21821 | Acquired skin fragility (Fragile skin syndrome) | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 347 | Acral lick dermatitis (granuloma) | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2341 | Acral lick furunculosis | Haircoat/skin (+ appendages) finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 349 | Acral mutilation | Haircoat/skin (+ appendages) finding, Nervous system finding, Heredity finding | 1 | 0 |
| 1 | 1 | Diagnosis | 7514 | Acrochordon (Fibroepithelial polyp, Skin tag) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 350 | Acromegaly | Endocrine/Metabolic finding, Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 351 | Actinic keratosis | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21946 | Actinobacillosis | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20155 | Actinomycosis | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 11729 | Acute kidney (renal) failure (ARF) - azotaemic (urine output unspecified) | Urogenital system finding, Endocrine/Metabolic finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 11731 | Acute kidney (renal) failure (ARF) - azotaemic, anuric | Urogenital system finding, Endocrine/Metabolic finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11733 | Acute kidney (renal) failure (ARF) - azotaemic, oliguric | Urogenital system finding, Endocrine/Metabolic finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11735 | Acute kidney (renal) failure (ARF) - azotaemic, polyuric | Urogenital system finding, Endocrine/Metabolic finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11737 | Acute kidney (renal) injury (AKI) - non-azotaemic | Urogenital system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 352 | Acute lung injury (ALI) | Respiratory system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20156 | Acute perinatal asphyxia | Neonatal problem/disorder finding, Nervous system finding, Respiratory system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 353 | Acute respiratory distress syndrome (ARDS) | Respiratory system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20157 | Acute tubular necrosis (ATN) | Urogenital system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 11745 | Acute-on-chronic kidney (renal) disease | Urogenital system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20158 | Adamantinoma - mandible | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20159 | Adamantinoma - maxilla | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21947 | Adamantinoma (site unspecified) | Mass lesion/swelling finding, Soft tissue finding | 0 | 1 |
| 1 | 1 | Diagnosis | 355 | Addisonian crisis (severe adrenocortical insufficiency) | Endocrine/Metabolic finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 354 | Addison's disease (primary hypoadrenocorticism) | Endocrine/Metabolic finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16672 | Adenocarcinoma - adrenocortical | Endocrine/Metabolic finding, Abdominal finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 358 | Adenocarcinoma - apocrine adenocarcinoma of anal sac | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 359 | Adenocarcinoma - aural (ear) | Auditory system finding, Head and neck finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16674 | Adenocarcinoma - caecum | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16683 | Adenocarcinoma - gallbladder | Hepatobiliary system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 362 | Adenocarcinoma - hepatic (liver) | Hepatobiliary system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21949 | Adenocarcinoma - intestinal (unspecified) | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16487 | Adenocarcinoma - large intestinal | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16685 | Adenocarcinoma - mammary | Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16687 | Adenocarcinoma - metastatic | Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16689 | Adenocarcinoma - nasal (nose)(site unspecified) | Mass lesion/swelling finding, Respiratory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16692 | Adenocarcinoma - nasal cavity | Mass lesion/swelling finding, Respiratory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 363 | Adenocarcinoma - oesophageal | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20160 | Adenocarcinoma - ovarian | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 16696 | Adenocarcinoma - pancreatic | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22069 | Adenocarcinoma - paranasal sinus | Mass lesion/swelling finding, Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 11107 | Adenocarcinoma - perianal gland | Haircoat/skin (+ appendages) finding, Perianal finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 364 | Adenocarcinoma - prostatic | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 365 | Adenocarcinoma - pulmonary (lung) | Respiratory system finding, Mass lesion/swelling finding, Thoracic finding | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|---|--------------|--------|
| 1 | 1 | Diagnosis | 366 | Adenocarcinoma - rectal | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 367 | Adenocarcinoma - renal (kidney) | Urogenital system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16492 | Adenocarcinoma - salivary gland | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16481 | Adenocarcinoma - sebaceous gland | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16490 | Adenocarcinoma - small intestinal | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16485 | Adenocarcinoma - stomach (gastric) | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16483 | Adenocarcinoma - sweat gland | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16698 | Adenocarcinoma - tracheal | Respiratory system finding, Mass lesion/swelling, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16700 | Adenocarcinoma - urethral | Mass lesion/swelling finding, Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16702 | Adenocarcinoma - urinary bladder | Mass lesion/swelling finding, Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16704 | Adenocarcinoma - uterine | Reproductive system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16414 | Adenocarcinoma (site unspecified) | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16724 | Adenoma - adrenocortical | Endocrine/Metabolic finding, Abdominal finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 370 | Adenoma - apocrine adenoma of anal sac | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16726 | Adenoma - bronchioalveolar | Mass lesion/swelling finding, Respiratory system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16729 | Adenoma - gallbladder | Mass lesion/swelling finding, Hepatobiliary system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16731 | Adenoma - hepatic (liver) | Mass lesion/swelling finding, Hepatobiliary system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16734 | Adenoma - iridociliary | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16736 | Adenoma - large intestine (site unspecified) | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16739 | Adenoma - mammary (type unspecified) | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16741 | Adenoma - mammary, basaloid | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16743 | Adenoma - mammary, complex | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16745 | Adenoma - mammary, simple | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16748 | Adenoma - nasal (nose)(site unspecified) | Mass lesion/swelling finding, Respiratory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16750 | Adenoma - nasal cavity | Mass lesion/swelling finding, Respiratory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16754 | Adenoma - ovarian | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16756 | Adenoma - pancreatic | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22070 | Adenoma - paranasal sinus | Mass lesion/swelling finding, Respiratory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16758 | Adenoma - parathyroid | Endocrine/metabolic finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11105 | Adenoma - perianal gland | Haircoat/skin (+ appendages) finding, Perianal finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21950 | Adenoma - pituitary | Nervous system finding, Endocrine/Metabolic finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16760 | Adenoma - pituitary (type unspecified) | Nervous system finding, Endocrine/Metabolic finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16762 | Adenoma - rectum | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16764 | Adenoma - renal (kidney) | Mass lesion/swelling finding, Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16781 | Adenoma - sebaceous gland | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16778 | Adenoma - small intestine | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16779 | Adenoma - stomach (gastric) | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16782 | Adenoma - sweat gland | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16784 | Adenoma - thyroid | Endocrine/metabolic finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16786 | Adenoma - urinary bladder | Mass lesion/swelling finding, Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16788 | Adenoma - uterine | Reproductive system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16722 | Adenoma (site unspecified) | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20161 | Adhesions - cervical | Urogenital system finding, Reproductive system finding, Soft tissue finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20162 | Adhesions - intra-abdominal | Soft tissue finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21951 | Adhesions - intrasynovial | Soft tissue finding, Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21952 | Adhesions - scrotal | Soft tissue finding, Urogenital system finding, Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20163 | Adhesions - uterine | Reproductive system finding, Soft tissue finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20164 | Adhesions (site unspecified) | Soft tissue finding | 0 | 1 |
| 1 | 1 | Diagnosis | 371 | Adverse reaction to blood transfusion | Complication of medical care finding, Adverse reaction finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21956 | Adverse reaction to drug - antibiotic - penicillin | Drug-related disorder finding, Adverse reaction finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21954 | Adverse reaction to drug - antibiotic (unspecified) | Drug-related disorder finding, Adverse reaction finding | 1 | 1 |
| 1 | 1 | Diagnosis | 15175 | Adverse reaction to drug - anti-parasitic preparation | Drug-related disorder finding, Adverse reaction finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15179 | Adverse reaction to drug - non-steroidal anti-inflammatory drug (NSAID) | Drug-related disorder finding, Adverse reaction finding | 1 | 1 |
| 1 | 1 | Diagnosis | 15181 | Adverse reaction to drug - NSAID - carprofen | Drug-related disorder finding, Adverse reaction finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15183 | Adverse reaction to drug - NSAID - ibuprofen | Drug-related disorder finding, Adverse reaction finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15185 | Adverse reaction to drug - NSAID - meloxicam | Drug-related disorder finding, Adverse reaction finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15171 | Adverse reaction to drug (unspecified) | Drug-related disorder finding, Adverse reaction finding | 1 | 1 |
| 1 | 1 | Diagnosis | 374 | Adverse reaction to food | Adverse reaction finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19829 | Adverse reaction to plasma transfusion | Complication of medical care finding, Adverse reaction finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21953 | Adverse reaction to substance (type unspecified) | Clinical finding | 1 | 1 |
| 1 | 1 | Diagnosis | 15227 | Adverse reaction to vaccination | Complication of medical care finding, Adverse reaction finding | 1 | 1 |
| 1 | 1 | Diagnosis | 15172 | Adverse reaction to drug - acetaminophen (paracetamol) | Drug-related disorder finding, Adverse reaction finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15177 | Adverse reaction to drug - digoxin | Drug-related disorder finding, Adverse reaction finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15187 | Adverse reaction to drug - phenobarbital | Drug-related disorder finding, Adverse reaction finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15189 | Adverse reaction to drug - steroid | Drug-related disorder finding, Adverse reaction finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20165 | African Horse Sickness | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20166 | Agalactia | Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20167 | Agammaglobulinaemia | Immune system finding, Hereditary disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21957 | Air embolism | Cardiovascular system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21962 | Alar fold collapse | Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20168 | Alar fold disease (unspecified) | Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21958 | Alar fold hypertrophy/enlargement | Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21963 | Alar fold stenosis | Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21964 | Albinism | Haircoat/skin (+ appendages) finding, Ophthalmology/vision finding, Hereditary disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21966 | Alopecia areata | Haircoat/skin (+ appendages) finding, Immune system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 377 | Alopecia X | Haircoat/skin (+ appendages) finding, Endocrine/metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 378 | Alopecia/hair coat abnormality | Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 379 | Alopecia/hair coat abnormality - glucocorticoid reaction | Haircoat/skin (+ appendages) finding, Adverse reaction finding | 1 | 0 |
| 1 | 1 | Diagnosis | 380 | Alopecia/hair coat abnormality - injection reaction | Haircoat/skin (+ appendages) finding, Complication of medical care finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21968 | Alveolitis (type unspecified) | Respiratory system finding, Inflammatory disorder finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 381 | Alveolitis, fibrosing | Respiratory system finding, Inflammatory disorder finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20171 | Amelanotic (non-pigmented) melanoma | Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20172 | Ameloblastic odontoma | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 382 | Ameloblastoma of the jaw | Musculoskeletal system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21974 | Ampullary blockage | Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20173 | Amyloidosis - cutaneous (skin) | Endocrine/metabolic finding, Haircoat/skin (+ appendages) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 384 | Amyloidosis - hepatic (liver) | Hepatobiliary system finding, Endocrine/metabolic finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21975 | Amyloidosis - nasal (nose) | Endocrine/metabolic finding, Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 385 | Amyloidosis - renal (kidney) | Urogenital system finding, Endocrine/metabolic finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19830 | Amyloidosis - systemic | Endocrine/metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19920 | Amyloidosis (site unspecified) | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 387 | Anaemia - aplastic | Haematopoietic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21976 | Anaemia - haemolytic (unspecified) | Haematopoietic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21977 | Anaemia - haemolytic, immune-mediated (IMHA) | Haematopoietic system finding, Immune system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 11008 | Anaemia - haemolytic, immune-mediated (IMHA) - primary (idiopathic) | Haematopoietic system finding, Immune system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 11009 | Anaemia - haemolytic, immune-mediated (IMHA) - secondary | Haematopoietic system finding, Immune system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21978 | Anaemia - haemolytic, immune-mediated (IMHA)(unspecified) | Haematopoietic system finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11012 | Anaemia - haemolytic, non-immune mediated | Haematopoietic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21979 | Anaemia - inadequate erythropoiesis | Haematopoietic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21981 | Anaemia - iron deficiency | Haematopoietic system finding, Nutritional finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21983 | Anaemia - myelophthitic | Haematopoietic system finding | 1 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|---|--------------|--------|
| 1 | 1 | Diagnosis | 388 | Anaemia - non-regenerative | Haematopoietic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 389 | Anaemia - regenerative | Haematopoietic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19921 | Anaemia (unspecified) | Haematopoietic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 390 | Anaemia due to blood loss (haemorrhage) | Haematopoietic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 391 | Anaemia of chronic disease | Haematopoietic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 392 | Anaemia of chronic renal (kidney) failure | Haematopoietic system finding, Urogenital system finding, Abdominal | 1 | 0 |
| 1 | 1 | Diagnosis | 21985 | Anagen defluxion/effluvium | Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 393 | Anal atresia (atresia ani) | Alimentary tract/Digestive system finding, Congenital finding | 1 | 1 |
| 1 | 1 | Diagnosis | 394 | Anal furunculosis | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 1 | 0 |
| 1 | 1 | Diagnosis | 395 | Anal sac abscess | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 1 | 0 |
| 1 | 1 | Diagnosis | 396 | Anal sac disorder | Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 397 | Anal sac impaction | Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2455 | Anal sac infection | Alimentary tract/Digestive system finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2456 | Anal sacculitis | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 1 | 0 |
| 1 | 1 | Diagnosis | 398 | Anal stricture | Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 399 | Anaphylactoid reaction | Immune system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 400 | Anaphylaxis | Immune system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21636 | Anasarca (generalised peripheral oedema) | Soft tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21984 | Angioedema | Immune system finding, Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20175 | Angiosarcoma - ocular | Ophthalmology/vision finding, Connective tissue finding, Mass lesion | 0 | 1 |
| 1 | 1 | Diagnosis | 20176 | Angiosarcoma - spinal (vertebral column) | Musculoskeletal system finding, Connective tissue finding, Spine (ve | 0 | 1 |
| 1 | 1 | Diagnosis | 20174 | Angiosarcoma (site unspecified) | Connective tissue finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21994 | Angular limb deformity - valgum, genu | Musculoskeletal system finding, Developmental disorder finding, Limb | 1 | 0 |
| 1 | 1 | Diagnosis | 21990 | Angular limb deformity - valgus, carpal | Musculoskeletal system finding, Developmental disorder finding, Limb | 1 | 0 |
| 1 | 1 | Diagnosis | 21991 | Angular limb deformity - valgus, carpal (knee) | Musculoskeletal system finding, Developmental disorder finding, Limb | 0 | 1 |
| 1 | 1 | Diagnosis | 22000 | Angular limb deformity - valgus, metacarpophalangeal (MCP, fore fetl | Musculoskeletal system finding, Developmental disorder finding, Limb | 0 | 1 |
| 1 | 1 | Diagnosis | 22001 | Angular limb deformity - valgus, metatarsophalangeal (MTP, hind fetl | Musculoskeletal system finding, Developmental disorder finding, Limb | 0 | 1 |
| 1 | 1 | Diagnosis | 22006 | Angular limb deformity - valgus, tarsal (hock) | Musculoskeletal system finding, Developmental disorder finding, Limb | 1 | 1 |
| 1 | 1 | Diagnosis | 21995 | Angular limb deformity - varum, genu | Musculoskeletal system finding, Developmental disorder finding, Limb | 1 | 0 |
| 1 | 1 | Diagnosis | 21992 | Angular limb deformity - varus, carpal | Musculoskeletal system finding, Developmental disorder finding, Limb | 1 | 0 |
| 1 | 1 | Diagnosis | 21993 | Angular limb deformity - varus, carpal (knee) | Musculoskeletal system finding, Developmental disorder finding, Limb | 0 | 1 |
| 1 | 1 | Diagnosis | 22002 | Angular limb deformity - varus, metacarpophalangeal (MCP, fore fetl | Musculoskeletal system finding, Developmental disorder finding, Limb | 0 | 1 |
| 1 | 1 | Diagnosis | 22003 | Angular limb deformity - varus, metatarsophalangeal (MTP, hind fetl | Musculoskeletal system finding, Developmental disorder finding, Limb | 0 | 1 |
| 1 | 1 | Diagnosis | 21996 | Angular limb deformity - varus, pes | Musculoskeletal system finding, Developmental disorder finding, Limb | 1 | 0 |
| 1 | 1 | Diagnosis | 22007 | Angular limb deformity - varus, tarsal (hock) | Musculoskeletal system finding, Developmental disorder finding, Limb | 1 | 1 |
| 1 | 1 | Diagnosis | 21987 | Angular limb deformity finding | | | |
| 1 | 1 | Diagnosis | 20177 | Anhidrosis | Haircoat/skin (+ appendages) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21638 | Animal (unspecified) fight/attack injury | Traumatic episode finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22008 | Aniridia | Ophthalmology/vision finding, Congenital finding, Hereditary disorder | 1 | 1 |
| 1 | 1 | Diagnosis | 22009 | Ankyloblepharon | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 401 | Ankylosis | Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 402 | Ankylosis - hock | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 403 | Ankylosis - stifle | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20178 | Anoestrus | Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22010 | Anoestrus - seasonal | Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22012 | Anterior segment dysgenesis | Ophthalmology/vision finding, Congenital finding, Hereditary disorder | 1 | 1 |
| 1 | 1 | Diagnosis | 22013 | Anthrax | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20179 | Antibiotic-related diarrhoea | Alimentary tract/Digestive system finding, Abdominal finding, Drug-re | 0 | 1 |
| 1 | 1 | Diagnosis | 9658 | Antibiotic-responsive diarrhoea (Small intestinal bacterial overgrowth) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19761 | Antibiotic-responsive diarrhoea (Small intestinal bacterial overgrowth) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19757 | Antibiotic-responsive diarrhoea (Small intestinal bacterial overgrowth) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19758 | Antibiotic-responsive diarrhoea (Small intestinal bacterial overgrowth) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19759 | Antibiotic-responsive diarrhoea (Small intestinal bacterial overgrowth) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19760 | Antibiotic-responsive diarrhoea (Small intestinal bacterial overgrowth) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19756 | Antibiotic-responsive diarrhoea (Small intestinal bacterial overgrowth) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19755 | Antibiotic-responsive diarrhoea (Small intestinal bacterial overgrowth) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 404 | Aortic aneurysm | Cardiovascular system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 405 | Aortic valve regurgitation/insufficiency | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 406 | Aortic valve stenosis | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22014 | Aortocardiac fistula | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22016 | Aphakia | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22017 | Appaloosa parentage syndrome | Haircoat/skin (+ appendages) finding, Hereditary disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22019 | Arabian fading syndrome (Pinky Arab syndrome) | Haircoat/skin (+ appendages) finding, Hereditary disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 407 | Arachnoid cyst - cerebral (brain) | Nervous system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 3625 | Arteriovenous (AV) fistula/malformation | Cardiovascular system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19832 | Arthritis - non-septic | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19923 | Arthritis - septic (bacterial) | Musculoskeletal system finding, Infectious disorder finding | 1 | 1X |
| 1 | 1 | Diagnosis | 19922 | Arthritis (unspecified) | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22323 | Arthritis, septic (infective)(site unspecified) | Musculoskeletal system finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20180 | Arthrogyposis (Arthrogryposis multiplex congenita) | Musculoskeletal system finding, Congenital finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20181 | Arytenoid chondritis | Respiratory system finding, Musculoskeletal system finding, Inflamm | 0 | 1 |
| 1 | 1 | Diagnosis | 20182 | Arytenoid granuloma (chondroma) | Respiratory system finding, Musculoskeletal system finding, Mass les | 0 | 1 |
| 1 | 1 | Diagnosis | 20183 | Ascarid impaction | Infectious disorder finding, Alimentary tract/Digestive system finding, | 0 | 1 |
| 1 | 1 | Diagnosis | 414 | Ascites | Abdominal finding, Effusion finding | 1 | 1 |
| 1 | 1 | Diagnosis | 415 | Aspergillosis | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 416 | Aspergillus dermatitis | Infectious disorder finding, Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21722 | Asphyxiation | Respiratory system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22044 | Ataxia - cerebellar | Nervous system finding, Musculoskeletal system finding, Head and n | 1 | 1 |
| 1 | 1 | Diagnosis | 22045 | Ataxia - spinal | Nervous system finding, Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22046 | Ataxia - vestibular | Nervous system finding, Musculoskeletal system finding, Head and n | 1 | 1 |
| 1 | 1 | Diagnosis | 22043 | Ataxia (type unspecified) | Nervous system finding, Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20185 | Atheroma - nasal | Respiratory system finding, Mass lesion/swelling finding, Head and n | 0 | 1 |
| 1 | 1 | Diagnosis | 20184 | Atheroma (site unspecified) | Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20186 | Atresia coli | Alimentary tract/Digestive system finding, Congenital finding, Abdomi | 0 | 1 |
| 1 | 1 | Diagnosis | 20187 | Atresia recti | Alimentary tract/Digestive system finding, Congenital finding, Abdomi | 0 | 1 |
| 1 | 1 | Diagnosis | 22055 | Atrial enlargement - left | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22056 | Atrial enlargement - right | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22061 | Atrial fibrillation (AF) - paroxysmal | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22062 | Atrial fibrillation (AF) - sustained | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22059 | Atrial fibrillation (AF)(unspecified) | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 4561 | Atrial flutter | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4562 | Atrial Premature Complexes (APCs) | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 15230 | Atrial standstill | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19928 | Atrioventricular (AV) block (degree unspecified) | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21164 | Attachment and attention-seeking (Problem behaviour) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20188 | Atypical myoglobinuria | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 418 | Aural (ear) haematoma | Auditory system finding, Cardiovascular system finding, Head and ne | 1 | 0 |
| 1 | 1 | Diagnosis | 20189 | Aural (ear) plaques | Haircoat/skin (+ appendages) finding, Auditory system finding, Infect | 0 | 1 |
| 1 | 1 | Diagnosis | 419 | Auricular chondritis | Auditory system finding, Musculoskeletal system finding, Inflammato | 1 | 0 |
| 1 | 1 | Diagnosis | 420 | Avascular necrosis of the femoral head (Legg-Calvé-Perthes disease) | Musculoskeletal system finding, Degenerative disorder finding, Limb | 1 | 0 |
| 1 | 1 | Diagnosis | 20191 | Avulsion of gastrocnemius muscle - complete | Musculoskeletal system finding, Connective tissue finding, Limb findi | 0 | 1 |
| 1 | 1 | Diagnosis | 20192 | Avulsion of gastrocnemius muscle - partial | Musculoskeletal system finding, Connective tissue finding, Limb findi | 0 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|---|--------------|--------|
| 1 | 1 | Diagnosis | 20190 | Avulsion of gastrocnemius muscle (unspecified) | Musculoskeletal system finding, Connective tissue finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20193 | Avulsion of origin of peroneus tertius and long digital extensor tendon | Musculoskeletal system finding, Connective tissue finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20194 | Axial deviation of arypiglotic folds | Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 11757 | Azotaemia – post-renal | Endocrine/Metabolic finding, Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11755 | Azotaemia – pre-renal | Endocrine/Metabolic finding, Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11759 | Azotaemia – renal | Endocrine/Metabolic finding, Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11753 | Azotaemia (unspecified) | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 423 | Balanitis (glans penis inflammation) | Reproductive system finding, Urogenital system finding, Inflammatory | 1 | 0 |
| 1 | 1 | Diagnosis | 20195 | Balanoposthitis | Reproductive system finding, Urogenital system finding, Inflammatory | 0 | 1 |
| 1 | 1 | Diagnosis | 20196 | Band keratopathy | Ophthalmology/vision finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 16932 | Basal cell carcinoma (site unspecified) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16923 | Basal cell tumour (site unspecified) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16926 | Basal cell tumour, cutaneous (skin) - forelimb | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16924 | Basal cell tumour, cutaneous (skin) - head | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16928 | Basal cell tumour, cutaneous (skin) - neck | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16930 | Basal cell tumour, cutaneous (skin) - other | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16935 | Basosquamous carcinoma (site unspecified) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 425 | Behaviour disorder | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20197 | Behavioural anoestrus (Silent heat) | Reproductive system finding, Nervous system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 426 | Benign prostatic hyperplasia (BPH) | Urogenital system finding, Reproductive system finding, Pelvic structure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20198 | Biliary atresia | Hepatobiliary system finding, Congenital finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20199 | Biliary fibrosis | Hepatobiliary system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21710 | Biliary sludge - gallbladder | Hepatobiliary system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21709 | Biliary sludge (unspecified) | Hepatobiliary system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 428 | Biliary tract disorder - obstructive | Hepatobiliary system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 429 | Biliary tract disorder - obstructive, extrahepatic | Hepatobiliary system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19930 | Biliary tract disorder (unspecified) | Hepatobiliary system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 9483 | Biliary tract perforation (not gallbladder) | Hepatobiliary system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 431 | Biliary tract rupture (not gallbladder) | Hepatobiliary system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 432 | Bite injury | Wound finding, Traumatic episode finding | 1 | 0 |
| 1 | 1 | Diagnosis | 433 | Bite injury - cat bite | Wound finding, Traumatic episode finding | 1 | 0 |
| 1 | 1 | Diagnosis | 434 | Bite injury - dog bite | Wound finding, Traumatic episode finding | 1 | 0 |
| 1 | 1 | Diagnosis | 435 | Black hair follicular dysplasia | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 436 | Blepharitis | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 437 | Blepharoeidema | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21705 | Blepharospasm | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 439 | Blindness - bilateral | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 440 | Blindness - central | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20202 | Blindness - central, cortical | Ophthalmology/vision finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 441 | Blindness - peripheral | Ophthalmology/vision finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 442 | Blindness - unilateral | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19932 | Blindness (unspecified) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21796 | Blister (skin (cutaneous) vesicle) | Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 444 | Bone implant complication - broken or fatigued | Complication of medical care finding, Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 445 | Bone implant complication - infected | Complication of medical care finding, Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 446 | Bone implant complication - loosened | Complication of medical care finding, Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 447 | Bone implant complication - migrated | Complication of medical care finding, Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19934 | Bone implant complication (unspecified) | Complication of medical care finding, Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 448 | Bone marrow disorder | Haematopoietic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20203 | Bone oedema/necrosis (unspecified) | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20209 | Bone oedema/necrosis: distal phalanx | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20204 | Bone oedema/necrosis: metacarpal III | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20205 | Bone oedema/necrosis: metatarsal III | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20208 | Bone oedema/necrosis: middle phalanx | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20207 | Bone oedema/necrosis: navicular bone | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20206 | Bone oedema/necrosis: proximal phalanx | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20211 | Bone sclerosis - proximal metacarpal III | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20212 | Bone sclerosis - proximal metatarsal III | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20213 | Bone sclerosis - third carpal bone | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20210 | Bone sclerosis (unspecified) | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20216 | Bone sequestrum - foot | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21202 | Bone sequestrum - metacarpophalangeal joint (Fetlock) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21203 | Bone sequestrum - metatarsophalangeal joint (Fetlock) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20217 | Bone sequestrum - proximal metacarpal region | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20218 | Bone sequestrum - proximal metatarsal region | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20214 | Bone sequestrum (unspecified) | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 449 | Bordetellosis | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20219 | Borna disease | Nervous system finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20221 | Botryomycosis - pulmonary (lung) | Respiratory system finding, Infectious disorder finding, Thoracic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20220 | Botryomycosis (unspecified) | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 450 | Botulism | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19936 | Brachial plexus disorder (unspecified) | Nervous system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 453 | Brachial plexus injury/avulsion | Nervous system finding, Limb finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21842 | Brachycephalic airway obstruction syndrome (BAOS / BOAS) | Respiratory system finding, Congenital finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 455 | Brain disorder | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 456 | Brain haemorrhage | Nervous system finding, Cardiovascular system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 457 | Brain injury - traumatic (TBI) | Nervous system finding, Traumatic episode finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16350 | Brain malformation (unspecified) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 458 | Brainstem disorder | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 459 | Brainstem herniation | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 460 | Brainstem infarction | Nervous system finding, Cardiovascular system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 461 | Bronchiectasis | Respiratory system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 463 | Bronchitis - acute | Respiratory system finding, Inflammatory disorder finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 464 | Bronchitis - allergic | Respiratory system finding, Inflammatory disorder finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20222 | Bronchitis (unspecified) | Respiratory system finding, Inflammatory disorder finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20224 | Bronchopleural fistula | Respiratory system finding, Thoracic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22063 | Bullous pemphigoid | Haircoat/skin (+ appendages) finding, Immune system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22067 | Buphthalmos | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 466 | Burn injury | Traumatic episode finding, Wound finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20227 | Bursitis - bicipital | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20228 | Bursitis - calcaneal | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20229 | Bursitis - carpal | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20230 | Bursitis - supraspinous | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20231 | Bursitis - trochanteric | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19806 | Bursitis (unspecified) | Musculoskeletal system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20227 | Bursitis, aseptic - atlantal (Poll evil) | Musculoskeletal system finding, Inflammatory disorder finding, Spine finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20229 | Bursitis, aseptic - bicipital (intertubercular) | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22030 | Bursitis, aseptic - calcaneal (Capped hock) | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22031 | Bursitis, aseptic - carpal | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22034 | Bursitis, aseptic - cunean | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22037 | Bursitis, aseptic - navicular | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|--|---|--------------|--------|
| 1 | 1 | Diagnosis | 22039 | Bursitis, aseptic - olecranon (Capped elbow) | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22041 | Bursitis, aseptic - supraspinous (Fistulous withers) | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22042 | Bursitis, aseptic - trochanteric | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22026 | Bursitis, aseptic (site unspecified) | Musculoskeletal system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22197 | Bursitis, septic (infective)(site unspecified) | Musculoskeletal system finding, Inflammatory disorder finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 467 | Cachexia | Weight/Body condition finding, Nutritional finding | 1 | 1 |
| 1 | 1 | Diagnosis | 468 | Cachexia - cancer | Weight/Body condition finding, Nutritional finding | 1 | 0 |
| 1 | 1 | Diagnosis | 469 | Cachexia - cardiac | Weight/Body condition finding, Nutritional finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20232 | Caecal dilation | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22077 | Caecal dysfunction | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20233 | Caecal impaction | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20234 | Caecal infarction | Alimentary tract/Digestive system finding, Cardiovascular system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22078 | Caecal tympany | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20235 | Caecal volvulus/torsion | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 470 | Calcinosis circumscripta | Endocrine/Metabolic finding, Haircoat/skin (+ appendages) finding, Skin finding | 1 | 1 |
| 1 | 1 | Diagnosis | 471 | Calcinosis cutis | Endocrine/Metabolic finding, Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20236 | Calcium deficiency/imbalance | Endocrine/Metabolic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 472 | Calicivirus infection | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21774 | Callus/Corn | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 474 | Campylobacteriosis | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 475 | Candidiasis | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 7028 | Canine Chiari-like malformation (CM) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 476 | Canine chronic bronchitis/obstructive airway disease | Respiratory system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 477 | Canine distemper | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21887 | Canine epileptoid cramping syndrome (" Spikes disease ") | Musculoskeletal system finding, Hereditary disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 478 | Canine haemorrhagic gastroenteritis (HGE) | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9667 | Canine parvovirus infection | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9600 | Canine sterile neutrophilic dermatitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20237 | Canker (Chronic hypertrophic pododermatitis) | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20238 | Caps | Alimentary tract/Digestive system finding, Developmental disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22068 | Carbohydrate (grain) overload | Nutritional finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20239 | Carbuncle | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 16941 | Carcinoid - hepatic (liver) | Neuroendocrine system finding, Hepatobiliary system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16943 | Carcinoid - large intestine | Neuroendocrine system finding, Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16947 | Carcinoid - small intestine | Neuroendocrine system finding, Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16949 | Carcinoid - stomach (gastric) | Neuroendocrine system finding, Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16938 | Carcinoid (site unspecified) | Neuroendocrine system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16629 | Carcinoma - adrenocortical | Endocrine/Metabolic finding, Abdominal finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16499 | Carcinoma - biliary tract | Mass lesion/swelling finding, Hepatobiliary system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16503 | Carcinoma - bronchial/bronchiolar | Mass lesion/swelling finding, Respiratory system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16631 | Carcinoma - choroid plexus | Nervous system finding, Head and neck finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16523 | Carcinoma - colon | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20240 | Carcinoma - ethmoid sinus | Mass lesion/swelling finding, Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 16507 | Carcinoma - hepatocellular | Mass lesion/swelling finding, Hepatobiliary system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16553 | Carcinoma - laryngeal | Mass lesion/swelling finding, Respiratory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16557 | Carcinoma - lung (pulmonary) parenchyma | Mass lesion/swelling finding, Respiratory system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16639 | Carcinoma - mammary (type unspecified) | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16641 | Carcinoma - mammary, complex | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16643 | Carcinoma - mammary, inflammatory | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16645 | Carcinoma - mammary, simple | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16570 | Carcinoma - nasal cavity | Mass lesion/swelling finding, Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16572 | Carcinoma - nasal planum | Mass lesion/swelling finding, Respiratory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16574 | Carcinoma - nasopharynx | Mass lesion/swelling finding, Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16578 | Carcinoma - oesophageal | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16655 | Carcinoma - ovarian | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16582 | Carcinoma - pancreatic | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22071 | Carcinoma - paranasal sinus | Mass lesion/swelling finding, Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 16588 | Carcinoma - prostatic | Mass lesion/swelling finding, Urogenital system finding, Reproductive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16529 | Carcinoma - rectal | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16592 | Carcinoma - renal (kidney) | Mass lesion/swelling finding, Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16596 | Carcinoma - salivary gland | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16600 | Carcinoma - skin (cutaneous) | Mass lesion/swelling finding, Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16601 | Carcinoma - skin (cutaneous), perianal | Mass lesion/swelling finding, Haircoat/skin (+ appendages) finding, Perianal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16511 | Carcinoma - small intestinal | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16605 | Carcinoma - stomach (gastric) | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16609 | Carcinoma - stomach (gastric), pylorus | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16613 | Carcinoma - thyroid | Mass lesion/swelling finding, Endocrine/metabolic finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16617 | Carcinoma - tonsil | Mass lesion/swelling finding, Haematopoietic system finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16621 | Carcinoma - urethral | Mass lesion/swelling finding, Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16625 | Carcinoma - urinary bladder | Mass lesion/swelling finding, Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16661 | Carcinoma - uterine | Reproductive system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16494 | Carcinoma (site unspecified) | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16501 | Carcinoma in situ - biliary tract | Mass lesion/swelling finding, Hepatobiliary system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16505 | Carcinoma in situ - bronchial/bronchiolar | Mass lesion/swelling finding, Respiratory system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16525 | Carcinoma in situ - colon | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16509 | Carcinoma in situ - hepatocellular | Mass lesion/swelling finding, Hepatobiliary system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16555 | Carcinoma in situ - laryngeal | Mass lesion/swelling finding, Respiratory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16559 | Carcinoma in situ - lung (pulmonary) parenchyma | Mass lesion/swelling finding, Respiratory system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16647 | Carcinoma in situ - mammary (type unspecified) | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16649 | Carcinoma in situ - mammary, complex | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16651 | Carcinoma in situ - mammary, inflammatory | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16653 | Carcinoma in situ - mammary, simple | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16571 | Carcinoma in situ - nasal cavity | Mass lesion/swelling finding, Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16573 | Carcinoma in situ - nasal planum | Mass lesion/swelling finding, Respiratory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16576 | Carcinoma in situ - nasopharynx | Mass lesion/swelling finding, Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16580 | Carcinoma in situ - oesophageal | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16586 | Carcinoma in situ - pancreatic | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16590 | Carcinoma in situ - prostatic | Mass lesion/swelling finding, Urogenital system finding, Reproductive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16530 | Carcinoma in situ - rectal | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16594 | Carcinoma in situ - renal (kidney) | Mass lesion/swelling finding, Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16598 | Carcinoma in situ - salivary gland | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16493 | Carcinoma in situ - skin (cutaneous) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16603 | Carcinoma in situ - skin (cutaneous), perianal | Mass lesion/swelling finding, Haircoat/skin (+ appendages) finding, Perianal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16516 | Carcinoma in situ - small intestinal | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16607 | Carcinoma in situ - stomach (gastric) | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16611 | Carcinoma in situ - stomach (gastric), pylorus | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16615 | Carcinoma in situ - thyroid | Mass lesion/swelling finding, Endocrine/metabolic finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16619 | Carcinoma in situ - tonsil | Mass lesion/swelling finding, Haematopoietic system finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16623 | Carcinoma in situ - urethral | Mass lesion/swelling finding, Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16627 | Carcinoma in situ - urinary bladder | Mass lesion/swelling finding, Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16497 | Carcinoma in situ (site unspecified) | Mass lesion/swelling finding | 1 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|--|--|--------------|--------|
| 1 | 1 | Diagnosis | 22079 | Cardiac (heart) dysrhythmia (arrhythmia)(unspecified) | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22094 | Cardiac bradydysrhythmia (bradyarrhythmia) - unknown | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22095 | Cardiac bradydysrhythmia (bradyarrhythmia)(unspecified) | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 4558 | Cardiac conduction/impulse generation disorder | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22096 | Cardiac tachydysrhythmia (tachyarrhythmia) - unknown | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22097 | Cardiac tachydysrhythmia (tachyarrhythmia)(unspecified) | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 504 | Cardiac tamponade | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 505 | Cardiomegaly | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 4490 | Cardiomyopathy - Arrhythmogenic Right Ventricular Cardiomyopathy | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 506 | Cardiomyopathy - Canine dilated cardiomyopathy | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 507 | Cardiomyopathy - Canine hypertrophic cardiomyopathy | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4129 | Cardiomyopathy - End stage HCM | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 508 | Cardiomyopathy - Feline dilated cardiomyopathy | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 7384 | Cardiomyopathy - Feline endomyocardial restrictive cardiomyopathy | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 509 | Cardiomyopathy - Feline hypertrophic cardiomyopathy | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 510 | Cardiomyopathy - Feline restrictive cardiomyopathy | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 511 | Cardiomyopathy - Feline unclassified cardiomyopathy | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4133 | Cardiomyopathy - Focal HCM | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4131 | Cardiomyopathy - Hypertrophic Obstructive Cardiomyopathy (HOCM) | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 512 | Cardiomyopathy - unclassified or class undetermined | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 513 | Cardiomyopathy, primary | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 515 | Cardiomyopathy, secondary - hypertensive | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 516 | Cardiomyopathy, secondary - taurine-deficiency | Cardiovascular system finding, Musculoskeletal system finding, Nutritional finding | 1 | 0 |
| 1 | 1 | Diagnosis | 517 | Cardiomyopathy, secondary - thyrotoxic | Cardiovascular system finding, Musculoskeletal system finding, Endocrine/metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19938 | Cardiomyopathy, secondary (unspecified) | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 518 | Cardiopulmonary arrest | Cardiovascular system finding, Respiratory system finding, Complication finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22098 | Carpal bone collapse | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20242 | Carpal osteochondral fragmentation (chip fracture) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21639 | Cat fight/attack injury | Traumatic episode finding | 1 | 0 |
| 1 | 1 | Diagnosis | 519 | Cat flu | Respiratory system finding, Infectious disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 520 | Cataplexy | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 522 | Cataract - complete | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 523 | Cataract - congenital | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 524 | Cataract - diabetic | Ophthalmology/vision finding, Endocrine/metabolic finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 525 | Cataract - incipient (immature) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 526 | Cataract - incomplete | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 527 | Cataract - Morgagnian | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20243 | Cataract - secondary to periodic ophthalmia (equine recurrent uveitis) | Ophthalmology/vision finding, Inflammatory disorder finding, Immune system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20244 | Cataract - secondary to trauma | Ophthalmology/vision finding, Traumatic episode finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19940 | Cataract (unspecified) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 528 | Cauda equina syndrome (Cauda equina neuritis, Lumbosacral syndrome) | Nervous system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20245 | Cauda equina syndrome (Cauda equina neuritis, Polyneuritis equi) | Nervous system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22100 | Cavernous haemangioma | Cardiovascular system finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 529 | Cellulitis | Haircoat/skin (+ appendages) finding, Soft tissue finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16952 | Cementoma - mandible | Alimentary tract/Digestive system finding, Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16953 | Cementoma - maxilla | Alimentary tract/Digestive system finding, Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2121 | Central nervous system (CNS) disorder | Nervous system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2897 | Central nervous system (CNS) inflammatory disorder | Nervous system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 327 | Cerebellar atrophy | Nervous system finding, Degenerative disorder finding, Hereditary disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19942 | Cerebellar disorder (unspecified) | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 532 | Cerebellar herniation | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 533 | Cerebellar infarction | Nervous system finding, Cardiovascular system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 534 | Cerebral infarction | Nervous system finding, Cardiovascular system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20247 | Cerebral necrosis - post-anaesthesia | Nervous system finding, Head and neck finding, Complication of medical procedure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20246 | Cerebral necrosis (cause unspecified) | Nervous system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21882 | Cerebrovascular accident (CVA, " stroke ") | Nervous system finding, Cardiovascular system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 536 | Cerebrovascular disorder | Nervous system finding, Cardiovascular system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22102 | Cervical compressive myelopathy (CCM) | Nervous system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20248 | Cervical incompetence | Urogenital system finding, Reproductive system finding, Pelvic structure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20250 | Cervical injury - laceration | Urogenital system finding, Reproductive system finding, Traumatic episode finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20249 | Cervical injury (unspecified) | Urogenital system finding, Reproductive system finding, Traumatic episode finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22104 | Cervical rupture | Urogenital system finding, Reproductive system finding, Traumatic episode finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20251 | Cervical scar/fibrosis | Urogenital system finding, Reproductive system finding, Traumatic episode finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22105 | Cervical static stenosis (CSS) | Nervous system finding, Musculoskeletal system finding, Spine (vertebrae) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22108 | Cervical vertebral malformation (CVM) | Musculoskeletal system finding, Congenital finding, Spine (vertebrae) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20252 | Cervical vertebral stenotic myelopathy (CVSM, Wobbler disease) | Nervous system finding, Musculoskeletal system finding, Spine (vertebrae) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20253 | Cervicitis | Urogenital system finding, Reproductive system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 537 | Chalazion (meibomian cyst) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21165 | Chasing (Problem behaviour) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 538 | Chelitis (inflammation of lips) | Alimentary tract/Digestive system finding, Soft tissue finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19836 | Chemical injury (site unspecified) | Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19837 | Chemical injury to eye (ocular) | Ophthalmology/vision finding, Head and neck finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 539 | Chemical injury to skin (cutaneous) | Haircoat/skin (+ appendages) finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 540 | Chemodectoma | Mass lesion/swelling finding, Nervous system finding, Endocrine/metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19787 | Chemosi | Ophthalmology/vision finding, Soft tissue finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 541 | Chlamydia | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20254 | Choanal atresia | Respiratory system finding, Congenital finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 543 | Cholangiohepatitis | Hepatobiliary system finding, Inflammatory disorder finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 542 | Cholangitis | Hepatobiliary system finding, Inflammatory disorder finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20255 | Cholangitis - bacterial | Hepatobiliary system finding, Inflammatory disorder finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 544 | Cholangitis/cholangiohepatitis syndrome, feline | Hepatobiliary system finding, Inflammatory disorder finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 545 | Cholecystitis | Hepatobiliary system finding, Inflammatory disorder finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 546 | Cholelithiasis | Hepatobiliary system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 547 | Cholestasis | Hepatobiliary system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22113 | Cholesterol granuloma (cholesteatoma) - brain | Mass lesion/swelling finding, Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22112 | Cholesterol granuloma (cholesteatoma) - middle ear | Mass lesion/swelling finding, Auditory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22111 | Cholesterol granuloma (cholesteatoma) (site unspecified) | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16958 | Chondroma (site unspecified) | Mass lesion/swelling finding, Musculoskeletal system finding, Connective tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16959 | Chondrosarcoma - long bone | Musculoskeletal system finding, Connective tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16961 | Chondrosarcoma - pelvis | Musculoskeletal system finding, Connective tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16963 | Chondrosarcoma - rib | Musculoskeletal system finding, Connective tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16965 | Chondrosarcoma - scapula | Musculoskeletal system finding, Connective tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16975 | Chondrosarcoma - sinonasal | Musculoskeletal system finding, Respiratory system finding, Connective tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16977 | Chondrosarcoma - tracheal | Musculoskeletal system finding, Respiratory system finding, Connective tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16418 | Chondrosarcoma (site unspecified) | Mass lesion/swelling finding, Musculoskeletal system finding, Connective tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22109 | Chorda tendinea rupture - mitral valve | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22110 | Chorda tendinea rupture - tricuspid valve | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 551 | Chordae tendinae abnormality - mitral | Cardiovascular system finding, Thoracic finding | 1 | 1X |
| 1 | 1 | Diagnosis | 552 | Chordae tendinae abnormality - tricuspid | Cardiovascular system finding, Thoracic finding | 1 | 1X |
| 1 | 1 | Diagnosis | 554 | Chorioretinitis | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22114 | Choroid plexus papilloma | Mass lesion/swelling finding, Nervous system finding, Head and neck finding | 0 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|---|--------------|--------|
| 1 | 1 | Diagnosis | 555 | Chronic airway disease | Respiratory system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 4147 | Chronic degenerative AV valve disease | Cardiovascular system finding, Degenerative disorder finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2126 | Chronic degenerative radiculomyelopathy (CDRM) | Nervous system finding, Degenerative disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11741 | Chronic kidney (renal) disease (CRF, CKD) - azotaemic | Urogenital system finding, Endocrine/metabolic finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11743 | Chronic kidney (renal) disease (CRF, CKD) - non-azotaemic | Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11739 | Chronic kidney (renal) disease (CRF, CKD) (azotaemia unspecified) | Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22116 | Chronic proliferative (villonodular) synovitis - metacarpophalangeal (MC) joint | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22115 | Chronic proliferative (villonodular) synovitis - metatarsophalangeal (MT) joint | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20257 | Chronic proliferative (villonodular) synovitis (site unspecified) | Musculoskeletal system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22118 | Chyloperitoneum (chyloabdomen) | Effusion finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 556 | Chylothorax | Effusion finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 557 | Chylothorax, malignant | Effusion finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 559 | Claw injury (traumatic) | Haircoat/skin (+ appendages) finding, Traumatic episode finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 3909 | Claw/nail disorder | Haircoat/skin (+ appendages) finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 560 | Cleft palate | Alimentary tract/Digestive system finding, Congenital finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19816 | Clipper rash | Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20259 | Clitoral disorder | Urogenital system finding, Reproductive system finding, Pelvic structure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20260 | Clostridial diarrhoea | Alimentary tract/Digestive system finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22119 | Clostridial enterocolitis | Alimentary tract/Digestive system finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20261 | Clostridial myositis (Clostridial myonecrosis) | Musculoskeletal system finding, Inflammatory disorder finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 561 | Clostridiosis | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20262 | Clostridiosis - intestinal | Alimentary tract/Digestive system finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22120 | Clostridium difficile infection | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22121 | Clostridium perfringens infection | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 562 | Coagulopathy (clotting disorder) | Haemostatic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 563 | Coagulopathy (clotting disorder) - acquired | Haemostatic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 564 | Coagulopathy (clotting disorder) - inherited | Haemostatic system finding, Hereditary disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 565 | Cobalamin (vitamin B12) deficiency | Nutritional finding | 1 | 0 |
| 1 | 1 | Diagnosis | 566 | Coccidiosis | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21779 | Cognitive dysfunction ("dementia/senility") | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 568 | Cold agglutinin disease | Haematopoietic system finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22147 | Colibacillosis | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22124 | Colic - distention colic | Alimentary tract/Digestive system finding, Nervous system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22126 | Colic - impaction | Alimentary tract/Digestive system finding, Nervous system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22127 | Colic - recurrent | Alimentary tract/Digestive system finding, Nervous system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22125 | Colic - spasmodic/undifferentiated | Alimentary tract/Digestive system finding, Nervous system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20266 | Colic - thromboembolic | Alimentary tract/Digestive system finding, Nervous system finding, Circulatory system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 570 | Colitis - chronic | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 571 | Colitis - eosinophilic | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 572 | Colitis - lymphocytic/plasmacytic | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 573 | Colitis - ulcerative | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20267 | Colitis (unspecified) | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22128 | Colitis X | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20271 | Collateral cartilages of distal phalanx disorder - mineralisation | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20272 | Collateral cartilages of distal phalanx disorder - necrosis (Quittor) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20270 | Collateral cartilages of distal phalanx disorder (unspecified) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 574 | Collie Eye Anomaly | Ophthalmology/vision finding, Hereditary disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22133 | Coloboma - choroid | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22136 | Coloboma - ciliary body | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22131 | Coloboma - eyelid | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22139 | Coloboma - iris | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22137 | Coloboma - iris, atypical | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22138 | Coloboma - iris, typical | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22140 | Coloboma - lens | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22143 | Coloboma - optic disc | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22141 | Coloboma - optic disc, atypical | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22142 | Coloboma - optic disc, typical | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22144 | Coloboma - retina | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22145 | Coloboma - sclera | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22132 | Coloboma (site unspecified) | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 575 | Colonic stricture | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22148 | Colonic tympany | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20273 | Colostrum-deprived foal | Neonatal problem/disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 576 | Colour dilution alopecia | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 577 | Colour mutant alopecia | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21797 | Comedo(nes) | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 578 | Compartment syndrome | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22153 | Complete disruption of the suspensory apparatus | Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 5809 | Complication of fracture repair | Complication of medical care finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20276 | Complication of parturition - haemorrhage - uterine artery | Reproductive system finding, Cardiovascular system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20275 | Complication of parturition - haemorrhage (site unspecified) | Reproductive system finding, Cardiovascular system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20278 | Complication of parturition - trauma - cervical injury | Reproductive system finding, Traumatic episode finding, Pelvic structure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20279 | Complication of parturition - trauma - perineal laceration | Reproductive system finding, Traumatic episode finding, Wound finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20280 | Complication of parturition - trauma - uterine rupture/tear | Reproductive system finding, Traumatic episode finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20277 | Complication of parturition - trauma (site unspecified) | Reproductive system finding, Traumatic episode finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19840 | Complication of parturition (unspecified) | Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 4047 | Complication of transvenous pacemaker placement | Complication of medical care finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22156 | Conchal necrosis | Respiratory system finding, Musculoskeletal system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 9683 | CONDITION UNDER INVESTIGATION | Clinical finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22157 | Congenital (viral) papillomatosis (Neonatal wart; epidermal naevus) | Haircoat/skin (+ appendages) finding, Congenital finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 579 | Congenital disorder | Congenital finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9574 | Congenital metabolic disorder | Congenital finding, Endocrine/metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20281 | Congenital stationary night blindness (CSNB) | Ophthalmology/vision finding, Congenital finding, Hereditary disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 17978 | Congenital thoracic (chest) wall anomaly (unspecified) | Congenital finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17977 | Congenital thoracic (chest) wall anomaly: pectus excavatum | Congenital finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22174 | Congestive heart (cardiac) failure - biventricular | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22172 | Congestive heart (cardiac) failure - biventricular, acute | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22173 | Congestive heart (cardiac) failure - biventricular, chronic | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22175 | Congestive heart (cardiac) failure - left-sided | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22159 | Congestive heart (cardiac) failure - left-sided, acute | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22160 | Congestive heart (cardiac) failure - left-sided, chronic | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22176 | Congestive heart (cardiac) failure - right-sided | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22161 | Congestive heart (cardiac) failure - right-sided, acute | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22162 | Congestive heart (cardiac) failure - right-sided, chronic | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22158 | Congestive heart (cardiac) failure (type unspecified) | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20282 | Conjunctival injury | Ophthalmology/vision finding, Soft tissue finding, Traumatic episode finding | 0 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|--|--|--------------|--------|
| 1 | 1 | Diagnosis | 20283 | Conjunctival laceration | Ophthalmology/vision finding, Soft tissue finding, Traumatic episode finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19944 | Conjunctivitis (cause unspecified) | Ophthalmology/vision finding, Soft tissue finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 580 | Conjunctivitis, infectious | Ophthalmology/vision finding, Soft tissue finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 581 | Conjunctivitis, infectious - presumed Feline herpes virus | Ophthalmology/vision finding, Soft tissue finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 582 | Conjunctivitis, non-infectious | Ophthalmology/vision finding, Soft tissue finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 583 | Constipation | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20284 | Contagious equine metritis (CEM) | Urogenital system finding, Reproductive system finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20285 | Contagious equine pleuropneumonia | Respiratory system finding, Inflammatory disorder finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22178 | Contracted foal syndrome | Congenital finding, Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22179 | Contracted tendons | Musculoskeletal system finding, Connective tissue finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 4540 | Copper-associated chronic hepatitis | Hepatobiliary system finding, Inflammatory disorder finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 584 | Copper-associated hepatitis in Bedlington Terriers | Hepatobiliary system finding, Inflammatory disorder finding, Hereditary finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19805 | Coprophagia | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21169 | Coprophagia (Problem behaviour) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 585 | Cor pulmonale | Respiratory system finding, Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19841 | Corneal abrasion | Ophthalmology/vision finding, Wound finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 586 | Corneal degeneration | Ophthalmology/vision finding, Degenerative disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21767 | Corneal degeneration - endothelial | Ophthalmology/vision finding, Degenerative disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19946 | Corneal disorder (keratopathy)(unspecified) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 587 | Corneal dystrophy | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 588 | Corneal dystrophy - endothelial | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 589 | Corneal dystrophy - epithelial | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 590 | Corneal dystrophy - stromal | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19768 | Corneal epithelial inclusion cyst | Ophthalmology/Vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 591 | Corneal laceration | Ophthalmology/vision finding, Wound finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21769 | Corneal lipid deposition - Corneal lipid dystrophy | Ophthalmology/vision finding, Hereditary disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21770 | Corneal lipid deposition - Lipid keratopathy (Corneal lipidosis) | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21788 | Corneal lipid deposition (unspecified) | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 593 | Corneal perforation | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21644 | Corneal pigmentation - melanosis | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21641 | Corneal pigmentation (unspecified) | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 594 | Corneal scar | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 595 | Corneal sequestrum | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 596 | Corneal stromal abscess | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 602 | Cornification disorder | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22181 | Corns | Haircoat/skin (+ appendages) finding, Cardiovascular system finding, Hereditary finding | 0 | 1 |
| 1 | 1 | Diagnosis | 603 | Coronary artery abnormality | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20286 | Coronary band dysplasia (dystrophy) | Haircoat/skin (+ appendages) finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20288 | Coronavirus diarrhoea | Alimentary tract/Digestive system finding, Infectious disorder finding, Hereditary finding | 0 | 1 |
| 1 | 1 | Diagnosis | 604 | Coronavirus infection | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20287 | Coronitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22182 | Corynebacterium pseudotuberculosis infection | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 605 | Cowpoxvirus infection | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 606 | Cranial neuropathy | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 607 | Craniomandibular osteopathy | Musculoskeletal system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 608 | Cricopharyngeal achalasia (cricopharyngeal dysphagia) | Alimentary tract/Digestive system finding, Respiratory system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 609 | Cruciate disease | Musculoskeletal system finding, Connective tissue finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 610 | Cruciate ligament instability - caudal | Musculoskeletal system finding, Connective tissue finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 611 | Cruciate ligament instability - cranial | Musculoskeletal system finding, Connective tissue finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 612 | Cruciate ligament instability, partial - caudal | Musculoskeletal system finding, Connective tissue finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 613 | Cruciate ligament instability, partial - cranial | Musculoskeletal system finding, Connective tissue finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 614 | Cruciate ligament rupture - caudal | Musculoskeletal system finding, Connective tissue finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 616 | Cruciate ligament rupture - caudal and cranial | Musculoskeletal system finding, Connective tissue finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 615 | Cruciate ligament rupture - cranial | Musculoskeletal system finding, Connective tissue finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 617 | Cryptococcosis | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 618 | Cryptorchidism - bilateral | Urogenital system finding, Reproductive system finding, Congenital disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 619 | Cryptorchidism - unilateral | Urogenital system finding, Reproductive system finding, Congenital disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22183 | Cryptorchidism (Rig) - abdominal | Urogenital system finding, Reproductive system finding, Congenital disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20292 | Cryptorchidism (Rig) - bilateral | Urogenital system finding, Reproductive system finding, Congenital disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20293 | Cryptorchidism (Rig) - inguinal | Urogenital system finding, Reproductive system finding, Congenital disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20294 | Cryptorchidism (Rig) - unilateral | Urogenital system finding, Reproductive system finding, Congenital disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20289 | Cryptorchidism (Rig)(unspecified) | Urogenital system finding, Reproductive system finding, Congenital disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 620 | Cryptosporidiosis | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20114 | Crystalluria - calcium oxalate | Urogenital system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20119 | Crystalluria - cystine | Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20123 | Crystalluria - magnesium-ammonium-phosphate hexahydrate (struvite) | Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20127 | Crystalluria - urate | Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4259 | Curly coat syndrome | Haircoat/skin (+ appendages) finding, Congenital finding | 0 | 1 |
| 1 | 1 | Diagnosis | 4518 | Cutaneous (skin) bacterial overgrowth | Haircoat/skin (+ appendages) finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21918 | Cutaneous and renal glomerular vasculopathy (CRGV) | Abdominal finding, Cardiovascular system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21823 | Cutaneous asthenia (Ehlers-Danlos syndrome) | Haircoat/skin (+ appendages) finding, Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20296 | Cutaneous habronemiasis - ocular | Haircoat/skin (+ appendages) finding, Ophthalmology/vision finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20297 | Cutaneous habronemiasis - penile/preputial | Haircoat/skin (+ appendages) finding, Urogenital system finding, Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20295 | Cutaneous habronemiasis (site unspecified) | Haircoat/skin (+ appendages) finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 621 | Cutaneous horn | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 622 | Cutaneous lupus erythematosus | Haircoat/skin (+ appendages) finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15520 | Cyathostomiasis (small red worm infestation)(Larval cyathostomiasis) | Alimentary tract/Digestive system finding, Infectious disorder finding, Hereditary finding | 0 | 1 |
| 1 | 1 | Diagnosis | 623 | Cyclic flank alopecia | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22194 | Cyclopia | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 16982 | Cystadenocarcinoma - biliary | Hepatobiliary system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16984 | Cystadenocarcinoma - ovarian | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16986 | Cystadenocarcinoma - renal (kidney) | Urogenital system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16988 | Cystadenocarcinoma - salivary gland | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16979 | Cystadenocarcinoma (site unspecified) | Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16993 | Cystadenoma - biliary | Hepatobiliary system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16995 | Cystadenoma - ovarian | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16997 | Cystadenoma - salivary gland | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16990 | Cystadenoma (site unspecified) | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 624 | Cystitis | Urogenital system finding, Inflammatory disorder finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 625 | Cystitis - bacterial | Urogenital system finding, Inflammatory disorder finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 626 | Cystitis - chronic | Urogenital system finding, Inflammatory disorder finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 627 | Cystitis - polypoid | Urogenital system finding, Inflammatory disorder finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 628 | Deafness - complete | Auditory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 629 | Deafness - partial | Auditory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20299 | Deep digital flexor tendon (DDFT) displacement | Musculoskeletal system finding, Connective tissue finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20298 | Deep digital flexor tendon (DDFT) pathology | Musculoskeletal system finding, Connective tissue finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20301 | Deep digital flexor tenosynovitis (tenovaginitis) | Musculoskeletal system finding, Connective tissue finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22349 | Deficiency - copper | TBC | 0 | 1 |
| 1 | 1 | Diagnosis | 22350 | Deficiency - selenium | TBC | 0 | 1 |
| 1 | 1 | Diagnosis | 22351 | Deficiency - vitamin A | TBC | 0 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|---|--------------|--------|
| 1 | 1 | Diagnosis | 22352 | Deficiency - vitamin B | TBC | 0 | 1 |
| 1 | 1 | Diagnosis | 22353 | Deficiency - vitamin E | Nutritional finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20302 | Dental (tooth) disorder - absent tooth/teeth | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20303 | Dental (tooth) disorder - acquired overgrowth of cheek teeth | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20304 | Dental (tooth) disorder - apical tooth root abscess/infection | Inflammatory disorder finding, Infectious disorder finding, Alimentary | 0 | 1 |
| 1 | 1 | Diagnosis | 20305 | Dental (tooth) disorder - diastemata (teeth unspecified) | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20306 | Dental (tooth) disorder - diastemata of cheek teeth | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20307 | Dental (tooth) disorder - displacement of cheek teeth | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20308 | Dental (tooth) disorder - ectopic tooth/teeth | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20309 | Dental (tooth) disorder - fracture | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20310 | Dental (tooth) disorder - infundibular caries (tooth/teeth unspecified) | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20311 | Dental (tooth) disorder - infundibular caries, incisor(s) | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20312 | Dental (tooth) disorder - infundibular caries, maxillary cheek teeth | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20313 | Dental (tooth) disorder - malocclusion (teeth unspecified) | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20314 | Dental (tooth) disorder - malocclusion of incisors (unspecified) | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20315 | Dental (tooth) disorder - missing tooth/teeth | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20316 | Dental (tooth) disorder - occlusal surface abnormality | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20317 | Dental (tooth) disorder - periapical infection of cheek tooth/teeth | Infectious disorder finding, Alimentary tract/Digestive system finding, | 0 | 1 |
| 1 | 1 | Diagnosis | 20318 | Dental (tooth) disorder - pulpitis | Inflammatory disorder finding, Alimentary tract/Digestive system findi | 0 | 1 |
| 1 | 1 | Diagnosis | 20320 | Dental (tooth) disorder - retained cheek tooth/teeth | Alimentary tract/Digestive system finding, Developmental disorder fin | 0 | 1 |
| 1 | 1 | Diagnosis | 20321 | Dental (tooth) disorder - retained incisor(s) | Alimentary tract/Digestive system finding, Developmental disorder fin | 0 | 1 |
| 1 | 1 | Diagnosis | 20319 | Dental (tooth) disorder - retained tooth/teeth (unspecified) | Alimentary tract/Digestive system finding, Developmental disorder fin | 0 | 1 |
| 1 | 1 | Diagnosis | 20322 | Dental (tooth) disorder - rostral positioning of maxillary cheek teeth | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20323 | Dental (tooth) disorder - sharp edges (points) | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20325 | Dental (tooth) disorder - supernumerary cheek tooth/teeth | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20326 | Dental (tooth) disorder - supernumerary incisor(s) | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21698 | Dental (tooth) disorder - supernumerary tooth/teeth (unspecified)(Hypo | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21746 | Dental (tooth) disorder - teething | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20327 | Dental (tooth) disorder - wolf tooth/teeth | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19953 | Dental (tooth) disorder (unspecified) | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20328 | Dental (tooth) fracture - cheek tooth/teeth | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20329 | Dental (tooth) fracture - idiopathic | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20330 | Dental (tooth) fracture - incisor(s) | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20331 | Dental (tooth) fracture - traumatic | Alimentary tract/Digestive system finding, Traumatic episode finding, | 0 | 1 |
| 1 | 1 | Diagnosis | 631 | Dental (tooth) structure injury | Alimentary tract/Digestive system finding, Traumatic episode finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 19776 | Dental (tooth) tartar/calculus | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21706 | Dental (tooth) wear | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20332 | Dentigerous cyst | Alimentary tract/Digestive system finding, Developmental disorder fin | 1 | 1 |
| 1 | 1 | Diagnosis | 22235 | Dermatitis - bacterial, staphylococcal (Saddle sores/rash) | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 0 | 1 |
| 1 | 1 | Diagnosis | 22236 | Dermatitis - bacterial, streptococcal | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 0 | 1 |
| 1 | 1 | Diagnosis | 633 | Dermatitis - chronic | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 634 | Dermatitis - contact dermatitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, | 1 | 1 |
| 1 | 1 | Diagnosis | 635 | Dermatitis - contagious viral pustular dermatitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 1 | 0 |
| 1 | 1 | Diagnosis | 21843 | Dermatitis - crusting | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 637 | Dermatitis - perforating dermatitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 21819 | Dermatitis - periorcular/periorbital | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 1 | 0 |
| 1 | 1 | Diagnosis | 21820 | Dermatitis - perioral | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 1 | 0 |
| 1 | 1 | Diagnosis | 638 | Dermatitis - photodermatitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, | 1 | 1 |
| 1 | 1 | Diagnosis | 21826 | Dermatitis - pyotraumatic (acute moist) (" hot spot ", " wet eczema ") | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 1 | 0 |
| 1 | 1 | Diagnosis | 640 | Dermatitis - seborrheic | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 641 | Dermatitis - solar dermatitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 642 | Dermatitis - thymoma-associated exfoliative dermatitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 1 | 0 |
| 1 | 1 | Diagnosis | 19955 | Dermatitis (unspecified) | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, | 1 | 1 |
| 1 | 1 | Diagnosis | 643 | Dermatitis and/or panniculitis, (pyo)granulomatous - bacterial | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 1 | 0 |
| 1 | 1 | Diagnosis | 644 | Dermatitis and/or panniculitis, (pyo)granulomatous - fungal | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 1 | 0 |
| 1 | 1 | Diagnosis | 645 | Dermatitis and/or panniculitis, (pyo)granulomatous - sterile | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 1 | 0 |
| 1 | 1 | Diagnosis | 647 | Dermatophilosis | Haircoat/skin (+ appendages) finding, Infectious disorder finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 20333 | Dermatophilosis (Rainscald) | Haircoat/skin (+ appendages) finding, Infectious disorder finding, | 0 | 1 |
| 1 | 1 | Diagnosis | 648 | Dermatophytosis (Ringworm) | Haircoat/skin (+ appendages) finding, Infectious disorder finding, | 1 | 1 |
| 1 | 1 | Diagnosis | 20334 | Dermoid cyst - conjunctiva | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and | 0 | 1 |
| 1 | 1 | Diagnosis | 20335 | Dermoid cyst - cornea | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and | 0 | 1 |
| 1 | 1 | Diagnosis | 20336 | Dermoid cyst - cornea and sclera | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and | 0 | 1 |
| 1 | 1 | Diagnosis | 651 | Dermoid cyst - cutaneous (skin) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 20337 | Dermoid cyst - eyelid | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and | 0 | 1 |
| 1 | 1 | Diagnosis | 650 | Dermoid cyst - nasal (nose) | Respiratory system finding, Mass lesion/swelling finding, Head and n | 1 | 0 |
| 1 | 1 | Diagnosis | 20338 | Dermoid cyst - sclera | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and | 1 | 0 |
| 1 | 1 | Diagnosis | 652 | Dermoid cyst - spinal | Nervous system finding, Mass lesion/swelling finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 19957 | Dermoid cyst (site unspecified) | Mass lesion/swelling finding, | 1 | 1 |
| 1 | 1 | Diagnosis | 653 | Dermoid sinus | Haircoat/skin (+ appendages) finding, Hereditary disorder finding, Cor | 1 | 0 |
| 1 | 1 | Diagnosis | 22238 | Desmitis - annular ligament | Musculoskeletal system finding, Connective tissue finding, Inflammat | 0 | 1 |
| 1 | 1 | Diagnosis | 22239 | Desmitis - collateral ligament of distal interphalangeal (DIP, coffin) jo | Musculoskeletal system finding, Connective tissue finding, Inflammat | 0 | 1 |
| 1 | 1 | Diagnosis | 22240 | Desmitis - collateral ligament of metacarpophalangeal (MCP, fore fetl) | Musculoskeletal system finding, Connective tissue finding, Inflammat | 0 | 1 |
| 1 | 1 | Diagnosis | 22242 | Desmitis - suspensory ligament | Musculoskeletal system finding, Connective tissue finding, Inflammat | 0 | 1 |
| 1 | 1 | Diagnosis | 22243 | Desmitis - suspensory ligament, body | Musculoskeletal system finding, Connective tissue finding, Inflammat | 0 | 1 |
| 1 | 1 | Diagnosis | 22244 | Desmitis - suspensory ligament, branch | Musculoskeletal system finding, Connective tissue finding, Inflammat | 0 | 1 |
| 1 | 1 | Diagnosis | 22245 | Desmitis - suspensory ligament, proximal | Musculoskeletal system finding, Connective tissue finding, Inflammat | 0 | 1 |
| 1 | 1 | Diagnosis | 20339 | Desmitis (unspecified) | Musculoskeletal system finding, Connective tissue finding, Inflammat | 0 | 1 |
| 1 | 1 | Diagnosis | 20340 | Desmitis: accessory (check) ligament of DDFT | Musculoskeletal system finding, Connective tissue finding, Inflammat | 0 | 1 |
| 1 | 1 | Diagnosis | 20341 | Desmitis: accessory (check) ligament of SDFT | Musculoskeletal system finding, Connective tissue finding, Inflammat | 0 | 1 |
| 1 | 1 | Diagnosis | 20354 | Desmopathy: nuchal ligament (insertional) | Musculoskeletal system finding, Connective tissue finding, Head and | 0 | 1 |
| 1 | 1 | Diagnosis | 4590 | Diabetes insipidus - central | Endocrine/Metabolic finding, Nervous system finding, Head and neck | 1 | 0 |
| 1 | 1 | Diagnosis | 657 | Diabetes insipidus - nephrogenic | Endocrine/Metabolic finding, Urogenital system finding, Abdominal fin | 1 | 0 |
| 1 | 1 | Diagnosis | 19959 | Diabetes insipidus (unspecified) | Endocrine/Metabolic finding, | 1 | 1 |
| 1 | 1 | Diagnosis | 658 | Diabetes mellitus | Endocrine/Metabolic finding, Alimentary tract/Digestive system findin | 1 | 1 |
| 1 | 1 | Diagnosis | 660 | Diabetes mellitus - hyperosmolar non-ketotic syndrome | Endocrine/Metabolic finding, Alimentary tract/Digestive system findin | 1 | 0 |
| 1 | 1 | Diagnosis | 661 | Diabetes mellitus - stable | Endocrine/Metabolic finding, Alimentary tract/Digestive system findin | 1 | 0 |
| 1 | 1 | Diagnosis | 662 | Diabetes mellitus - unstable | Endocrine/Metabolic finding, Alimentary tract/Digestive system findin | 1 | 0 |
| 1 | 1 | Diagnosis | 659 | Diabetes mellitus resolved | Endocrine/Metabolic finding, Alimentary tract/Digestive system findin | 1 | 0 |
| 1 | 1 | Diagnosis | 654 | Diabetic ketoacidosis (DKA) | Endocrine/Metabolic finding, Alimentary tract/Digestive system findin | 1 | 0 |
| 1 | 1 | Diagnosis | 324 | DIAGNOSIS NOT MADE (No diagnosis) | Clinical finding, | 1 | 1 |
| 1 | 1 | Diagnosis | 15534 | DIAGNOSIS NOT MADE (Not presented for problem investigation) | Clinical finding, | 1 | 1 |
| 1 | 1 | Diagnosis | 325 | DIAGNOSIS UNCHANGED from last visit | Clinical finding, | 1 | 1 |
| 1 | 1 | Diagnosis | 663 | Diaphragmatic rupture | Musculoskeletal system finding, Thoracic finding, Abdominal finding, | 1 | 1 |
| 1 | 1 | Diagnosis | 664 | Diaphragmatic rupture - traumatic | Musculoskeletal system finding, Traumatic episode finding, Thoracic | 1 | 0 |
| 1 | 1 | Diagnosis | 22230 | Diarrhoea - rotavirus | Alimentary tract/Digestive system finding, Abdominal finding, Infectio | 1 | 1 |
| 1 | 1 | Diagnosis | 22246 | Diarrhoea - salmonellosis | Alimentary tract/Digestive system finding, Infectious disorder finding, | 0 | 1 |
| 1 | 1 | Diagnosis | 665 | Discoid lupus erythematosus (DLE) | Haircoat/skin (+ appendages) finding, Immune system finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 19883 | Discospondylitis - cervical | Musculoskeletal system finding, Inflammatory disorder finding, Infect | 1 | 1 |
| 1 | 1 | Diagnosis | 19884 | Discospondylitis - lumbar | Musculoskeletal system finding, Inflammatory disorder finding, Infect | 1 | 1 |
| 1 | 1 | Diagnosis | 19885 | Discospondylitis - lumbosacral | Musculoskeletal system finding, Inflammatory disorder finding, Infect | 1 | 1 |
| 1 | 1 | Diagnosis | 19886 | Discospondylitis - thoracic | Musculoskeletal system finding, Inflammatory disorder finding, Infect | 1 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|--|--|--------------|--------|
| 1 | 1 | Diagnosis | 19961 | Discospondylitis (site unspecified) | Musculoskeletal system finding, Infectious disorder finding, Inflammation finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19779 | Discospondylosis - cervical | Musculoskeletal system finding, Spine (vertebral column) finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19780 | Discospondylosis - lumbar | Musculoskeletal system finding, Spine (vertebral column) finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19781 | Discospondylosis - lumbosacral | Musculoskeletal system finding, Spine (vertebral column) finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19782 | Discospondylosis - thoracic | Musculoskeletal system finding, Spine (vertebral column) finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19778 | Discospondylosis (site unspecified) | Musculoskeletal system finding, Spine (vertebral column) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 667 | Disseminated intravascular coagulation (DIC) | Haemostatic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 668 | Distichiasis | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21640 | Dog fight/attack injury | Traumatic episode finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21158 | Dog rivalry (Problem behaviour) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21157 | Dog-directed aggression (Problem behaviour) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21161 | Dog-directed fear (Problem behaviour) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20355 | Dorsal displacement of soft palate (DDSP) | Alimentary/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20356 | Dourine (Trypanosoma equiperdum infection) | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 11725 | Dressing-related complication (unspecified) | Episode of care finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21750 | Drowned/Near drowning | Respiratory system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20357 | Duodenal ulceration | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20360 | Dwarfism - Achondroplasia | Height/growth finding, Developmental disorder finding, Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20359 | Dwarfism (unspecified) | Height/growth finding, Developmental disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 669 | Dysautonomia | Nervous system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20361 | Dysmaturity | Neonatal problem/disorder finding, Congenital finding | 0 | 1 |
| 1 | 1 | Diagnosis | 670 | Dysphagia | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 671 | Dysphagia - oesophageal | Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 672 | Dysphagia - pharyngeal | Alimentary tract/Digestive system finding, Respiratory system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 3913 | Dystocia - fetal maldisposition | Reproductive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 3914 | Dystocia - fetopelvic disproportion | Reproductive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 3915 | Dystocia - uterine inertia | Reproductive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19963 | Dystocia (cause unspecified) | Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 674 | Ear (aural) disease | Auditory system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 675 | Ear (aural) disease, chronic | Auditory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 676 | Ear (aural) infection | Auditory system finding, Infectious disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 677 | Ear (aural) infection - bacterial | Auditory system finding, Infectious disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 678 | Ear (aural) infection - fungal | Auditory system finding, Infectious disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 679 | Ear margin dermatosis | Haircoat/skin (+ appendages) finding, Auditory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20362 | Eastern equine encephalitis (EEE) | Nervous system finding, Infectious disorder finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19888 | Eclampsia | Reproductive system finding, Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 680 | Ectropion | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 681 | Eczema | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 684 | Elbow dysplasia (canine) | Musculoskeletal system finding, Hereditary disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 685 | Elbow dysplasia (canine) - elbow incongruity | Musculoskeletal system finding, Hereditary disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 686 | Elbow dysplasia (canine) - medial coronoid process disease, fragmented | Musculoskeletal system finding, Hereditary disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 687 | Elbow dysplasia (canine) - medial coronoid process disease, no fragment | Musculoskeletal system finding, Hereditary disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 688 | Elbow dysplasia (canine) - osteochondritis dissecans (OCD) | Musculoskeletal system finding, Hereditary disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 689 | Elbow dysplasia (canine) - ununited anconeal process (UAP) | Musculoskeletal system finding, Hereditary disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 690 | Elongated soft palate | Alimentary/Digestive system finding, Respiratory system finding, Congenital finding | 1 | 1 |
| 1 | 1 | Diagnosis | 691 | Emaciation | Nutritional finding | 1 | 1 |
| 1 | 1 | Diagnosis | 7821 | Embolus - air | Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 3962 | Embolus - cement | Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 7816 | Embolus - fat | Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 8312 | Embolus - material unknown | Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 8304 | Embolus - other | Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 8296 | Embolus - Total Hip Replacement-associated | Cardiovascular system finding, Complication of medical care finding | 1 | 0 |
| 1 | 1 | Diagnosis | 692 | Empyema - other | Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22073 | Empyema - paranasal sinus | Respiratory system finding, Inflammatory disorder finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 693 | Empyema - pythorax | Inflammatory disorder finding, Effusion finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 694 | Encephalitis | Nervous system finding, Inflammatory disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 3803 | Encephalitozoon cuniculi infection | Clinical finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20365 | Encephalomyelitis | Nervous system finding, Inflammatory disorder finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 696 | Encephalopathy - hypertensive | Nervous system finding, Cardiovascular system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 697 | Encephalopathy - uraemic | Nervous system finding, Endocrine/Metabolic finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20366 | Encephalopathy (unspecified) | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 698 | Endocardiosis | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 700 | Endocarditis - bacterial | Cardiovascular system finding, Inflammatory disorder finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19965 | Endocarditis (cause unspecified) | Cardiovascular system finding, Inflammatory disorder finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20368 | Endometrial cup retention | Reproductive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20369 | Endometrial cyst(s) | Reproductive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 701 | Endometrial cystic hyperplasia | Reproductive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20370 | Endometrial fibrosis | Reproductive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20371 | Endometrial hypoplasia | Reproductive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 702 | Endometritis | Reproductive system finding, Inflammatory disorder finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 703 | Endophthalmitis | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20372 | Endotoxaemia | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20374 | Enlarged caudal vertebral epiphysis - cervical | Musculoskeletal system finding, Developmental disorder finding, Spine (vertebral column) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20373 | Enlarged caudal vertebral epiphysis (site unspecified) | Musculoskeletal system finding, Developmental disorder finding, Spine (vertebral column) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20376 | Enostosis-like lesion - stifle | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20377 | Enostosis-like lesion - tarsus | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20375 | Enostosis-like lesion (site unspecified) | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 704 | Enteritis | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22248 | Enteritis - anterior (duodenitis-proximal jejunitis, proximal enteritis) | Alimentary tract/Digestive system finding, Inflammatory disorder finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20378 | Enteritis - antibiotic-associated | Alimentary tract/Digestive system finding, Inflammatory disorder finding, Abdominal finding, Drug-related disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20379 | Enteritis - duodenitis | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21780 | Enteritis - eosinophilic | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20380 | Enteritis - fungal | Alimentary tract/Digestive system finding, Inflammatory disorder finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 705 | Enteritis - lymphocytic/plasmacytic | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20382 | Enterocolitis - lymphocytic/plasmacytic | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20381 | Enterocolitis (unspecified) | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20383 | Enteroliths | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20384 | Enteropathy - bacterial | Alimentary tract/Digestive system finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19722 | Enteropathy - chronic | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19743 | Enteropathy - Chronic (CCECAL ≥12) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19739 | Enteropathy - Chronic (CCECAL 0-3) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19740 | Enteropathy - Chronic (CCECAL 4-5) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19741 | Enteropathy - Chronic (CCECAL 6-8) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19742 | Enteropathy - Chronic (CCECAL 9-11) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19738 | Enteropathy - Chronic (CCECAL unknown/unspecified) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20385 | Enteropathy - fungal | Alimentary tract/Digestive system finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22250 | Enteropathy - proliferative (Lawsonia) | Alimentary tract/Digestive system finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20386 | Enteropathy - viral | Alimentary tract/Digestive system finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19967 | Enteropathy (unspecified) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20399 | Enthesiophyte(s) | Musculoskeletal system finding | 0 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|--|--------------|--------|
| 1 | 1 | Diagnosis | 20400 | Enthesitis (site unspecified) | Musculoskeletal system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20387 | Enthesopathy - distal phalanx | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20388 | Enthesopathy - lateral collateral ligament DIP joint | Musculoskeletal system finding, Connective tissue finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20389 | Enthesopathy - lateral collateral ligament MCP joint | Musculoskeletal system finding, Connective tissue finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20390 | Enthesopathy - lateral collateral ligament MTP joint | Musculoskeletal system finding, Connective tissue finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20391 | Enthesopathy - medial collateral ligament DIP joint | Musculoskeletal system finding, Connective tissue finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20392 | Enthesopathy - medial collateral ligament MCP joint | Musculoskeletal system finding, Connective tissue finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20393 | Enthesopathy - medial collateral ligament MTP joint | Musculoskeletal system finding, Connective tissue finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20394 | Enthesopathy - middle phalanx | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20395 | Enthesopathy - navicular bone | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20396 | Enthesopathy - proximal phalanx | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20397 | Enthesopathy - stifle | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20398 | Enthesopathy - tarsus | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19969 | Enthesopathy (site unspecified) | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 708 | Entropion | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 5875 | Envenomation | Intoxication (poisoning)/toxin exposure finding | 1 | 1 |
| 1 | 1 | Diagnosis | 709 | Enzymopathy | Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9645 | Eosinophilic bronchopneumopathy (Pulmonary infiltrates with eosinophils) | Respiratory system finding, Inflammatory disorder finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 710 | Eosinophilic granuloma | Haircoat/skin (+ appendages) finding, Immune system finding, Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21648 | Eosinophilic lip ulcer (rodent ulcer) | Haircoat/skin (+ appendages) finding, Immune system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 711 | Eosinophilic plaque | Haircoat/skin (+ appendages) finding, Immune system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 712 | Ependymoma of brain | Nervous system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4610 | Ependymoma of spinal cord | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 714 | Epidermoid cyst - spinal | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20401 | Epidermoid cyst (unspecified) | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20403 | Epididymal cyst | Urogenital system finding, Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20404 | Epiglottic deformity | Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20405 | Epiglottic entrapment | Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20406 | Epiglottic hypoplasia/flaccidity | Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20407 | Epiglottic retroversion | Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20408 | Epiglottitis | Respiratory system finding, Inflammatory disorder finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20409 | Epiglottitis, acute | Respiratory system finding, Inflammatory disorder finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 715 | Epilepsy | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 716 | Epilepsy - Cursive (running) epilepsy | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20410 | Epilepsy - Equine neonatal epilepsy | Nervous system finding, Head and neck finding, Neonatal problem/disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 717 | Epilepsy - focal | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 718 | Epilepsy - idiopathic generalised | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19802 | Ephora | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 719 | Epiphyseal disorder | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 720 | Epiphysitis/physitis | Musculoskeletal system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22252 | Epiptic foramen entrapment | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 721 | Episcleritis | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 722 | Episcleritis - nodular | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17003 | Epithelioma - intracutaneous cornifying | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17005 | Epithelioma - melibomian | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17007 | Epithelioma - perianal gland | Haircoat/skin (+ appendages) finding, Perineal finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17009 | Epithelioma (site unspecified) | Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17012 | Eplulis - giant cell, mandible | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17014 | Eplulis - giant cell, maxilla | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16801 | Eplulis - ossifying eplulis, mandible | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16802 | Eplulis - ossifying eplulis, maxilla | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16805 | Eplulis - periodontal fibromatous eplulis (periodontal ossifying fibroma) | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16806 | Eplulis - periodontal fibromatous eplulis (periodontal ossifying fibroma) | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16797 | Eplulis (type unspecified) - mandible | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16798 | Eplulis (type unspecified) - maxilla | Mass lesion/swelling finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20411 | Equine adenovirus infection | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20412 | Equine coital exanthema (Equine herpesvirus type 3 (EHV-3) infection) | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20413 | Equine degenerative myeloencephalopathy (EDM) | Nervous system disorder finding, Degenerative disorder finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20414 | Equine eosinophilic granuloma with collagen necrosis (Nodular necrotizing eosinophilic granuloma) | Haircoat/skin (+ appendages) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20415 | Equine exfoliative eosinophilic dermatitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Immune system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22257 | Equine grass sickness (EGS)(Equine dysautonomia, Grass disease) - type 1 | Nervous system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22258 | Equine grass sickness (EGS)(Equine dysautonomia, Grass disease) - type 2 | Nervous system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22259 | Equine grass sickness (EGS)(Equine dysautonomia, Grass disease) - type 3 | Nervous system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22255 | Equine grass sickness (EGS)(Equine dysautonomia, Grass disease)(Congenital) | Nervous system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22260 | Equine herpesvirus (EHV) infection | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20417 | Equine herpesvirus type 1 (EHV-1) infection | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20418 | Equine herpesvirus type 1 (EHV-1) infection - congenital | Infectious disorder finding, Congenital disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20419 | Equine herpesvirus type 1 (EHV-1) myeloencephalitis | Nervous system disorder finding, Infectious disorder finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20420 | Equine herpesvirus type 2 (EHV-2) infection | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22262 | Equine herpesvirus type 3 (EHV-3) infection | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20421 | Equine herpesvirus type 4 (EHV-4) infection | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22263 | Equine herpesvirus type 5 (EHV-5) infection | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22264 | Equine herpesvirus type 6 (EHV-6) infection | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22265 | Equine herpesvirus type 7 (EHV-7) infection | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22266 | Equine herpesvirus type 8 (EHV-8) infection | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20422 | Equine infectious anaemia (EIA, Swamp fever) | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20423 | Equine influenza virus infection | Infectious disorder finding, Respiratory system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22201 | Equine insect-bite hypersensitivity (sweet itch)(Culicoides hypersensitivity) | Immune system finding, Haircoat/skin (+ appendages) finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22205 | Equine lungworm (Dictyocaulus arnfieldi) | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20425 | Equine metabolic syndrome | Endocrine/Metabolic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20426 | Equine monocytic ehrlichiosis (Acute equine diarrhoea syndrome, Potomac fever) | Alimentary tract/Digestive system finding, Inflammatory disorder finding, Immune system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20427 | Equine motor neuron disease (EMND) | Nervous system disorder finding, Degenerative disorder finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20428 | Equine nodular collagenolytic granuloma | Haircoat/skin (+ appendages) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20429 | Equine polysaccharide storage myopathy (EPSSM) | Endocrine/Metabolic finding, Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20430 | Equine protozoal myeloencephalitis (EPM) | Nervous system disorder finding, Infectious disorder finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20431 | Equine purpura haemorrhagica (EPH) | Cardiovascular system finding, Inflammatory disorder finding, Immune system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22211 | Equine recurrent uveitis (ERU)(Periodic ophthalmia) | Ophthalmology/vision finding, Inflammatory disorder finding, Immune system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20432 | Equine rhinovirus (ERV) infection | Infectious disorder finding, Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20433 | Equine Strangles | Infectious disorder finding, Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20434 | Equine Strangles - metastatic/Bastard Strangles | Infectious disorder finding, Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20435 | Equine viral arteritis (EVA) | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20436 | Equine viral papular dermatitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Immune system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20437 | Equine viral rhinopneumonitis | Infectious disorder finding, Respiratory system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20438 | Ergotism | Intoxication (poisoning)/toxin exposure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 727 | Erythema multiforme | Haircoat/skin (+ appendages) disorder finding, Immune system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 728 | Erythema multiforme - herpesvirus-associated | Haircoat/skin (+ appendages) disorder finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 729 | Erythroid hypoplasia | Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21707 | Eschar | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 730 | Escherichia coli infection | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20439 | Ethmoid haematoma | Mass lesion/swelling finding, Respiratory system finding, Head and neck finding | 0 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|--|--------------|--------|
| 1 | 1 | Diagnosis | 731 | Evans syndrome | Haematopoietic system finding, Immune system finding, Haemostatic | 1 | 0 |
| 1 | 1 | Diagnosis | 21166 | Excitability (Problem behaviour) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2908 | Exercise-induced collapse in Labrador Retrievers | Musculoskeletal system finding, Hereditary disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20440 | Exercise-induced pulmonary haemorrhage (EIPH) | Cardiovascular system finding, Respiratory system finding, Thoracic | 0 | 1 |
| 1 | 1 | Diagnosis | 732 | Exocrine pancreatic insufficiency (EPI) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22065 | Exophthalmos | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20442 | Exostosis - distal radius | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20443 | Exostosis - metacarpal II (splint bone) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20444 | Exostosis - metacarpal IV (splint bone) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20445 | Exostosis - metatarsal II (splint bone) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20446 | Exostosis - metatarsal IV (splint bone) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20447 | Exostosis - nasofrontal suture | Musculoskeletal system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20441 | Exostosis (site unspecified) | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22267 | Exuberant granulation tissue (proud flesh) | Connective tissue finding, Soft tissue finding, Wound finding | 0 | 1 |
| 1 | 1 | Diagnosis | 733 | Eye proptosed | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22130 | Eyelid agenesis | Ophthalmology/vision finding, Congenital finding, Head and neck findi | 1 | 1 |
| 1 | 1 | Diagnosis | 735 | Eyelid laceration | Ophthalmology/vision finding, Wound finding, Traumatic episode findi | 1 | 1 |
| 1 | 1 | Diagnosis | 736 | Facial neuropathy/nerve paralysis | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21649 | Fading kitten syndrome | Neonatal problem/disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21650 | Fading puppy syndrome | Neonatal problem/disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 737 | Faecal incontinence | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22268 | Failure of passive transfer (FPT) - complete | Neonatal problem/disorder finding, Immune system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22269 | Failure of passive transfer (FPT) - partial | Neonatal problem/disorder finding, Immune system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22270 | Failure of passive transfer (FPT)(type unspecified) | Neonatal problem/disorder finding, Immune system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 738 | Familial nephropathy | Urogenital system finding, Inflammatory disorder finding, Hereditary d | 1 | 0 |
| 1 | 1 | Diagnosis | 739 | Fanconi's syndrome | Urogenital system finding, Hereditary disorder finding, Abdominal fi | 1 | 1 |
| 1 | 1 | Diagnosis | 740 | Feline asthma (Feline allergic airway disease, FAAD) | Respiratory system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 741 | Feline calicivirus infection | Infectious disorder finding, Respiratory system finding, Head and nec | 1 | 0 |
| 1 | 1 | Diagnosis | 742 | Feline central retinal degeneration (FCRD) | Ophthalmology/vision finding, Degenerative disorder finding, Head an | 1 | 0 |
| 1 | 1 | Diagnosis | 743 | Feline dysautonomia | Nervous system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 744 | Feline eosinophilic granuloma complex | Haircoat/skin (+ appendages) finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21652 | Feline gingivitis-stomatitis complex (gingivostomatitis) | Alimentary tract/Digestive system finding, Soft tissue finding, Inflam | 1 | 0 |
| 1 | 1 | Diagnosis | 745 | Feline hyperseroinophilic syndrome | Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 746 | Feline idiopathic cystitis | Urogenital system finding, Inflammatory disorder finding, Abdominal f | 1 | 0 |
| 1 | 1 | Diagnosis | 747 | Feline immunodeficiency virus (FIV) infection | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 748 | Feline infectious peritonitis (FIP) | Infectious disorder finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 750 | Feline leukaemia virus (FeLV) giant cell dermatitis | Infectious disorder finding, Haircoat/skin (+ appendages) finding, Infla | 1 | 0 |
| 1 | 1 | Diagnosis | 749 | Feline leukaemia virus (FeLV) infection | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 751 | Feline lower urinary tract disease (FLUTD) | Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21653 | Feline Odontoclastic Resorptive Lesion (FORL; "Neck lesion") | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9689 | Feline parvovirus infection (Feline panleucopenia) | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21822 | Feline skin fragility syndrome | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21702 | Feline triaditis | Hepatobiliary system finding, Alimentary tract/Digestive system findir | 1 | 0 |
| 1 | 1 | Diagnosis | 752 | Feline ulcerative dermatitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 753 | Feline urological syndrome (FUS) | Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 754 | Feline viral respiratory disease complex | Infectious disorder finding, Respiratory system finding, Head and nec | 1 | 0 |
| 1 | 1 | Diagnosis | 755 | Feline viral rhinotracheitis | Infectious disorder finding, Respiratory system finding, Head and nec | 1 | 0 |
| 1 | 1 | Diagnosis | 20452 | Femoral tibial meniscal injury/tear | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19971 | Fetal death/abortion (cause unspecified) | Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20460 | Fetal death/abortion due to EHV-1 | Reproductive system finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20461 | Fetal death/abortion due to EVA | Reproductive system finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20462 | Fetal death/abortion due to twins | Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20463 | Fetal death/abortion due to umbilical torsion | Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20464 | Fetal mummification | Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 17016 | Fibroadenoma - mammary | Reproductive system finding, Connective tissue finding, Mass lesion/s | 1 | 0 |
| 1 | 1 | Diagnosis | 757 | Fibrocartilagenous embolism (FCE) of spinal cord | Nervous system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17026 | Fibroma - urinary bladder | Urogenital system finding, Connective tissue finding, Mass lesion/sw | 1 | 0 |
| 1 | 1 | Diagnosis | 17024 | Fibroma (site unspecified) | Connective tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17028 | Fibroma (type unspecified) | Connective tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 758 | Fibropruritic nodule | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17032 | Fibrosarcoma - bone | Musculoskeletal system finding, Connective tissue finding, Mass lesi | 1 | 0 |
| 1 | 1 | Diagnosis | 17034 | Fibrosarcoma - cutaneous (skin) | Haircoat/skin (+ appendages) finding, Connective tissue finding, Mas | 1 | 0 |
| 1 | 1 | Diagnosis | 17040 | Fibrosarcoma - epididymal | Urogenital system finding, Reproductive system finding, Connective t | 1 | 0 |
| 1 | 1 | Diagnosis | 17042 | Fibrosarcoma - Feline injection site | Complication of medical care finding, Connective tissue finding, Soft | 1 | 0 |
| 1 | 1 | Diagnosis | 17044 | Fibrosarcoma - hepatic (liver) | Hepatobiliary system finding, Connective tissue finding, Mass lesion/ | 1 | 0 |
| 1 | 1 | Diagnosis | 17046 | Fibrosarcoma - intestinal | Alimentary tract/Digestive system finding, Connective tissue finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 17048 | Fibrosarcoma - mammary | Reproductive system finding, Connective tissue finding, Mass lesion/ | 1 | 0 |
| 1 | 1 | Diagnosis | 17050 | Fibrosarcoma - nasal cavity | Respiratory system finding, Connective tissue finding, Mass lesion/s | 1 | 0 |
| 1 | 1 | Diagnosis | 17052 | Fibrosarcoma - oral, mandible | Alimentary tract/Digestive system finding, Connective tissue finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 17055 | Fibrosarcoma - oral, maxilla | Alimentary tract/Digestive system finding, Connective tissue finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 17057 | Fibrosarcoma - oropharyngeal | Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17059 | Fibrosarcoma - renal (kidney) | Urogenital system finding, Connective tissue finding, Mass lesion/sw | 1 | 0 |
| 1 | 1 | Diagnosis | 17039 | Fibrosarcoma - soft tissue | Connective tissue finding, Soft tissue finding, Mass lesion/swelling fi | 1 | 0 |
| 1 | 1 | Diagnosis | 17036 | Fibrosarcoma - subcutaneous | Haircoat/skin (+ appendages) finding, Connective tissue finding, Mas | 1 | 0 |
| 1 | 1 | Diagnosis | 17061 | Fibrosarcoma - urinary bladder | Urogenital system finding, Connective tissue finding, Mass lesion/sw | 1 | 0 |
| 1 | 1 | Diagnosis | 16420 | Fibrosarcoma (site unspecified) | Connective tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 4564 | First degree AV block | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 760 | Flail chest | Musculoskeletal system finding, Traumatic episode finding, Thoracic | 1 | 1 |
| 1 | 1 | Diagnosis | 19812 | Flatulence | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21655 | Flea bite hypersensitivity (Flea allergic dermatitis, FAD) | Immune system finding, Haircoat/skin (+ appendages) finding, Infecti | 1 | 0 |
| 1 | 1 | Diagnosis | 20455 | Flexural deformity - acquired | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20456 | Flexural deformity - congenital | Musculoskeletal system finding, Congenital finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20454 | Flexural deformity (unspecified) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 761 | Fly bites | Haircoat/skin (+ appendages) finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20458 | Foal (healthy) accompanying mare | Clinical finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20457 | Foal heat diarrhoea | Neonatal problem/disorder finding, Alimentary tract/Digestive system | 0 | 1 |
| 1 | 1 | Diagnosis | 20459 | Foal immunodeficiency syndrome (FIS, formerly Fell Pony syndrome) | Immune system finding, Lymphatic system finding, Haematopoietic s | 0 | 1 |
| 1 | 1 | Diagnosis | 762 | Follicular cornification disorder | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 763 | Follicular dysplasia | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22271 | Folliculitis - pastern | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 0 | 1 |
| 1 | 1 | Diagnosis | 20465 | Folliculitis (unspecified) | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, | 0 | 1 |
| 1 | 1 | Diagnosis | 764 | Folliculitis and furunculosis - of muzzle | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 1 | 0 |
| 1 | 1 | Diagnosis | 765 | Folliculitis and furunculosis - pyotraumatic | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 1 | 0 |
| 1 | 1 | Diagnosis | 20466 | Folliculitis, immune-mediated | Haircoat/skin (+ appendages) finding, Immune system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20468 | Folliculitis, infectious - bacterial | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 0 | 1 |
| 1 | 1 | Diagnosis | 20469 | Folliculitis, infectious - fungal | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 0 | 1 |
| 1 | 1 | Diagnosis | 20470 | Folliculitis, infectious - parasitic | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 0 | 1 |
| 1 | 1 | Diagnosis | 20467 | Folliculitis, infectious (unspecified) | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 0 | 1 |
| 1 | 1 | Diagnosis | 767 | Food intolerance | Adverse reaction finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19724 | Food-responsive enteropathy | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19749 | Food-responsive enteropathy (CCECAI ≥12) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|---|--------------|--------|
| 1 | 1 | Diagnosis | 19745 | Food-responsive enteropathy (CCECAL 0-3) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19746 | Food-responsive enteropathy (CCECAL 4-5) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19747 | Food-responsive enteropathy (CCECAL 6-8) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19748 | Food-responsive enteropathy (CCECAL 9-11) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19744 | Food-responsive enteropathy (CCECAL unknown/unspecified) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20471 | Foot imbalance | Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22272 | Foot pain | Nervous system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21656 | Footpad disorder (unspecified) | Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 788 | Footpad hyperkeratosis | Haircoat/skin (+ appendages) finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 770 | Foreign body - aural (ear) | Foreign body finding, Auditory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 771 | Foreign body - bronchial | Foreign body finding, Respiratory system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21660 | Foreign body - conjunctival | Foreign body finding, Ophthalmology/vision finding, Soft tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 772 | Foreign body - cutaneous (skin) | Foreign body finding, Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 773 | Foreign body - gastric (stomach) | Foreign body finding, Alimentary tract/Digestive system finding, Abdo | 1 | 1 |
| 1 | 1 | Diagnosis | 774 | Foreign body - intestinal, large | Foreign body finding, Alimentary tract/Digestive system finding, Abdo | 1 | 1 |
| 1 | 1 | Diagnosis | 775 | Foreign body - intestinal, small | Foreign body finding, Alimentary tract/Digestive system finding, Abdo | 1 | 1 |
| 1 | 1 | Diagnosis | 776 | Foreign body - intra-ocular | Foreign body finding, Ophthalmology/vision finding, Head and neck fi | 1 | 1 |
| 1 | 1 | Diagnosis | 778 | Foreign body - intra-ocular, anterior chamber | Foreign body finding, Ophthalmology/vision finding, Head and neck fi | 1 | 0 |
| 1 | 1 | Diagnosis | 777 | Foreign body - intra-ocular, corneal | Foreign body finding, Ophthalmology/vision finding, Head and neck fi | 1 | 1 |
| 1 | 1 | Diagnosis | 779 | Foreign body - limb | Foreign body finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 780 | Foreign body - nasal (nose) | Foreign body finding, Respiratory system finding, Head and neck find | 1 | 0 |
| 1 | 1 | Diagnosis | 21883 | Foreign body - nasolacrimal (tear) duct | Foreign body finding, Ophthalmology/vision finding, Head and neck fi | 1 | 1 |
| 1 | 1 | Diagnosis | 782 | Foreign body - oesophageal | Foreign body finding, Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 783 | Foreign body - oral (mouth) | Foreign body finding, Alimentary tract/Digestive system finding, Head | 1 | 1 |
| 1 | 1 | Diagnosis | 784 | Foreign body - orbital | Foreign body finding, Ophthalmology/vision finding, Head and neck fi | 1 | 0 |
| 1 | 1 | Diagnosis | 22074 | Foreign body - paranasal sinus | Foreign body finding, Respiratory system finding, Head and neck find | 1 | 0 |
| 1 | 1 | Diagnosis | 785 | Foreign body - peritoneal | Foreign body finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 786 | Foreign body - pharyngeal | Foreign body finding, Alimentary tract/Digestive system finding, Resp | 1 | 1 |
| 1 | 1 | Diagnosis | 787 | Foreign body - pulmonary (lung) | Foreign body finding, Respiratory system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 788 | Foreign body - retrobulbar | Foreign body finding, Ophthalmology/vision finding, Head and neck fi | 1 | 0 |
| 1 | 1 | Diagnosis | 789 | Foreign body - retroperitoneal | Foreign body finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 790 | Foreign body - third eyelid/nictitating membrane | Foreign body finding, Ophthalmology/vision finding, Soft tissue finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20472 | Foreign body - thoracic | Foreign body finding, Thoracic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21663 | Foreign body - thorn | Foreign body finding | 1 | 0 |
| 1 | 1 | Diagnosis | 8543 | Foreign body - tracheal | Foreign body finding, Respiratory system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19973 | Foreign body (site unspecified) | Foreign body finding | 1 | 1 |
| 1 | 1 | Diagnosis | 796 | Foreign body left post-operatively - clinical object | Foreign body finding, Complication of medical care finding | 1 | 1 |
| 1 | 1 | Diagnosis | 797 | Foreign body left post-operatively - non-clinical object | Foreign body finding, Complication of medical care finding | 1 | 1 |
| 1 | 1 | Diagnosis | 792 | Foreign body, air gun pellet | Foreign body finding | 1 | 0 |
| 1 | 1 | Diagnosis | 791 | Foreign body, alimentary tract - linear | Foreign body finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 793 | Foreign body, bone | Foreign body finding | 1 | 0 |
| 1 | 1 | Diagnosis | 794 | Foreign body, fishing hook | Foreign body finding | 1 | 0 |
| 1 | 1 | Diagnosis | 795 | Foreign body, grass seed | Foreign body finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19975 | Fracture (unspecified) | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 814 | Fracture healed | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 815 | Fracture healing | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 816 | Fracture healing disorder - delayed union/non-union | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 817 | Fracture healing disorder - malunion | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22273 | Fracture of forelimb - metacarpal II (MC2, medial splint) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22276 | Fracture of forelimb - metacarpal II (MC2, medial splint), distal | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22277 | Fracture of forelimb - metacarpal II (MC2, medial splint), proximal | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22279 | Fracture of forelimb - metacarpal III (MC3, cannon) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22280 | Fracture of forelimb - metacarpal III (MC3, cannon), lateral condylar | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22281 | Fracture of forelimb - metacarpal III (MC3, cannon), medial condylar | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22283 | Fracture of forelimb - metacarpal IV (MC4, lateral splint) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22286 | Fracture of forelimb - metacarpal IV (MC4, lateral splint), distal | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22287 | Fracture of forelimb - metacarpal IV (MC4, lateral splint), proximal | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20473 | Fracture of hyoid apparatus | Musculoskeletal system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 5845 | Fracture of os penis | Musculoskeletal system finding, Urogenital system finding, Reproduc | 1 | 0 |
| 1 | 1 | Diagnosis | 20474 | Fracture of pelvic limb - base of ossified cartilage | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 819 | Fracture of pelvic limb - calcaneus | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20475 | Fracture of pelvic limb - calcaneus, sustentaculum tali | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20476 | Fracture of pelvic limb - chip fracture (bone chip)(site unspecified) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 820 | Fracture of pelvic limb - femur | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 821 | Fracture of pelvic limb - fibula | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20477 | Fracture of pelvic limb - metatarsal II (splint bone), distal | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20478 | Fracture of pelvic limb - metatarsal II (splint bone), proximal | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20479 | Fracture of pelvic limb - metatarsal III | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20480 | Fracture of pelvic limb - metatarsal IV (splint bone), distal | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20481 | Fracture of pelvic limb - metatarsal IV (splint bone), proximal | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 822 | Fracture of pelvic limb - metatarsal(s) | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20482 | Fracture of pelvic limb - navicular (distal sesamoid) bone | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 823 | Fracture of pelvic limb - patella | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 824 | Fracture of pelvic limb - paw, multiple fractures | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 825 | Fracture of pelvic limb - phalanx | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20483 | Fracture of pelvic limb - phalanx, distal | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20484 | Fracture of pelvic limb - phalanx, middle | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20485 | Fracture of pelvic limb - phalanx, proximal | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20486 | Fracture of pelvic limb - proximal sesamoid bone | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 826 | Fracture of pelvic limb - talus | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19891 | Fracture of pelvic limb - tarsal bone (unspecified) | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 827 | Fracture of pelvic limb - tarsal bone, central | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20487 | Fracture of pelvic limb - tarsal bone, central - slab fracture | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 828 | Fracture of pelvic limb - tarsal bone, distal | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20488 | Fracture of pelvic limb - tarsal bone, third | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20489 | Fracture of pelvic limb - tarsal bone, third - slab fracture | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 829 | Fracture of pelvic limb - tibia | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 830 | Fracture of pelvic limb - tibia AND fibula | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19977 | Fracture of pelvic limb (site unspecified) | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 832 | Fracture of pelvis - acetabulum | Musculoskeletal system finding, Pelvic structure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 833 | Fracture of pelvis - ilium | Musculoskeletal system finding, Pelvic structure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 834 | Fracture of pelvis - ischium | Musculoskeletal system finding, Pelvic structure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 835 | Fracture of pelvis - multiple fractures | Musculoskeletal system finding, Pelvic structure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 836 | Fracture of pelvis - pubis | Musculoskeletal system finding, Pelvic structure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19979 | Fracture of pelvis (unspecified) | Musculoskeletal system finding, Pelvic structure finding | 1 | 1 |
| 1 | 1 | Diagnosis | 837 | Fracture of pelvis with sacroiliac luxation/subluxation | Musculoskeletal system finding, Pelvic structure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 838 | Fracture of rib(s) | Musculoskeletal system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20490 | Fracture of skull - basisphenoid bone | Musculoskeletal system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 840 | Fracture of skull - frontal bone | Musculoskeletal system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 841 | Fracture of skull - frontal sinus | Musculoskeletal system finding, Respiratory system finding, Head an | 1 | 1 |
| 1 | 1 | Diagnosis | 20491 | Fracture of skull - incisive bone | Musculoskeletal system finding, Head and neck finding | 0 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|--|--------------|--------|
| 1 | 1 | Diagnosis | 20492 | Fracture of skull - involving nasal cavity | Musculoskeletal system finding, Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20493 | Fracture of skull - involving paranasal sinus | Musculoskeletal system finding, Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 842 | Fracture of skull - involving temporomandibular joint (TMJ) | Musculoskeletal system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 843 | Fracture of skull - mandible | Musculoskeletal system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 844 | Fracture of skull - maxilla | Musculoskeletal system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20494 | Fracture of skull - maxillary bone | Musculoskeletal system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 845 | Fracture of skull - multiple fractures | Musculoskeletal system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 846 | Fracture of skull - nasal bone | Musculoskeletal system finding, Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20495 | Fracture of skull - occipital bone | Musculoskeletal system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 847 | Fracture of skull - orbit | Musculoskeletal system finding, Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20496 | Fracture of skull - periorbital | Musculoskeletal system finding, Ophthalmology/vision finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20497 | Fracture of skull - premaxilla | Musculoskeletal system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20498 | Fracture of skull - temporal bone | Musculoskeletal system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 848 | Fracture of skull - zygomatic bone | Musculoskeletal system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19981 | Fracture of skull (unspecified) | Musculoskeletal system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 849 | Fracture of sternum | Musculoskeletal system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20499 | Fracture of thoracic limb - base of ossified cartilage | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19893 | Fracture of thoracic limb - carpal bone (unspecified) | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20500 | Fracture of thoracic limb - carpal bone (unspecified), slab fracture | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 851 | Fracture of thoracic limb - carpal bone, accessory | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 852 | Fracture of thoracic limb - carpal bone, distal | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 853 | Fracture of thoracic limb - carpal bone, radial | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20501 | Fracture of thoracic limb - carpal bone, third | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20502 | Fracture of thoracic limb - carpal bone, third - slab fracture | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 854 | Fracture of thoracic limb - carpal bone, ulnar | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 855 | Fracture of thoracic limb - carpal bones, multiple | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20504 | Fracture of thoracic limb - chip fracture (bone chip) - carpal bone | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20503 | Fracture of thoracic limb - chip fracture (bone chip)(site unspecified) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 856 | Fracture of thoracic limb - clavicle | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19985 | Fracture of thoracic limb - humerus (site unspecified) | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 858 | Fracture of thoracic limb - humerus, intercondylar Y/T | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 859 | Fracture of thoracic limb - humerus, lateral condyle | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 860 | Fracture of thoracic limb - humerus, medial condyle | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 861 | Fracture of thoracic limb - metacarpal(s) | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20510 | Fracture of thoracic limb - navicular (distal sesamoid) bone | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 862 | Fracture of thoracic limb - paw, multiple fractures | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 863 | Fracture of thoracic limb - phalanx | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20511 | Fracture of thoracic limb - phalanx, distal | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20512 | Fracture of thoracic limb - phalanx, middle | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20513 | Fracture of thoracic limb - phalanx, proximal | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20514 | Fracture of thoracic limb - proximal sesamoid bone | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 864 | Fracture of thoracic limb - radius | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 865 | Fracture of thoracic limb - radius AND ulna | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 866 | Fracture of thoracic limb - scapula | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19987 | Fracture of thoracic limb - ulna (unspecified) | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 868 | Fracture of thoracic limb - ulna, Monteggia's fracture | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 869 | Fracture of thoracic limb - ulna, olecranon | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19983 | Fracture of thoracic limb (site unspecified) | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19991 | Fracture of vertebral column - cervical (unspecified) | Musculoskeletal system finding, Spine (vertebral column) finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 877 | Fracture of vertebral column - coccygeal | Musculoskeletal system finding, Spine (vertebral column) finding, Tail finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20515 | Fracture of vertebral column - dorsal spinous process(es) | Musculoskeletal system finding, Spine (vertebral column) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 872 | Fracture of vertebral column - first cervical vertebra (C1) | Musculoskeletal system finding, Spine (vertebral column) finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 874 | Fracture of vertebral column - lumbar | Musculoskeletal system finding, Spine (vertebral column) finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 876 | Fracture of vertebral column - sacrum | Musculoskeletal system finding, Spine (vertebral column) finding, Pelvic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 873 | Fracture of vertebral column - second cervical vertebra (C2) | Musculoskeletal system finding, Spine (vertebral column) finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 875 | Fracture of vertebral column - thoracic | Musculoskeletal system finding, Spine (vertebral column) finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19989 | Fracture of vertebral column (site unspecified) | Musculoskeletal system finding, Spine (vertebral column) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 799 | Fracture, closed | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 800 | Fracture, comminuted | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 801 | Fracture, greenstick | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19817 | Fracture, incomplete | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 802 | Fracture, intra-articular | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 803 | Fracture, oblique | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 804 | Fracture, open | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 805 | Fracture, pathological | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 806 | Fracture, Salter-Harris Type I | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 807 | Fracture, Salter-Harris Type II | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 808 | Fracture, Salter-Harris Type III | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 809 | Fracture, Salter-Harris Type IV | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 810 | Fracture, Salter-Harris Type V | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19890 | Fracture, simple | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 811 | Fracture, spiral | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 813 | Fracture, transverse | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 812 | Fracture, stress | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20516 | Frostbite | Haircoat/skin (+ appendages) finding, Traumatic episode finding | 0 | 1 |
| 1 | 1 | Diagnosis | 878 | Furunculosis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20517 | Furunculosis - staphylococcal | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 879 | Galactosialidosis | Endocrine/metabolic finding, Nervous system finding, Congenital finding | 1 | 0 |
| 1 | 1 | Diagnosis | 880 | Gallbladder mucocele | Hepatobiliary system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 881 | Gallbladder perforation | Hepatobiliary system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 882 | Gallbladder rupture | Hepatobiliary system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21816 | Gastric (stomach) dilation (" Bloat ") | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20518 | Gastric (stomach) impaction | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 885 | Gastric (stomach) outflow (pyloric) obstruction | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 886 | Gastric (stomach) perforation | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 887 | Gastric (stomach) rupture | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 888 | Gastric (stomach) torsion - chronic | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 889 | Gastric (stomach) ulceration | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21817 | Gastric dilation-volvulus syndrome (GDV)(" Bloat ") | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17063 | Gastrinoma | Alimentary tract/Digestive system finding, Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 891 | Gastritis - acute | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 892 | Gastritis - chronic | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 893 | Gastritis - hypertrophic | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 894 | Gastritis - lymphocytic | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19993 | Gastritis (unspecified) | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20519 | Gastroduodenal ulceration | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 895 | Gastroenteritis | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 896 | Gastroenteritis - acute | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20520 | Gastroenteritis - eosinophilic | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 897 | Gastroesophageal reflux | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 7457 | Gastrointestinal disorder, parasitic | Alimentary tract/Digestive system finding, Infectious disorder finding | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|--|--------------|--------|
| 1 | 1 | Diagnosis | 898 | Gastrointestinal haemorrhage | Alimentary tract/Digestive system finding, Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 7459 | Gastrointestinal helminth infestation (worms) | Alimentary tract/Digestive system finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17070 | Gastrointestinal Stromal Tumour (GIST) - large intestine, colon | Alimentary tract/Digestive system finding, Connective tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17072 | Gastrointestinal Stromal Tumour (GIST) - large intestine, rectum | Alimentary tract/Digestive system finding, Connective tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17074 | Gastrointestinal Stromal Tumour (GIST) - small intestine | Alimentary tract/Digestive system finding, Connective tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17076 | Gastrointestinal Stromal Tumour (GIST) - stomach (gastric) | Alimentary tract/Digestive system finding, Connective tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17065 | Gastrointestinal Stromal Tumour (GIST)(site unspecified) | Alimentary tract/Digestive system finding, Connective tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 899 | Giardiasis | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21685 | Gingival hyperplasia | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 900 | Gingivitis/gingival (gum) disease | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20521 | Girth gall | Haircoat/skin (+ appendages) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20522 | Glanders (Farcy) | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 902 | Glaucoma - primary | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 903 | Glaucoma - secondary | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19995 | Glaucoma (unclassified) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16811 | Glioma, brain - astrocytoma | Nervous system finding, Mass lesion/swelling finding, Head and neck | 1 | 0 |
| 1 | 1 | Diagnosis | 16814 | Glioma, brain - oligoastrocytoma | Nervous system finding, Mass lesion/swelling finding, Head and neck | 1 | 0 |
| 1 | 1 | Diagnosis | 16817 | Glioma, brain - oligodendroglioma | Nervous system finding, Mass lesion/swelling finding, Head and neck | 1 | 0 |
| 1 | 1 | Diagnosis | 16809 | Glioma, brain (type unspecified) | Nervous system finding, Mass lesion/swelling finding, Head and neck | 1 | 1 |
| 1 | 1 | Diagnosis | 16822 | Glioma, spinal cord - astrocytoma | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16824 | Glioma, spinal cord - oligoastrocytoma | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16826 | Glioma, spinal cord - oligodendroglioma | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16820 | Glioma, spinal cord (type unspecified) | Nervous system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 907 | Glomerulonephritis | Urogenital system finding, Inflammatory disorder finding, Abdominal fi | 1 | 1 |
| 1 | 1 | Diagnosis | 17078 | Glucagonoma | Alimentary tract/Digestive system finding, Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 8370 | Glucosuria | Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20523 | Goitre | Endocrine/Metabolic finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20524 | Gonadal dysgenesis | Urogenital system finding, Reproductive system finding, Congenital fi | 0 | 1 |
| 1 | 1 | Diagnosis | 17083 | Granular cell myoblastoma - central nervous system (CNS) | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17085 | Granular cell myoblastoma - oropharyngeal | Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17081 | Granular cell myoblastoma (site unspecified) | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17090 | Granuloma - renal (kidney) | Urogenital system finding, Immune system finding, Inflammatory diso | 1 | 0 |
| 1 | 1 | Diagnosis | 17087 | Granuloma (site unspecified) | Immune system finding, Inflammatory disorder finding, Mass lesion/s | 1 | 0 |
| 1 | 1 | Diagnosis | 908 | Granulomatous meningoencephalitis (GME) | Nervous system finding, Inflammatory disorder finding, Head and nec | 1 | 0 |
| 1 | 1 | Diagnosis | 909 | Granulomatous meningoencephalomyelitis | Nervous system finding, Inflammatory disorder finding, Head and nec | 1 | 0 |
| 1 | 1 | Diagnosis | 17092 | Granulosa cell tumour (ovary) | Urogenital system finding, Reproductive system finding, Mass lesion/ | 1 | 1 |
| 1 | 1 | Diagnosis | 20525 | Granulosa cell tumour (testicle) | Urogenital system finding, Reproductive system finding, Mass lesion/ | 0 | 1 |
| 1 | 1 | Diagnosis | 22288 | Guttural pouch chondroids | Auditory system finding, Inflammatory disorder finding, Head and nec | 0 | 1 |
| 1 | 1 | Diagnosis | 20526 | Guttural pouch disorder (unspecified) | Auditory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20527 | Guttural pouch empyema | Auditory system finding, Inflammatory disorder finding, Head and nec | 0 | 1 |
| 1 | 1 | Diagnosis | 20528 | Guttural pouch mycosis | Auditory system finding, Infectious disorder finding, Head and neck f | 0 | 1 |
| 1 | 1 | Diagnosis | 20529 | Guttural pouch tympany | Auditory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 17095 | Haemangioma - bone | Musculoskeletal system finding, Cardiovascular system finding, Mass | 1 | 0 |
| 1 | 1 | Diagnosis | 17097 | Haemangioma - cutaneous (skin) | Haircoat/skin (+ appendages) finding, Cardiovascular system finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 17099 | Haemangioma - oropharyngeal | Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 911 | Haemangioma - splenic | Haematopoietic system finding, Cardiovascular system finding, Mass | 1 | 0 |
| 1 | 1 | Diagnosis | 16422 | Haemangioma (site unspecified) | Cardiovascular system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 912 | Haemangiopericytoma | Cardiovascular system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17101 | Haemangiosarcoma - bone | Musculoskeletal system finding, Cardiovascular system finding, Conr | 1 | 0 |
| 1 | 1 | Diagnosis | 17103 | Haemangiosarcoma - cardiac (heart) | Cardiovascular system finding, Connective tissue finding, Thoracic fi | 1 | 0 |
| 1 | 1 | Diagnosis | 20530 | Haemangiosarcoma - conjunctival | Cardiovascular system finding, Connective tissue finding, Mass lesio | 0 | 1 |
| 1 | 1 | Diagnosis | 915 | Haemangiosarcoma - cutaneous (skin) | Cardiovascular system finding, Connective tissue finding, Haircoat/sk | 1 | 0 |
| 1 | 1 | Diagnosis | 5843 | Haemangiosarcoma - hepatic (liver) | Cardiovascular system finding, Connective tissue finding, Hepatobili | 1 | 0 |
| 1 | 1 | Diagnosis | 17105 | Haemangiosarcoma - metastatic/disseminated | Cardiovascular system finding, Connective tissue finding, Mass lesio | 1 | 0 |
| 1 | 1 | Diagnosis | 17107 | Haemangiosarcoma - retroperitoneal | Cardiovascular system finding, Connective tissue finding, Abdominal | 1 | 0 |
| 1 | 1 | Diagnosis | 916 | Haemangiosarcoma - splenic | Cardiovascular system finding, Connective tissue finding, Haematop | 1 | 1 |
| 1 | 1 | Diagnosis | 17109 | Haemangiosarcoma - subcutaneous | Cardiovascular system finding, Connective tissue finding, Soft tissue | 1 | 0 |
| 1 | 1 | Diagnosis | 16424 | Haemangiosarcoma (site unspecified) | Cardiovascular system finding, Connective tissue finding, Mass lesio | 1 | 1 |
| 1 | 1 | Diagnosis | 8368 | Haematoma - other | Cardiovascular system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 917 | Haematuria | Urogenital system finding, Cardiovascular system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 918 | Haematuria - non-traumatic | Urogenital system finding, Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 919 | Haematuria - traumatic | Urogenital system finding, Cardiovascular system finding, Traumatic | 1 | 0 |
| 1 | 1 | Diagnosis | 920 | Haemopericardium | Cardiovascular system finding, Effusion finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 921 | Haemoperitoneum (haemobdome) | Cardiovascular system finding, Effusion finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 922 | Haemoperitoneum (haemobdome) - non-traumatic | Cardiovascular system finding, Effusion finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 923 | Haemoperitoneum (haemobdome) - traumatic | Cardiovascular system finding, Effusion finding, Traumatic episode fi | 1 | 0 |
| 1 | 1 | Diagnosis | 18052 | Haemophagocytic syndrome - idiopathic | Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 18053 | Haemophagocytic syndrome - underlying disease identified | Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 924 | Haemophilia | Haemostatic system finding, Hereditary disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20531 | Haemorrhagic gastroenteritis | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 0 | 1 |
| 1 | 1 | Diagnosis | 18050 | Haemorrhagic pneumonia - infectious agent unknown | Infectious disorder finding, Respiratory system finding, Thoracic findi | 1 | 0 |
| 1 | 1 | Diagnosis | 18042 | Haemorrhagic pneumonia (infectious agent unspecified) | Infectious disorder finding, Respiratory system finding, Thoracic findi | 1 | 0 |
| 1 | 1 | Diagnosis | 18046 | Haemorrhagic pneumonia due to E. coli | Infectious disorder finding, Respiratory system finding, Thoracic findi | 1 | 0 |
| 1 | 1 | Diagnosis | 18048 | Haemorrhagic pneumonia due to leptospirosis | Infectious disorder finding, Respiratory system finding, Thoracic findi | 1 | 0 |
| 1 | 1 | Diagnosis | 18044 | Haemorrhagic pneumonia due to S. equi subsp. zooepidemicus | Infectious disorder finding, Respiratory system finding, Thoracic findi | 1 | 0 |
| 1 | 1 | Diagnosis | 20532 | Haemospermia | Reproductive system finding, Cardiovascular system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 925 | Haemothorax | Cardiovascular system finding, Effusion finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21776 | Hair follicle cyst - sebaceous cyst | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21775 | Hair follicle cyst (unspecified) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 926 | Hair shaft abnormality | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17111 | Hamartoma | Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21700 | Haws syndrome (idiopathic bilateral third eyelid protrusion in cats) | Ophthalmology/vision finding, Soft tissue finding, Head and neck find | 1 | 0 |
| 1 | 1 | Diagnosis | 20533 | Headshaking | Nervous system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20534 | Headshaking - idiopathic | Nervous system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20535 | Headshaking - photic | Nervous system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 927 | Heart (cardiac) anomaly | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 929 | Heart (cardiac) anomaly, congenital - Atrial septal defect (ASD) | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 930 | Heart (cardiac) anomaly, congenital - Atrioventricular septal defect (A | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 931 | Heart (cardiac) anomaly, congenital - Cor triatriatum dexter | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 932 | Heart (cardiac) anomaly, congenital - Cor triatriatum sinister | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 934 | Heart (cardiac) anomaly, congenital - Double outlet right ventricle | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 933 | Heart (cardiac) anomaly, congenital - Double-chambered right ventricl | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 7386 | Heart (cardiac) anomaly, congenital - Patent/Persistence of Foramen C | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 935 | Heart (cardiac) anomaly, congenital - Tetralogy of Fallot | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 936 | Heart (cardiac) anomaly, congenital - Ventricular septal defect (VSD) | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19997 | Heart (cardiac) anomaly, congenital (unspecified) | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 3436 | Heart (cardiac) disease - acute | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4543 | Heart (cardiac) disease - chronic | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19999 | Heart (cardiac) disease (unspecified) | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 938 | Heart (cardiac) disease, congenital | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 939 | Heart (cardiac) failure | Cardiovascular system finding, Thoracic finding | 1 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|---|--------------|--------|
| 1 | 1 | Diagnosis | 940 | Heart (cardiac) failure - acute left-sided | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 941 | Heart (cardiac) failure - acute right-sided | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22080 | Heart (cardiac) murmur - continuous | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22081 | Heart (cardiac) murmur - diastolic | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 948 | Heart (cardiac) murmur - functional | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22085 | Heart (cardiac) murmur - functional, ejection | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 949 | Heart (cardiac) murmur - innocent | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22086 | Heart (cardiac) murmur - innocent, ejection | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22088 | Heart (cardiac) murmur - left and right-sided | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22091 | Heart (cardiac) murmur - left-sided | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22087 | Heart (cardiac) murmur - pathological | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22092 | Heart (cardiac) murmur - right-sided | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22093 | Heart (cardiac) murmur - systolic | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22082 | Heart (cardiac) murmur (unspecified) | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 950 | Heart (cardiac) valve anomaly, congenital | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 951 | Heart (cardiac) valve disorder | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 952 | Heat stroke | Body temperature finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22289 | Heel bulb (overreach) injury | Haircoat/skin (+ appendages) finding, Traumatic episode finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 953 | Helicobacter infection | Alimentary tract/Digestive system finding, Infectious disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 954 | Helicobacter-like organism infection | Alimentary tract/Digestive system finding, Infectious disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 955 | Hemeralopia (day blindness) | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 956 | Hepatic (liver) cirrhosis | Hepatobiliary system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 957 | Hepatic (liver) encephalopathy (HE) | Hepatobiliary system finding, Nervous system finding, Endocrine/metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 958 | Hepatic (liver) failure - acute | Hepatobiliary system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 959 | Hepatic (liver) failure - chronic | Hepatobiliary system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 960 | Hepatic (liver) lipodosis | Hepatobiliary system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 961 | Hepatic (liver) necrosis | Hepatobiliary system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 962 | Hepatic (liver) nodular hyperplasia | Hepatobiliary system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 963 | Hepatitis | Hepatobiliary system finding, Inflammatory disorder finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 964 | Hepatitis - acute | Hepatobiliary system finding, Inflammatory disorder finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 965 | Hepatitis - chronic | Hepatobiliary system finding, Inflammatory disorder finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19895 | Hepatitis, chronic active | Hepatobiliary system finding, Inflammatory disorder finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20536 | Hepatoblastoma | Hepatobiliary system finding, Mass lesion/swelling finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 9896 | Hepatocutaneous syndrome (Metabolic epidermal necrosis, Supf necr) | Endocrine/Metabolic finding, Haircoat/skin (+ appendages) finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 966 | Hepatoma | Hepatobiliary system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 967 | Hepatopathy (liver disorder) | Hepatobiliary system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 968 | Hepatotoxicity (liver toxicity) | Hepatobiliary system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 969 | Hereditary ataxia in Terriers | Nervous system finding, Musculoskeletal system finding, Hereditary disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20537 | Hereditary equine regional dermal asthenia (HERDA; hyperelastosis c | Haircoat/skin (+ appendages) finding, Hereditary disorder finding, Congenital finding | 0 | 1 |
| 1 | 1 | Diagnosis | 9575 | Hereditary metabolic disorder | Hereditary disorder finding, Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 972 | Hernia - abdominal | Musculoskeletal system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 973 | Hernia - diaphragmatic | Musculoskeletal system finding, Thoracic finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 974 | Hernia - diaphragmatic, congenital | Musculoskeletal system finding, Congenital finding, Thoracic finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 975 | Hernia - hiatal | Musculoskeletal system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 976 | Hernia - inguinal | Musculoskeletal system finding, Abdominal finding, Pelvic structure finding | 1 | 1 |
| 1 | 1 | Diagnosis | 977 | Hernia - perineal | Musculoskeletal system finding, Perineal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 978 | Hernia - peritoneopericardial | Musculoskeletal system finding, Cardiovascular system finding, Congenital finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20538 | Hernia - scrotal | Musculoskeletal system finding, Abdominal finding, Pelvic structure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 979 | Hernia - umbilical | Musculoskeletal system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20005 | Hernia (site unspecified) | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 980 | Hernia, acquired | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 981 | Hernia, congenital | Musculoskeletal system finding, Congenital finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20539 | Hernia, direct/false | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20540 | Hernia, incarcerated (irreducible) | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20541 | Hernia, indirect>true | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20542 | Hernia, reducible | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20543 | Hernia, strangulated | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 982 | Herpesvirus infection | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 983 | Hip dysplasia, developmental | Musculoskeletal system finding, Hereditary disorder finding, Developmental finding | 1 | 0 |
| 1 | 1 | Diagnosis | 984 | Hip dysplasia, developmental - bilateral | Musculoskeletal system finding, Hereditary disorder finding, Developmental finding | 1 | 0 |
| 1 | 1 | Diagnosis | 985 | Hip dysplasia, developmental - unilateral | Musculoskeletal system finding, Hereditary disorder finding, Developmental finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16791 | Histiocytic sarcoma - disseminated (malignant histiocytosis) | Haematopoietic system finding, Connective tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16792 | Histiocytic sarcoma - localised (focal) | Haematopoietic system finding, Connective tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16793 | Histiocytic sarcoma - localised, metastatic | Haematopoietic system finding, Connective tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16828 | Histiocytoma - canine cutaneous (skin) | Haematopoietic system finding, Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 988 | Histiocytosis - reactive histiocytosis, cutaneous (skin) | Haematopoietic system finding, Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 989 | Histiocytosis - reactive histiocytosis, systemic | Haematopoietic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20545 | Hoof injury - puncture wound | Haircoat/skin (+ appendages) finding, Traumatic episode finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20546 | Hoof injury - scalping injury | Haircoat/skin (+ appendages) finding, Traumatic episode finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20544 | Hoof injury (unspecified) | Haircoat/skin (+ appendages) finding, Traumatic episode finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20547 | Hoof keratoma | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20549 | Hoof wall disorder - cracks | Haircoat/skin (+ appendages) finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20550 | Hoof wall disorder - hollow or loose | Haircoat/skin (+ appendages) finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20548 | Hoof wall disorder (unspecified) | Haircoat/skin (+ appendages) finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 990 | Hookworm dermatitis | Infectious disorder finding, Haircoat/skin (+ appendages) finding, Inflammation finding | 1 | 0 |
| 1 | 1 | Diagnosis | 991 | Hornor's syndrome | Nervous system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20551 | Horsepox | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20552 | Hydrancephaly | Nervous system finding, Head and neck finding, Congenital finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20553 | Hydroallantois | Reproductive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 992 | Hydrocephalus | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 993 | Hydrocephalus - internal | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 994 | Hydrocephalus - post-traumatic | Nervous system finding, Traumatic episode finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20555 | Hydrocoele - tunica vaginalis | Effusion finding, Reproductive system finding, Urogenital system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20554 | Hydrocoele (site unspecified) | Effusion finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21678 | Hydrometra | Reproductive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 995 | Hydromyelia | Nervous system finding, Congenital finding | 1 | 0 |
| 1 | 1 | Diagnosis | 996 | Hydronephrosis | Urogenital system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20556 | Hydrops amnion | Reproductive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 997 | Hydrourter | Urogenital system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20557 | Hygroma - carpal | Musculoskeletal system finding, Limb finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20007 | Hygroma (site unspecified) | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 999 | Hymenoptera stings (bee, wasp) | Intoxication (poisoning)/toxin exposure finding, Wound finding, Traumatic episode finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21812 | Hyperadrenocorticism - adrenal-dependent ("Cushings ") | Endocrine/Metabolic finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 9605 | Hyperadrenocorticism - atypical (sex hormone overproduction) | Endocrine/Metabolic finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21813 | Hyperadrenocorticism - iatrogenic ("Cushings ") | Endocrine/Metabolic finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21814 | Hyperadrenocorticism - pituitary-dependent ("Cushings ") | Endocrine/Metabolic finding, Nervous system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21815 | Hyperadrenocorticism ("Cushings ") | Endocrine/Metabolic finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20558 | Hyperammonaemia of Morgans | Endocrine/Metabolic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1000 | Hyperandrogenism | Endocrine/Metabolic finding, Urogenital system finding, Reproductive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1002 | Hypercalcaemia | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1003 | Hypercalcaemia - idiopathic | Endocrine/Metabolic finding | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|---|--------------|--------|
| 1 | 1 | Diagnosis | 1004 | Hypercalcaemia of malignancy (paraneoplastic) | Endocrine/Metabolic finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1005 | Hypercalcaemic nephropathy | Endocrine/Metabolic finding, Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15591 | Hyperchloraemia | Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1006 | Hypercholesterolaemia | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1007 | Hypercoagulable state | Haemostatic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1011 | Hyperglycaemia | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1012 | Hyperinsulinism | Endocrine/Metabolic finding, Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1013 | Hyperkalaemia | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20559 | Hyperkalaemic periodic paralysis (HYPP) | Musculoskeletal system finding, Hereditary disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1014 | Hyperlipidaemia | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1015 | Hypermagnesaemia | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1016 | Hypernatraemia | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1017 | Hyperoestrogenism | Endocrine/Metabolic finding, Urogenital system finding, Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20009 | Hyperparathyroidism (unspecified) | Endocrine/Metabolic finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1019 | Hyperparathyroidism, primary | Endocrine/Metabolic finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1020 | Hyperparathyroidism, secondary - nutritional | Endocrine/Metabolic finding, Nutritional finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1021 | Hyperparathyroidism, secondary - renal | Endocrine/Metabolic finding, Urogenital system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1025 | Hypersensitivity (allergic) skin disorder - atopic dermatitis | Immune system finding, Haircoat/skin (+ appendages) finding, Hereditary disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1026 | Hypersensitivity (allergic) skin disorder - contact hypersensitivity | Immune system finding, Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1027 | Hypersensitivity (allergic) skin disorder - eosinophilic furunculosis of | Immune system finding, Haircoat/skin (+ appendages) finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1029 | Hypersensitivity (allergic) skin disorder - food hypersensitivity | Immune system finding, Haircoat/skin (+ appendages) finding, Adverse reaction finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1030 | Hypersensitivity (allergic) skin disorder - indolent ulcer | Immune system finding, Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1031 | Hypersensitivity (allergic) skin disorder - mast cell-rich papular dermatitis | Immune system finding, Haircoat/skin (+ appendages) finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1032 | Hypersensitivity (allergic) skin disorder - mosquito bite hypersensitivity | Immune system finding, Haircoat/skin (+ appendages) finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21790 | Hypersensitivity (allergic) skin disorder - seasonal | Immune system finding, Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1033 | Hypersensitivity (allergic) skin disorder - urticaria | Immune system finding, Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20011 | Hypersensitivity (allergic) skin disorder (unspecified) | Immune system finding, Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1022 | Hypersensitivity disorder (allergy) | Immune system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21825 | Hypersensitivity disorder (allergy) - plant-related (" Hay fever ") | Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21667 | Hypersexuality | Reproductive system finding, Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1034 | Hypertension - pulmonary | Respiratory system finding, Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1035 | Hypertension secondary to renal (kidney) disease | Cardiovascular system finding, Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1036 | Hypertensive disorder | Cardiovascular system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1037 | Hyperthyroidism | Endocrine/Metabolic finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22290 | Hypertriglyceridaemia | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1038 | Hypertrophic osteopathy (HOA) (Marie's disease) | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1039 | Hypertrophic osteosis of the calvarium | Musculoskeletal system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1040 | Hyperviscosity syndrome | Clinical finding | 1 | 0 |
| 1 | 1 | Diagnosis | 14379 | Hypervitaminosis - vitamin A | Nutritional finding | 1 | 1 |
| 1 | 1 | Diagnosis | 14373 | Hypervitaminosis - vitamin D | Nutritional finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22749 | Hypervitaminosis (unspecified) | Nutritional finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1041 | Hypoadrenocorticism (adrenocortical hypofunction) | Endocrine/Metabolic finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1042 | Hypoadrenocorticism (adrenocortical hypofunction) - iatrogenic | Endocrine/Metabolic finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1043 | Hypocalcaemia | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1044 | Hypocalcaemia - puerperal | Reproductive system finding, Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20560 | Hypocalcaemic tetany (mares)(Lactation tetany, Eclampsia) | Reproductive system finding, Endocrine/Metabolic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 15589 | Hypochloraemia | Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1045 | Hypoglycaemia | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20561 | Hypoglycaemia - neonatal | Endocrine/Metabolic finding, Neonatal problem/disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1046 | Hypokalaemia | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1047 | Hypomagnesaemia | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20562 | Hypomagnesaemic tetany | Endocrine/Metabolic finding, Nervous system finding, Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1048 | Hyponatraemia | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1049 | Hypoparathyroidism | Endocrine/Metabolic finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1050 | Hypoparathyroidism - post-surgical | Endocrine/Metabolic finding, Head and neck finding, Complication of surgery finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20563 | Hypophosphataemia | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1051 | Hypopituitarism | Endocrine/Metabolic finding, Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1052 | Hypothyroidism | Endocrine/Metabolic finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1053 | Hypovolaemic shock | Cardiovascular system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20566 | Hypoxic Ischaemic Encephalopathy (HIE) (Neonatal Maladjustment Syndrome) | Neonatal problem/disorder finding, Nervous system finding, Respiratory system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21800 | Iatrogenic disorder (unspecified) | Clinical finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1054 | Ichthyosis | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1055 | Idiopathic facial dermatitis | Haircoat/skin (+ appendages) finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16407 | Idiopathic head tremor (head bob) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1056 | Idiopathic lymphocytic mural folliculitis | Haircoat/skin (+ appendages) finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 7820 | Idiopathic renal haemorrhage | Urogenital system finding, Cardiovascular system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1057 | Idiopathic seborrhoea | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20567 | Ileal impaction | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22291 | Ileus (type unspecified) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22222 | Ileus, primary | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22223 | Ileus, secondary | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22224 | Ileus, secondary - postoperative | Alimentary tract/Digestive system finding, Abdominal finding, Complication of surgery finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22294 | Impaction - large colon | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22295 | Impaction - large colon, pelvic flexure | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22296 | Impaction - small colon | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21670 | Impetigo | Haircoat/skin (+ appendages) finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20568 | Impingement of dorsal spinous processes (Kissing spines) | Musculoskeletal system finding, Spine (vertebral column) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20569 | Impotence | Reproductive system finding, Urogenital system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21153 | Inappropriate urination (Problem behaviour) | Nervous system finding, Urogenital system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20570 | Incomplete ossification (site unspecified) | Musculoskeletal system finding, Developmental disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1060 | Incomplete ossification of the humeral condyle (IOHC) | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1061 | Infectious canine tracheobronchitis (Kennel Cough) | Respiratory system finding, Infectious disorder finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20571 | Infertility | Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20572 | Inflammatory airway disease (IAD) | Respiratory system finding, Thoracic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1063 | Inflammatory bowel disease (IBD) | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19755 | Inflammatory bowel disease (IBD)(CCECAI ≥12) | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19751 | Inflammatory bowel disease (IBD)(CCECAI 0-3) | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19752 | Inflammatory bowel disease (IBD)(CCECAI 4-5) | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19753 | Inflammatory bowel disease (IBD)(CCECAI 6-8) | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19754 | Inflammatory bowel disease (IBD)(CCECAI 9-11) | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19750 | Inflammatory bowel disease (IBD)(CCECAI unknown/unspecified) | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16920 | Infundibular keratinising acanthoma | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21672 | Ingrown nail(s)/claw(s) | Haircoat/skin (+ appendages) finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1064 | Insect bite(s) | Wound finding, Traumatic episode finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1065 | Insulin overdose | Complication of medical care finding, Drug-related disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22297 | Insulin resistance (IR) | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1066 | Insulinoma | Alimentary tract/Digestive system finding, Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1067 | Interdigital cyst (dogs) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2128 | Interdigital dermatitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1068 | Interdigital pyogranulomas | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4022 | Intermittent claudication | Cardiovascular system finding, Limb finding | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|--|--------------|--------|
| 1 | 1 | Diagnosis | 20573 | Intersex - female pseudohermaphrodite | Urogenital system finding, Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20574 | Intersex - male pseudohermaphrodite | Urogenital system finding, Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20015 | Intersex - true hermaphrodite | Urogenital system finding, Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20013 | Intersexuality (unspecified) | Urogenital system finding, Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 17112 | Interstitial (Leydig) cell testicular tumour | Urogenital system finding, Reproductive system finding, Endocrine/M | 1 | 1 |
| 1 | 1 | Diagnosis | 11761 | Interstitial nephritis | Urogenital system finding, Inflammatory disorder finding, Abdominal f | 1 | 0 |
| 1 | 1 | Diagnosis | 1073 | Intervertebral disc degeneration | Musculoskeletal system finding, Degenerative disorder finding, Spine | 1 | 0 |
| 1 | 1 | Diagnosis | 1074 | Intervertebral disc disorder | Musculoskeletal system finding, Spine (vertebral column) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1075 | Intervertebral disc extrusion/herniation/prolapse | Musculoskeletal system finding, Spine (vertebral column) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1076 | Intervertebral disc extrusion/herniation/prolapse - cervical | Musculoskeletal system finding, Spine (vertebral column) finding, Hea | 1 | 0 |
| 1 | 1 | Diagnosis | 1077 | Intervertebral disc extrusion/herniation/prolapse - lumbar | Musculoskeletal system finding, Spine (vertebral column) finding, Abd | 1 | 0 |
| 1 | 1 | Diagnosis | 1078 | Intervertebral disc extrusion/herniation/prolapse - Schmorl's node | Musculoskeletal system finding, Spine (vertebral column) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1079 | Intervertebral disc extrusion/herniation/prolapse - thoracic | Musculoskeletal system finding, Spine (vertebral column) finding, Tho | 1 | 0 |
| 1 | 1 | Diagnosis | 1080 | Intervertebral disc rupture | Musculoskeletal system finding, Spine (vertebral column) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1071 | Intervertebral discitis | Musculoskeletal system finding, Inflammatory disorder finding, Spine | 1 | 0 |
| 1 | 1 | Diagnosis | 1072 | Intervertebral discitis - infective | Musculoskeletal system finding, Inflammatory disorder finding, Infect | 1 | 0 |
| 1 | 1 | Diagnosis | 20575 | Intestinal atresia | Alimentary tract/Digestive system finding, Congenital finding, Abdomi | 0 | 1 |
| 1 | 1 | Diagnosis | 20577 | Intestinal displacement - left dorsal displacement/nephrosplenic entrap | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20578 | Intestinal displacement - right dorsal displacement | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20576 | Intestinal displacement (unspecified) | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20580 | Intestinal impaction - large intestine | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20581 | Intestinal impaction - small intestine | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20579 | Intestinal impaction (unspecified) | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20583 | Intestinal incarceration - small intestine | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20582 | Intestinal incarceration (unspecified) | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20585 | Intestinal infarction - large intestine | Alimentary tract/Digestive system finding, Cardiovascular system find | 0 | 1 |
| 1 | 1 | Diagnosis | 20586 | Intestinal infarction - non-strangulating | Alimentary tract/Digestive system finding, Cardiovascular system find | 0 | 1 |
| 1 | 1 | Diagnosis | 20587 | Intestinal infarction - small intestine | Alimentary tract/Digestive system finding, Cardiovascular system find | 0 | 1 |
| 1 | 1 | Diagnosis | 20584 | Intestinal infarction (unspecified) | Alimentary tract/Digestive system finding, Cardiovascular system find | 0 | 1 |
| 1 | 1 | Diagnosis | 1082 | Intestinal obstruction - large intestine | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1083 | Intestinal obstruction - small intestine | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20018 | Intestinal obstruction (unspecified) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1085 | Intestinal perforation - large intestine | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1086 | Intestinal perforation - small intestine | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20020 | Intestinal perforation (unspecified) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20589 | Intestinal rupture - large intestine | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20590 | Intestinal rupture - small intestine | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20588 | Intestinal rupture (unspecified) | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22299 | Intestinal strangulation - small intestine | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22300 | Intestinal strangulation (unspecified) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20592 | Intestinal torsion/volvulus - large intestine | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22301 | Intestinal torsion/volvulus - small colon | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20593 | Intestinal torsion/volvulus - small intestine | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20591 | Intestinal torsion/volvulus (unspecified) | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 6917 | Intestinal ulceration - large intestine | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 1 | 1 |
| 1 | 1 | Diagnosis | 1087 | Intestinal ulceration - small intestine | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 1 | 1 |
| 1 | 1 | Diagnosis | 20022 | Intestinal ulceration (unspecified) | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 1 | 1 |
| 1 | 1 | Diagnosis | 1090 | Intoxication (poisoning) - caustic agent | Intoxication (poisoning)/toxin exposure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1091 | Intoxication (poisoning) - detergent | Intoxication (poisoning)/toxin exposure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1092 | Intoxication (poisoning) - ethylene glycol | Intoxication (poisoning)/toxin exposure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1093 | Intoxication (poisoning) - insecticide | Intoxication (poisoning)/toxin exposure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4715 | Intoxication (poisoning) - metaldehyde | Intoxication (poisoning)/toxin exposure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20594 | Intoxication (poisoning) - mycotoxicosis | Intoxication (poisoning)/toxin exposure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20595 | Intoxication (poisoning) - nitrate/nitrite | Intoxication (poisoning)/toxin exposure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1094 | Intoxication (poisoning) - paraquat | Intoxication (poisoning)/toxin exposure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22203 | Intoxication (poisoning) - pyrrolizidine alkaloid (Ragwort) | Intoxication (poisoning)/toxin exposure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1096 | Intoxication (poisoning) - rodenticide | Intoxication (poisoning)/toxin exposure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20597 | Intoxication (poisoning) - selenium | Intoxication (poisoning)/toxin exposure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22302 | Intoxication (poisoning) - sycamore | Intoxication (poisoning)/toxin exposure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1097 | Intoxication (poisoning) - theobromine/chocolate | Intoxication (poisoning)/toxin exposure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 5769 | Intoxication (poisoning) - vitamin D | Intoxication (poisoning)/toxin exposure finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20598 | Intoxication (poisoning) - warfarin | Intoxication (poisoning)/toxin exposure finding, Drug-related disorder | 0 | 1 |
| 1 | 1 | Diagnosis | 15211 | Intoxication (poisoning)(unspecified) | Intoxication (poisoning)/toxin exposure finding | 1 | 1 |
| 1 | 1 | Diagnosis | 15203 | Intoxication (poisoning), drug - accidental non-therapeutic drug overdose | Intoxication (poisoning)/toxin exposure finding, Drug-related disorder | 1 | 1 |
| 1 | 1 | Diagnosis | 1099 | Intoxication (poisoning), drug - acetaminophen (paracetamol) | Intoxication (poisoning)/toxin exposure finding, Drug-related disorder | 1 | 0 |
| 1 | 1 | Diagnosis | 20600 | Intoxication (poisoning), drug - aminoglycoside | Intoxication (poisoning)/toxin exposure finding, Drug-related disorder | 0 | 1 |
| 1 | 1 | Diagnosis | 15192 | Intoxication (poisoning), drug - anti-parasitic preparation | Intoxication (poisoning)/toxin exposure finding, Drug-related disorder | 1 | 0 |
| 1 | 1 | Diagnosis | 15193 | Intoxication (poisoning), drug - digoxin | Intoxication (poisoning)/toxin exposure finding, Drug-related disorder | 1 | 0 |
| 1 | 1 | Diagnosis | 15194 | Intoxication (poisoning), drug - non-steroidal anti-inflammatory drug (NSAID) | Intoxication (poisoning)/toxin exposure finding, Drug-related disorder | 1 | 1 |
| 1 | 1 | Diagnosis | 15197 | Intoxication (poisoning), drug - NSAID - carprofen | Intoxication (poisoning)/toxin exposure finding, Drug-related disorder | 1 | 0 |
| 1 | 1 | Diagnosis | 15199 | Intoxication (poisoning), drug - NSAID - ibuprofen | Intoxication (poisoning)/toxin exposure finding, Drug-related disorder | 1 | 0 |
| 1 | 1 | Diagnosis | 15200 | Intoxication (poisoning), drug - NSAID - meloxicam | Intoxication (poisoning)/toxin exposure finding, Drug-related disorder | 1 | 0 |
| 1 | 1 | Diagnosis | 1102 | Intoxication (poisoning), drug - phenobarbital | Intoxication (poisoning)/toxin exposure finding, Drug-related disorder | 1 | 0 |
| 1 | 1 | Diagnosis | 15202 | Intoxication (poisoning), drug - accidental therapeutic drug overdose | Intoxication (poisoning)/toxin exposure finding, Drug-related disorder | 1 | 1 |
| 1 | 1 | Diagnosis | 15207 | Intoxication (poisoning), drug - non-accidental drug overdose | Intoxication (poisoning)/toxin exposure finding, Drug-related disorder | 1 | 1 |
| 1 | 1 | Diagnosis | 15190 | Intoxication (poisoning), drug (unspecified) | Intoxication (poisoning)/toxin exposure finding, Drug-related disorder | 1 | 1 |
| 1 | 1 | Diagnosis | 15223 | Intoxication (poisoning), heavy metal - lead | Intoxication (poisoning)/toxin exposure finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20599 | Intoxication (poisoning), heavy metal - lead, chronic | Intoxication (poisoning)/toxin exposure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 15225 | Intoxication (poisoning), heavy metal - zinc | Intoxication (poisoning)/toxin exposure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15220 | Intoxication (poisoning), heavy metal (unspecified) | Intoxication (poisoning)/toxin exposure finding | 1 | 1 |
| 1 | 1 | Diagnosis | 15216 | Intoxication (poisoning), plant - Allium genus - onion | Intoxication (poisoning)/toxin exposure finding | 1 | 1 |
| 1 | 1 | Diagnosis | 15213 | Intoxication (poisoning), plant - Allium genus (unspecified) | Intoxication (poisoning)/toxin exposure finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20601 | Intoxication (poisoning), plant - Brassica species | Intoxication (poisoning)/toxin exposure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20602 | Intoxication (poisoning), plant - fescue grass | Intoxication (poisoning)/toxin exposure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 15218 | Intoxication (poisoning), plant - grape/raisin | Intoxication (poisoning)/toxin exposure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15219 | Intoxication (poisoning), plant - lily | Intoxication (poisoning)/toxin exposure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20603 | Intoxication (poisoning), plant - red maple leaf | Intoxication (poisoning)/toxin exposure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20604 | Intoxication (poisoning), plant - sweet clover | Intoxication (poisoning)/toxin exposure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 15209 | Intoxication (poisoning), plant (unspecified) | Intoxication (poisoning)/toxin exposure finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20605 | Intracarotid injection | Complication of medical care finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19887 | Intussusception, duodenogastric/pylorogastric | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1103 | Intussusception, gastroesophageal | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1105 | Intussusception, intestinal - ileocaecal | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1106 | Intussusception, intestinal - ileocolic | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1107 | Intussusception, intestinal - large intestine | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1108 | Intussusception, intestinal - small intestine | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20016 | Intussusception, intestinal (unspecified) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20606 | Iodine deficiency | Nutritional finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19828 | Iris atrophy | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 11769 | IRIS azotaemia Stage I (<125 µmol/L dogs, <140 µmol/L cats) | Urogenital system finding, Endocrine/metabolic finding, Abdominal fin | 1 | 0 |
| 1 | 1 | Diagnosis | 11771 | IRIS azotaemia Stage II (125-180 µmol/L dogs, 140-250 µmol/L cats) | Urogenital system finding, Endocrine/metabolic finding, Abdominal fin | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|--|--------------|--------|
| 1 | 1 | Diagnosis | 11773 | IRIS azotaemia Stage III (180-400 µmol/L dogs, 250-440 µmol/L cats) | Urogenital system finding, Endocrine/metabolic finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11775 | IRIS azotaemia Stage IV (>440 µmol/L dogs & cats) | Urogenital system finding, Endocrine/metabolic finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11793 | IRIS blood pressure – end organ damage (cardiac) – hypertension | Urogenital system finding, Cardiovascular system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11791 | IRIS blood pressure – end organ damage (ocular) – hypertension | Urogenital system finding, Cardiovascular system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11795 | IRIS blood pressure – end organ damage (other) – hypertension | Urogenital system finding, Cardiovascular system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11785 | IRIS blood pressure – Low Risk (SBP 150-159, DBP 95-99 mmHg) | Urogenital system finding, Cardiovascular system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11783 | IRIS blood pressure – Minimal Risk (SBP <150, DBP <95 mmHg) | Urogenital system finding, Cardiovascular system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11787 | IRIS blood pressure – Moderate Risk (SBP 160-179, DBP 100-119 mmHg) | Urogenital system finding, Cardiovascular system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11789 | IRIS blood pressure – Severe Risk (SBP >180, DBP >120 mmHg) | Urogenital system finding, Cardiovascular system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11779 | IRIS borderline proteinuric (0.2-0.5 dogs, 0.2-0.4 cats) | Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1109 | Iris cyst | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 11777 | IRIS non-proteinuric (<0.2 dogs & cats) | Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21676 | Iris pigmentation | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1110 | Iris prolapse | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 11781 | IRIS proteinuric (>0.5 dogs, >0.4 cats) | Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2129 | Iritis | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20607 | Iron deficiency | Nutritional finding | 0 | 1 |
| 1 | 1 | Diagnosis | 16410 | Ischaemic dermatopathy syndrome - dermatomyositis | Haircoat/skin (+ appendages) finding, Immune system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15827 | Ischaemic dermatopathy syndrome (type unspecified) | Haircoat/skin (+ appendages) finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20608 | Ischaemic optic neuropathy | Ophthalmology/vision finding, Nervous system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21916 | Isorhythmic atrioventricular dissociation (IAVD) | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19896 | Joint distension (site unspecified) | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20610 | Joint distension, marked: DIP joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20611 | Joint distension, marked: MCP joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20612 | Joint distension, marked: MTP joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20609 | Joint distension, marked: PIP joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20613 | Joint effusion - distal interphalangeal joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20614 | Joint effusion - metacarpophalangeal joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20615 | Joint effusion - metatarsophalangeal joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20616 | Joint effusion - stifle | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20617 | Joint effusion - tarsocrural joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19898 | Joint effusion (site unspecified) | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20618 | Joint instability - atlantoaxial | Musculoskeletal system finding, Spine (vertebral column) finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1139 | Joint instability - carpal | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1140 | Joint instability - hock | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1141 | Joint instability - sacroiliac | Musculoskeletal system finding, Spine (vertebral column) finding, Pelvic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1142 | Joint instability - shoulder | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20024 | Joint instability (unspecified) | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1113 | Joint luxation - carpus | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1114 | Joint luxation - elbow | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1115 | Joint luxation - hip | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1116 | Joint luxation - hock | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20619 | Joint luxation - metacarpophalangeal joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20620 | Joint luxation - metatarsophalangeal joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20621 | Joint luxation - proximal interphalangeal joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1117 | Joint luxation - sacroiliac | Musculoskeletal system finding, Spine (vertebral column) finding, Pelvic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1118 | Joint luxation - shoulder | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1119 | Joint luxation - tarsometatarsal | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20622 | Joint luxation - tarsus | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1120 | Joint luxation - temporomandibular (TMJ) | Musculoskeletal system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20028 | Joint luxation - vertebral (unspecified) | Musculoskeletal system finding, Spine (vertebral column) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20624 | Joint luxation - vertebral, Atlantoaxial | Musculoskeletal system finding, Spine (vertebral column) finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20623 | Joint luxation - vertebral, cervical (unspecified) | Musculoskeletal system finding, Spine (vertebral column) finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1122 | Joint luxation - vertebral, sacrococcygeal | Musculoskeletal system finding, Spine (vertebral column) finding, Tail finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20026 | Joint luxation (unspecified) | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1123 | Joint luxation, acquired | Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1124 | Joint luxation, congenital | Musculoskeletal system finding, Congenital finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1126 | Joint subluxation - carpus | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1127 | Joint subluxation - elbow | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1128 | Joint subluxation - hip | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1129 | Joint subluxation - hock | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20625 | Joint subluxation - proximal interphalangeal joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20626 | Joint subluxation - proximal interphalangeal joint, dorsal | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20627 | Joint subluxation - proximal interphalangeal joint, palmar | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20628 | Joint subluxation - proximal interphalangeal joint, plantar | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1130 | Joint subluxation - sacroiliac | Musculoskeletal system finding, Spine (vertebral column) finding, Pelvic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1131 | Joint subluxation - shoulder | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1132 | Joint subluxation - temporomandibular (TMJ) | Musculoskeletal system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20032 | Joint subluxation - vertebral (unspecified) | Musculoskeletal system finding, Spine (vertebral column) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20629 | Joint subluxation - vertebral, cervical (unspecified) | Musculoskeletal system finding, Spine (vertebral column) finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20030 | Joint subluxation (unspecified) | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1136 | Joint subluxation, acquired | Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1137 | Joint subluxation, congenital | Musculoskeletal system finding, Congenital finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1134 | Joint subluxation, vertebral - Atlantoaxial subluxation | Musculoskeletal system finding, Spine (vertebral column) finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1135 | Joint subluxation, vertebral - Atlanto-occipital subluxation | Musculoskeletal system finding, Spine (vertebral column) finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15553 | Junctionopathy (unspecified) | Nervous system finding, Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1143 | Juvenile cellulitis/pyoderma | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1145 | Keratitis - chronic superficial (pannus) | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1146 | Keratitis - eosinophilic | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20630 | Keratitis - infectious, fungal (mycotic) | TBC | 0 | 1 |
| 1 | 1 | Diagnosis | 1147 | Keratitis - infectious | Ophthalmology/vision finding, Inflammatory disorder finding, Infectious finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1148 | Keratitis - superficial | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1149 | Keratitis - traumatic | Ophthalmology/vision finding, Inflammatory disorder finding, Traumatic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20034 | Keratitis (unspecified) | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22303 | Keratoconjunctivitis (type unspecified) | Ophthalmology/vision finding, Inflammatory disorder finding, Soft tissue finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1150 | Keratoconjunctivitis sicca (KCS, Dry Eye) | Ophthalmology/vision finding, Inflammatory disorder finding, Immune finding | 1 | 1 |
| 1 | 1 | Diagnosis | 9573 | L-2-Hydroxyglutaric aciduria (L-2-HGA) | Endocrine/metabolic finding, Nervous system finding, Hereditary disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21760 | Lacrimal cyst (dacryops) | Ophthalmology/vision finding, Head and neck finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20631 | Laminitis (unspecified) | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20632 | Laminitis, acute | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20633 | Laminitis, chronic | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20634 | Large colon enterolithiasis | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20636 | Large colon gastrosplenic ligament incarceration | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20637 | Large colon malformation, congenital | Alimentary tract/Digestive system finding, Abdominal finding, Congenital finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20638 | Large colon sand impaction | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20639 | Large colon torsion | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20640 | Large colon tympany | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1151 | Laryngeal collapse | Respiratory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1152 | Laryngeal obstruction | Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1153 | Laryngeal paralysis | Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1154 | Laryngeal paralysis - hemiplegia | Respiratory system finding, Head and neck finding | 1 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|---|--------------|--------|
| 1 | 1 | Diagnosis | 20643 | Laryngeal paralysis due to recurrent laryngeal neuropathy | Respiratory system finding, Nervous system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20641 | Laryngeal paralysis, acquired | Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20642 | Laryngeal paralysis, idiopathic | Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1155 | Laryngeal paresis | Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20644 | Laryngeal scarification | Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20645 | Laryngeal scarification - post-operative | Respiratory system finding, Head and neck finding, Complication of n | 0 | 1 |
| 1 | 1 | Diagnosis | 1156 | Laryngitis | Respiratory system finding, Inflammatory disorder finding, Head and n | 1 | 1 |
| 1 | 1 | Diagnosis | 1157 | Laryngitis - infectious | Respiratory system finding, Inflammatory disorder finding, Infectious | 1 | 0 |
| 1 | 1 | Diagnosis | 20646 | Lathyrism | Intoxication (poisoning)/toxin exposure finding, Nervous system findi | 0 | 1 |
| 1 | 1 | Diagnosis | 20647 | Lavender foal syndrome (LFS)(Coat Colour Dilution Lethal, CCDL) | Hereditary disorder finding, Neonatal problem/disorder finding, Nervou | 0 | 1 |
| 1 | 1 | Diagnosis | 17118 | Leiomyoma - large intestine (site unspecified) | Musculoskeletal system finding, Alimentary tract/Digestive system fir | 1 | 1 |
| 1 | 1 | Diagnosis | 17120 | Leiomyoma - oesophageal/gastric (stomach) junction | Musculoskeletal system finding, Alimentary tract/Digestive system fir | 1 | 0 |
| 1 | 1 | Diagnosis | 17124 | Leiomyoma - oesophagus | Musculoskeletal system finding, Alimentary tract/Digestive system fir | 1 | 0 |
| 1 | 1 | Diagnosis | 17126 | Leiomyoma - rectum | Musculoskeletal system finding, Alimentary tract/Digestive system fir | 1 | 0 |
| 1 | 1 | Diagnosis | 17128 | Leiomyoma - small intestine | Musculoskeletal system finding, Alimentary tract/Digestive system fir | 1 | 1 |
| 1 | 1 | Diagnosis | 17125 | Leiomyoma - stomach (gastric) | Musculoskeletal system finding, Alimentary tract/Digestive system fir | 1 | 0 |
| 1 | 1 | Diagnosis | 17130 | Leiomyoma - trachea | Musculoskeletal system finding, Respiratory system finding, Mass lesi | 1 | 0 |
| 1 | 1 | Diagnosis | 17132 | Leiomyoma - urinary bladder | Musculoskeletal system finding, Urogenital system finding, Mass lesi | 1 | 1 |
| 1 | 1 | Diagnosis | 17134 | Leiomyoma - uterus | Musculoskeletal system finding, Reproductive system finding, Mass f | 1 | 1 |
| 1 | 1 | Diagnosis | 17136 | Leiomyoma - vagina | Musculoskeletal system finding, Urogenital system finding, Reproduc | 1 | 0 |
| 1 | 1 | Diagnosis | 16426 | Leiomyoma (site unspecified) | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 17142 | Leiomyosarcoma - ileocaecal junction | Musculoskeletal system finding, Connective tissue finding, Alimenta | 1 | 0 |
| 1 | 1 | Diagnosis | 17145 | Leiomyosarcoma - large intestine (site unspecified) | Musculoskeletal system finding, Connective tissue finding, Alimenta | 1 | 1 |
| 1 | 1 | Diagnosis | 17147 | Leiomyosarcoma - rectum | Musculoskeletal system finding, Connective tissue finding, Alimenta | 1 | 1 |
| 1 | 1 | Diagnosis | 17149 | Leiomyosarcoma - small intestine | Musculoskeletal system finding, Connective tissue finding, Alimenta | 1 | 1 |
| 1 | 1 | Diagnosis | 17150 | Leiomyosarcoma - stomach (gastric) | Musculoskeletal system finding, Connective tissue finding, Alimenta | 1 | 0 |
| 1 | 1 | Diagnosis | 17152 | Leiomyosarcoma - trachea | Musculoskeletal system finding, Connective tissue finding, Respirato | 1 | 0 |
| 1 | 1 | Diagnosis | 17154 | Leiomyosarcoma - urinary bladder | Musculoskeletal system finding, Connective tissue finding, Urogenita | 1 | 1 |
| 1 | 1 | Diagnosis | 17156 | Leiomyosarcoma - uterus | Musculoskeletal system finding, Connective tissue finding, Reproduc | 1 | 1 |
| 1 | 1 | Diagnosis | 17158 | Leiomyosarcoma - vagina | Musculoskeletal system finding, Connective tissue finding, Urogenita | 1 | 0 |
| 1 | 1 | Diagnosis | 16428 | Leiomyosarcoma (site unspecified) | Musculoskeletal system finding, Connective tissue finding, Mass lesi | 1 | 1 |
| 1 | 1 | Diagnosis | 18743 | Lens "coloboma" (zonular anomaly) - Atypical | Ophthalmology/vision finding, Congenital finding, Head and neck findi | 1 | 0 |
| 1 | 1 | Diagnosis | 18744 | Lens "coloboma" (zonular anomaly) - Typical | Ophthalmology/vision finding, Congenital finding, Head and neck findi | 1 | 0 |
| 1 | 1 | Diagnosis | 1160 | Lens injury | Ophthalmology/vision finding, Traumatic episode finding, Head and ne | 1 | 1 |
| 1 | 1 | Diagnosis | 1162 | Lens luxation - anterior | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1163 | Lens luxation - posterior | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20036 | Lens luxation (unspecified) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19901 | Lens rupture | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1164 | Lens subluxation | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1165 | Leptospirosis | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1166 | Leptospirosis, canine | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1167 | Lethal acrodermatitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, E | 1 | 0 |
| 1 | 1 | Diagnosis | 17160 | Leukaemia - Acute erythroid | Immune system finding, Haematopoietic system finding, Mass lesion/ | 1 | 0 |
| 1 | 1 | Diagnosis | 16829 | Leukaemia - Acute leukaemia, No origin specified (NOS) | Immune system finding, Haematopoietic system finding, Mass lesion/ | 1 | 0 |
| 1 | 1 | Diagnosis | 1170 | Leukaemia - Acute lymphoblastic leukaemia | Immune system finding, Haematopoietic system finding, Mass lesion/ | 1 | 0 |
| 1 | 1 | Diagnosis | 16831 | Leukaemia - Acute myeloid leukaemia (subtype unspecified) | Immune system finding, Haematopoietic system finding, Mass lesion/ | 1 | 0 |
| 1 | 1 | Diagnosis | 16833 | Leukaemia - Acute myeloid leukaemia, monocytic | Immune system finding, Haematopoietic system finding, Mass lesion/ | 1 | 0 |
| 1 | 1 | Diagnosis | 16834 | Leukaemia - Acute myeloid leukaemia, myelomonocytic | Immune system finding, Haematopoietic system finding, Mass lesion/ | 1 | 0 |
| 1 | 1 | Diagnosis | 17162 | Leukaemia - basophilic | Immune system finding, Haematopoietic system finding, Mass lesion/ | 1 | 0 |
| 1 | 1 | Diagnosis | 16838 | Leukaemia - Chronic leukaemia, No origin specified (NOS) | Immune system finding, Haematopoietic system finding, Mass lesion/ | 1 | 0 |
| 1 | 1 | Diagnosis | 1173 | Leukaemia - Chronic lymphoid leukaemia | Immune system finding, Haematopoietic system finding, Mass lesion/ | 1 | 0 |
| 1 | 1 | Diagnosis | 1174 | Leukaemia - Chronic myeloid leukaemia | Immune system finding, Haematopoietic system finding, Mass lesion/ | 1 | 0 |
| 1 | 1 | Diagnosis | 17164 | Leukaemia - eosinophilic | Immune system finding, Haematopoietic system finding, Mass lesion/ | 1 | 0 |
| 1 | 1 | Diagnosis | 17166 | Leukaemia - Essential thrombocytosis | Immune system finding, Haematopoietic system finding, Haemostatic | 1 | 0 |
| 1 | 1 | Diagnosis | 16839 | Leukaemia - Polycythaemia rubra vera (Primary polycythaemia) | Immune system finding, Haematopoietic system finding, Mass lesion/ | 1 | 1 |
| 1 | 1 | Diagnosis | 16430 | Leukaemia (type unspecified) | Immune system finding, Haematopoietic system finding, Mass lesion/ | 1 | 1 |
| 1 | 1 | Diagnosis | 20648 | Leukotrichia | Haircoat/skin (+ appendages) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1175 | Lichenoid dermatosis | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20649 | Ligament injury - lateral collateral ligament of stifle | Musculoskeletal system finding, Connective tissue finding, Limb findi | 0 | 1 |
| 1 | 1 | Diagnosis | 20650 | Ligament injury - medial collateral ligament of stifle | Musculoskeletal system finding, Connective tissue finding, Limb findi | 0 | 1 |
| 1 | 1 | Diagnosis | 20651 | Ligament injury - medial palmar intercarpal ligament (MPICL) | Musculoskeletal system finding, Connective tissue finding, Limb findi | 0 | 1 |
| 1 | 1 | Diagnosis | 20652 | Ligament injury - patella ligament | Musculoskeletal system finding, Connective tissue finding, Limb findi | 0 | 1 |
| 1 | 1 | Diagnosis | 21838 | Ligament injury ("Sprain") (unspecified) | Musculoskeletal system finding, Connective tissue finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20040 | Ligament instability (unspecified) | Musculoskeletal system finding, Connective tissue finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22304 | Ligament rupture - suspensory | Musculoskeletal system finding, Connective tissue finding, Limb findi | 0 | 1 |
| 1 | 1 | Diagnosis | 20042 | Ligament rupture (unspecified) | Musculoskeletal system finding, Connective tissue finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19831 | Limb deformity (unspecified) | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1179 | Limb deformity, acquired | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1180 | Limb deformity, congenital | Musculoskeletal system finding, Congenital finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20653 | Limb deformity, developmental - distal physis of metacarpal III | Musculoskeletal system finding, Developmental disorder finding, Limb | 0 | 1 |
| 1 | 1 | Diagnosis | 20654 | Limb deformity, developmental - distal physis of metatarsal III | Musculoskeletal system finding, Developmental disorder finding, Limb | 0 | 1 |
| 1 | 1 | Diagnosis | 20657 | Linear keratosis | Haircoat/skin (+ appendages) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20658 | Lip disorder | Alimentary tract/Digestive system finding, Soft tissue finding, Head a | 0 | 1 |
| 1 | 1 | Diagnosis | 20659 | Lip trauma | Alimentary tract/Digestive system finding, Soft tissue finding, Trauma | 0 | 1 |
| 1 | 1 | Diagnosis | 17168 | Lipoma - abdominal wall | Soft tissue finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17179 | Lipoma - infiltrative | Soft tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17181 | Lipoma - intermuscular | Soft tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20660 | Lipoma - intestinal, non-strangulating | Soft tissue finding, Mass lesion/swelling finding, Alimentary tract/Dige | 0 | 1 |
| 1 | 1 | Diagnosis | 20661 | Lipoma - intestinal, strangulating/pedunculated | Soft tissue finding, Mass lesion/swelling finding, Alimentary tract/Dige | 0 | 1 |
| 1 | 1 | Diagnosis | 17175 | Lipoma - limb, upper | Soft tissue finding, Mass lesion/swelling finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17177 | Lipoma - thoracic (chest) wall | Soft tissue finding, Mass lesion/swelling finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16433 | Lipoma (site unspecified) | Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16434 | Lipoma (type unspecified) | Soft tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1187 | Liposarcoma | Soft tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1188 | Listeriosis | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1189 | Lower motor neuron disease | Nervous system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1190 | Lung (pulmonary) disorder | Respiratory system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1191 | Lung lobe torsion | Respiratory system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 17183 | Luteoma | Urogenital system finding, Reproductive system finding, Mass lesion/ | 1 | 0 |
| 1 | 1 | Diagnosis | 1192 | Lyme disease (Borrelia burgdorferi) | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1193 | Lymphadenitis | Haematopoietic system finding, Immune system finding, Inflammatory | 1 | 1 |
| 1 | 1 | Diagnosis | 16918 | Lymphadenopathy, generalised - aetiology unknown | Lymphatic system finding, Haematopoietic system finding, Immune s | 1 | 1 |
| 1 | 1 | Diagnosis | 21805 | Lymphadenopathy, generalised - reactive hyperplasia | Lymphatic system finding, Haematopoietic system finding, Immune s | 1 | 1 |
| 1 | 1 | Diagnosis | 16919 | Lymphadenopathy, localised - aetiology unknown | Lymphatic system finding, Haematopoietic system finding, Immune s | 1 | 1 |
| 1 | 1 | Diagnosis | 21806 | Lymphadenopathy, localised - reactive hyperplasia | Lymphatic system finding, Haematopoietic system finding, Immune s | 1 | 1 |
| 1 | 1 | Diagnosis | 1200 | Lymphangiectasia | Lymphatic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1201 | Lymphangioma | Lymphatic system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1202 | Lymphangiosarcoma | Lymphatic system finding, Connective tissue finding, Mass lesion/sw | 1 | 0 |
| 1 | 1 | Diagnosis | 22308 | Lymphangitis - sporadic/idiopathic | Lymphatic system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22307 | Lymphangitis (type unspecified) | Lymphatic system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1203 | Lymphoedema | Lymphatic system finding | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|--|---|--------------|--------|
| 1 | 1 | Diagnosis | 17194 | Lymphoma - bone | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 0 |
| 1 | 1 | Diagnosis | 17196 | Lymphoma - cardiac (heart) | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 0 |
| 1 | 1 | Diagnosis | 1206 | Lymphoma - central nervous system (CNS) | Nervous system finding, Haematopoetic system finding, Immune syst | 1 | 0 |
| 1 | 1 | Diagnosis | 20663 | Lymphoma - conjunctival | Ophthalmology/vision finding, Haematopoetic system finding, Immune | 0 | 1 |
| 1 | 1 | Diagnosis | 17198 | Lymphoma - cranial mediastinal/thymic | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 1 |
| 1 | 1 | Diagnosis | 16910 | Lymphoma - cutaneous (skin), primary | Haircoat/skin (+ appendages) finding, Haematopoetic system finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 16911 | Lymphoma - cutaneous (skin), primary - epitheliotropic | Haircoat/skin (+ appendages) finding, Haematopoetic system finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 16913 | Lymphoma - cutaneous (skin), secondary - B-cell | Haircoat/skin (+ appendages) finding, Haematopoetic system finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 16915 | Lymphoma - cutaneous (skin), secondary - immunophenotype unknown | Haircoat/skin (+ appendages) finding, Haematopoetic system finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 16909 | Lymphoma - cutaneous (skin), secondary - T-cell | Haircoat/skin (+ appendages) finding, Haematopoetic system finding, | 1 | 0 |
| 1 | 1 | Diagnosis | 1208 | Lymphoma - gastric (stomach) | Alimentary tract/Digestive system finding, Haematopoetic system find | 1 | 0 |
| 1 | 1 | Diagnosis | 17200 | Lymphoma - hepatic (liver) | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 0 |
| 1 | 1 | Diagnosis | 1209 | Lymphoma - intestinal | Alimentary tract/Digestive system finding, Haematopoetic system find | 1 | 1 |
| 1 | 1 | Diagnosis | 17202 | Lymphoma - larynx | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 0 |
| 1 | 1 | Diagnosis | 1210 | Lymphoma - lymph node(s) | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 0 |
| 1 | 1 | Diagnosis | 20664 | Lymphoma - multicentric | Haematopoetic system finding, Immune system finding, Lymphatic sy | 0 | 1 |
| 1 | 1 | Diagnosis | 17188 | Lymphoma - multicentric - B-cell | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 0 |
| 1 | 1 | Diagnosis | 17190 | Lymphoma - multicentric - immunophenotype unknown | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 0 |
| 1 | 1 | Diagnosis | 16899 | Lymphoma - multicentric - stage I | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 0 |
| 1 | 1 | Diagnosis | 16900 | Lymphoma - multicentric - stage II | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 0 |
| 1 | 1 | Diagnosis | 16901 | Lymphoma - multicentric - stage III | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 0 |
| 1 | 1 | Diagnosis | 16902 | Lymphoma - multicentric - stage IV | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 0 |
| 1 | 1 | Diagnosis | 16903 | Lymphoma - multicentric - stage V | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 0 |
| 1 | 1 | Diagnosis | 17189 | Lymphoma - multicentric - T-cell | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 0 |
| 1 | 1 | Diagnosis | 17185 | Lymphoma - multicentric (stage unspecified) | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 0 |
| 1 | 1 | Diagnosis | 21907 | Lymphoma - nasal (nose) | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 1 |
| 1 | 1 | Diagnosis | 21909 | Lymphoma - nasal (nose) and renal (kidney) | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 1 |
| 1 | 1 | Diagnosis | 20665 | Lymphoma - nasopharyngeal | Haematopoetic system finding, Immune system finding, Lymphatic sy | 0 | 1 |
| 1 | 1 | Diagnosis | 1211 | Lymphoma - ocular (eye) | Ophthalmology/vision finding, Haematopoetic system finding, Immune | 1 | 0 |
| 1 | 1 | Diagnosis | 20666 | Lymphoma - oral (mouth) | Haematopoetic system finding, Immune system finding, Lymphatic sy | 0 | 1 |
| 1 | 1 | Diagnosis | 1212 | Lymphoma - orbital | Ophthalmology/vision finding, Haematopoetic system finding, Immune | 1 | 0 |
| 1 | 1 | Diagnosis | 20667 | Lymphoma - ovarian | Haematopoetic system finding, Immune system finding, Lymphatic sy | 0 | 1 |
| 1 | 1 | Diagnosis | 17204 | Lymphoma - rectum | Alimentary tract/Digestive system finding, Haematopoetic system find | 1 | 0 |
| 1 | 1 | Diagnosis | 1213 | Lymphoma - renal (kidney) | Urogenital system finding, Haematopoetic system finding, Immune sy | 1 | 0 |
| 1 | 1 | Diagnosis | 1214 | Lymphoma - splenic | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 1 |
| 1 | 1 | Diagnosis | 17206 | Lymphoma (site unspecified) | Haematopoetic system finding, Immune system finding, Lymphatic sy | 1 | 1 |
| 1 | 1 | Diagnosis | 1221 | Lysosomal enzyme disorder | Endocrine/metabolic finding, Hereditary disorder finding, Congenital fi | 1 | 0 |
| 1 | 1 | Diagnosis | 1222 | Macroblepharon/macropalpebral fissure | Ophthalmology/vision finding, Congenital finding, Head and neck findi | 1 | 0 |
| 1 | 1 | Diagnosis | 1223 | Malabsorption, intestinal | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1224 | Malassezia dermatitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 1 | 0 |
| 1 | 1 | Diagnosis | 1225 | Malignant hyperthermia | Body temperature finding, Musculoskeletal system finding, Hereditary | 1 | 1 |
| 1 | 1 | Diagnosis | 20668 | Malnutrition | Nutritional finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19798 | Mandibular brachygnathism | Musculoskeletal system finding, Head and neck finding, Congenital fi | 1 | 1 |
| 1 | 1 | Diagnosis | 19800 | Mandibular prognathism | Musculoskeletal system finding, Head and neck finding, Congenital fi | 1 | 1 |
| 1 | 1 | Diagnosis | 20669 | Mare (healthy) accompanying foal | Clinical finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1227 | Mass lesion - abdominal | Abdominal finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1228 | Mass lesion - adrenal | Endocrine/Metabolic finding, Abdominal finding, Mass lesion/swelling | 1 | 0 |
| 1 | 1 | Diagnosis | 1229 | Mass lesion - anal | Alimentary tract/Digestive system finding, Mass lesion/swelling findin | 1 | 0 |
| 1 | 1 | Diagnosis | 1230 | Mass lesion - anal gland/sac | Alimentary tract/Digestive system finding, Mass lesion/swelling findin | 1 | 0 |
| 1 | 1 | Diagnosis | 1232 | Mass lesion - axilla | Mass lesion/swelling finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1233 | Mass lesion - bile duct | Hepatobiliary system finding, Mass lesion/swelling finding, Abdominal | 1 | 0 |
| 1 | 1 | Diagnosis | 1234 | Mass lesion - bone | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16967 | Mass lesion - bony pelvis | Musculoskeletal system finding, Mass lesion/swelling finding, Pelvic s | 1 | 0 |
| 1 | 1 | Diagnosis | 1235 | Mass lesion - brain | Nervous system finding, Head and neck finding, Mass lesion/swelling | 1 | 1 |
| 1 | 1 | Diagnosis | 16353 | Mass lesion - calvarium (bone unspecified) | Musculoskeletal system finding, Mass lesion/swelling finding, Head a | 1 | 1 |
| 1 | 1 | Diagnosis | 1236 | Mass lesion - cardiac (heart) | Cardiovascular system finding, Thoracic finding, Mass lesion/swelling | 1 | 0 |
| 1 | 1 | Diagnosis | 20670 | Mass lesion - clitoral | Urogenital system finding, Reproductive system finding, Mass lesion/ | 0 | 1 |
| 1 | 1 | Diagnosis | 1238 | Mass lesion - conjunctival | Ophthalmology/vision finding, Soft tissue finding, Mass lesion/swellin | 1 | 1 |
| 1 | 1 | Diagnosis | 21684 | Mass lesion - digit | Limb finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 3911 | Mass lesion - ear (aural) | Auditory system finding, Mass lesion/swelling finding, Head and neck | 1 | 1 |
| 1 | 1 | Diagnosis | 1239 | Mass lesion - eyelid | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and | 1 | 1 |
| 1 | 1 | Diagnosis | 1240 | Mass lesion - facial | Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1241 | Mass lesion - facial, lip | Alimentary tract/Digestive system finding, Soft tissue finding, Mass l | 1 | 1 |
| 1 | 1 | Diagnosis | 1242 | Mass lesion - gallbladder | Hepatobiliary system finding, Mass lesion/swelling finding, Abdominal | 1 | 0 |
| 1 | 1 | Diagnosis | 1243 | Mass lesion - gastric (stomach) | Alimentary tract/Digestive system finding, Mass lesion/swelling findin | 1 | 0 |
| 1 | 1 | Diagnosis | 4665 | Mass lesion - gingival (gum) | Alimentary tract/Digestive system finding, Soft tissue finding, Mass l | 1 | 0 |
| 1 | 1 | Diagnosis | 1244 | Mass lesion - heart base | Cardiovascular system finding, Thoracic finding, Mass lesion/swelling | 1 | 0 |
| 1 | 1 | Diagnosis | 1245 | Mass lesion - hepatic (liver) | Hepatobiliary system finding, Mass lesion/swelling finding, Abdominal | 1 | 1 |
| 1 | 1 | Diagnosis | 7511 | Mass lesion - injection site reaction | Complication of medical care finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1246 | Mass lesion - intestinal | Alimentary tract/Digestive system finding, Mass lesion/swelling findin | 1 | 1 |
| 1 | 1 | Diagnosis | 1247 | Mass lesion - intra-ocular | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and | 1 | 1 |
| 1 | 1 | Diagnosis | 1248 | Mass lesion - iris | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and | 1 | 0 |
| 1 | 1 | Diagnosis | 16438 | Mass lesion - jaw (site unspecified) | Musculoskeletal system finding, Mass lesion/swelling finding, Head a | 1 | 1 |
| 1 | 1 | Diagnosis | 1250 | Mass lesion - jaw, mandible | Musculoskeletal system finding, Mass lesion/swelling finding, Head a | 1 | 1 |
| 1 | 1 | Diagnosis | 1251 | Mass lesion - jaw, maxilla | Musculoskeletal system finding, Mass lesion/swelling finding, Head a | 1 | 1 |
| 1 | 1 | Diagnosis | 1252 | Mass lesion - joint | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1253 | Mass lesion - laryngeal | Respiratory system finding, Mass lesion/swelling finding, Head and n | 1 | 0 |
| 1 | 1 | Diagnosis | 1254 | Mass lesion - limb, lower | Limb finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1255 | Mass lesion - limb, upper | Limb finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1256 | Mass lesion - lymph node | Lymphatic system finding, Immune system finding, Haematopoietic s | 1 | 0 |
| 1 | 1 | Diagnosis | 1257 | Mass lesion - mammary | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1259 | Mass lesion - mediastinal | Thoracic finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1260 | Mass lesion - mediastinal, anterior | Thoracic finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1261 | Mass lesion - meningeal | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1262 | Mass lesion - muscle | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21679 | Mass lesion - nail bed | Haircoat/skin (+ appendages) finding, Limb finding, Mass lesion/swell | 1 | 0 |
| 1 | 1 | Diagnosis | 20672 | Mass lesion - nasal sinus, rostral maxillary | Respiratory system finding, Mass lesion/swelling finding, Head and n | 0 | 1 |
| 1 | 1 | Diagnosis | 20673 | Mass lesion - nasal sinus, sphenopalatine | Respiratory system finding, Mass lesion/swelling finding, Head and n | 0 | 1 |
| 1 | 1 | Diagnosis | 20674 | Mass lesion - nasopharyngeal | Respiratory system finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1265 | Mass lesion - neck (cervical) | Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1266 | Mass lesion - nose (nasal) | Respiratory system finding, Mass lesion/swelling finding, Head and n | 1 | 1 |
| 1 | 1 | Diagnosis | 1267 | Mass lesion - nose (nasal), nasal cavity | Respiratory system finding, Mass lesion/swelling finding, Head and n | 1 | 1 |
| 1 | 1 | Diagnosis | 1268 | Mass lesion - oesophageal | Alimentary tract/Digestive system finding, Mass lesion/swelling findin | 1 | 1 |
| 1 | 1 | Diagnosis | 1269 | Mass lesion - oral cavity (mouth) | Alimentary tract/Digestive system finding, Mass lesion/swelling findin | 1 | 1 |
| 1 | 1 | Diagnosis | 1270 | Mass lesion - orbital | Musculoskeletal system finding, Ophthalmology/vision finding, Mass | 1 | 1 |
| 1 | 1 | Diagnosis | 1271 | Mass lesion - ovarian | Urogenital system finding, Reproductive system finding, Mass lesion/ | 1 | 1 |
| 1 | 1 | Diagnosis | 1272 | Mass lesion - pancreatic | Alimentary tract/Digestive system finding, Mass lesion/swelling findin | 1 | 0 |
| 1 | 1 | Diagnosis | 22075 | Mass lesion - paranasal sinus (unspecified) | Respiratory system finding, Mass lesion/swelling finding, Head and n | 1 | 1 |
| 1 | 1 | Diagnosis | 22076 | Mass lesion - paranasal sinus, frontal sinus | Respiratory system finding, Mass lesion/swelling finding, Head and n | 1 | 1 |
| 1 | 1 | Diagnosis | 1273 | Mass lesion - parathyroid | Endocrine/metabolic finding, Mass lesion/swelling finding, Head and r | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|--|--|--------------|--------|
| 1 | 1 | Diagnosis | 1274 | Mass lesion - penile | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1275 | Mass lesion - perianal | Perineal finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20675 | Mass lesion - perineal | Perineal finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20676 | Mass lesion - periocular | Mass lesion/swelling finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 5849 | Mass lesion - peritoneum | Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1276 | Mass lesion - pharyngeal | Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1277 | Mass lesion - pituitary | Nervous system finding, Endocrine/Metabolic finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 7395 | Mass lesion - prepuce | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1278 | Mass lesion - prostatic | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1279 | Mass lesion - pulmonary (lung) | Respiratory system finding, Mass lesion/swelling, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1280 | Mass lesion - pyloric | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1281 | Mass lesion - rectal | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1282 | Mass lesion - renal (kidney) | Urogenital system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1283 | Mass lesion - retrobulbar | Ophthalmology/vision finding, Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1284 | Mass lesion - retroperitoneal | Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 7038 | Mass lesion - rib | Musculoskeletal system finding, Mass lesion/swelling finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 3912 | Mass lesion - salivary | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16971 | Mass lesion - scapula | Musculoskeletal system finding, Mass lesion/swelling finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1286 | Mass lesion - scrotal | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1287 | Mass lesion - skin (cutaneous) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1288 | Mass lesion - skin (cutaneous), perianal | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, Perineal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1289 | Mass lesion - spinal cord | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1290 | Mass lesion - splenic | Haematopoietic system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1291 | Mass lesion - subcutaneous tissue | Soft tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1292 | Mass lesion - synovial | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20677 | Mass lesion - tail | Mass lesion/swelling finding, Tail finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20678 | Mass lesion - tendon sheath | Musculoskeletal system finding, Connective tissue finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1293 | Mass lesion - testicular | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1294 | Mass lesion - third eyelid/nictitating membrane | Ophthalmology/vision finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1295 | Mass lesion - thoracic | Thoracic finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 7667 | Mass lesion - thoracic (chest) wall | Thoracic finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1296 | Mass lesion - thyroid | Endocrine/metabolic finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1297 | Mass lesion - tongue (lingual) | Alimentary tract/Digestive system finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1298 | Mass lesion - tonsillar | Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1299 | Mass lesion - tracheal | Respiratory system finding, Mass lesion/swelling, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1300 | Mass lesion - urethral | Urogenital system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1301 | Mass lesion - urinary bladder | Urogenital system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16659 | Mass lesion - uterine | Reproductive system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1302 | Mass lesion - vaginal | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17208 | Mass lesion - vertebral column | Musculoskeletal system finding, Spine (vertebral column) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1303 | Mass lesion - vulval | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16436 | Mass lesion (site unspecified) | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 17218 | Mast cell tumour - cutaneous (grade unspecified) | Haircoat/skin (+ appendages) finding, Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17212 | Mast cell tumour - cutaneous, grade I | Haircoat/skin (+ appendages) finding, Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17214 | Mast cell tumour - cutaneous, grade II | Haircoat/skin (+ appendages) finding, Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17216 | Mast cell tumour - cutaneous, grade III | Haircoat/skin (+ appendages) finding, Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17220 | Mast cell tumour - cutaneous, multiple | Haircoat/skin (+ appendages) finding, Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17222 | Mast cell tumour - subcutaneous | Haematopoietic system finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16441 | Mast cell tumour (site unspecified) | Haematopoietic system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 17224 | Mast cell tumour, visceral - hepatic (liver) | Haematopoietic system finding, Hepatobiliary system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17225 | Mast cell tumour, visceral - intestine | Haematopoietic system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17226 | Mast cell tumour, visceral - spleen | Haematopoietic system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1306 | Masticatory myositis | Musculoskeletal system finding, Inflammatory disorder finding, Immune system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19903 | Mastitis - bacterial | Reproductive system finding, Inflammatory disorder finding, Infectious disease finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20681 | Mastitis - fungal | Reproductive system finding, Inflammatory disorder finding, Infectious disease finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20680 | Mastitis - infectious (unspecified) | Reproductive system finding, Inflammatory disorder finding, Infectious disease finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20682 | Mastitis - yeast infection | Reproductive system finding, Inflammatory disorder finding, Infectious disease finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20046 | Mastitis (unspecified) | Reproductive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19902 | Mastitis, acute | Reproductive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20679 | Mastitis, chronic | Reproductive system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 7473 | Mastocytosis, systemic | Haematopoietic system finding, Immune system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21713 | Matted haircoat/fur (haircoat matting) | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19799 | Maxillary brachygnathism | Musculoskeletal system finding, Head and neck finding, Congenital malformation finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19801 | Maxillary prognathism | Musculoskeletal system finding, Head and neck finding, Congenital malformation finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20683 | Meconium aspiration | Neonatal problem/disorder finding, Respiratory system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20684 | Meconium impaction/retention | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1309 | Mediastinitis | Thoracic finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1310 | Megacolon | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1311 | Megacolon - acquired | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1312 | Megacolon - idiopathic | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1313 | Megaesophagus | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1314 | Megaesophagus, canine idiopathic | Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1315 | Meibomian adenoma | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1316 | Meibomianitis | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16443 | Melanocytic neoplasm - benign melanoma (site unspecified) | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20685 | Melanocytic neoplasm - benign melanoma, anal | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1318 | Melanocytic neoplasm - benign melanoma, iris | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20686 | Melanocytic neoplasm - benign melanoma, lip | Alimentary tract/Digestive system finding, Soft tissue finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 17230 | Melanocytic neoplasm - benign melanoma, oral (mouth) | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20687 | Melanocytic neoplasm - benign melanoma, ovarian | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20688 | Melanocytic neoplasm - benign melanoma, penis/prepuce | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20689 | Melanocytic neoplasm - benign melanoma, periocular | Mass lesion/swelling finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20690 | Melanocytic neoplasm - benign melanoma, pinna | Auditory system finding, Mass lesion/swelling finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20691 | Melanocytic neoplasm - benign melanoma, tail | Mass lesion/swelling finding, Tail finding | 0 | 1 |
| 1 | 1 | Diagnosis | 16445 | Melanocytic neoplasm - malignant melanoma (site unspecified) | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20692 | Melanocytic neoplasm - malignant melanoma, anal | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20693 | Melanocytic neoplasm - malignant melanoma, lip | Alimentary tract/Digestive system finding, Soft tissue finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 17233 | Melanocytic neoplasm - malignant melanoma, mucocutaneous | Soft tissue finding, Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17235 | Melanocytic neoplasm - malignant melanoma, oral (mouth) | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20694 | Melanocytic neoplasm - malignant melanoma, ovarian | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20695 | Melanocytic neoplasm - malignant melanoma, penis/prepuce | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20696 | Melanocytic neoplasm - malignant melanoma, periocular | Mass lesion/swelling finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20697 | Melanocytic neoplasm - malignant melanoma, pinna | Auditory system finding, Mass lesion/swelling finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 17237 | Melanocytic neoplasm - malignant melanoma, subungual | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20698 | Melanocytic neoplasm - malignant melanoma, tail | Mass lesion/swelling finding, Tail finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1320 | Meningeal cyst | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1322 | Meningioma - intra-cranial | Nervous system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1323 | Meningioma - spinal | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16447 | Meningioma (site unspecified) | Nervous system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1325 | Meningitis - eosinophilic | Nervous system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1326 | Meningitis - septic | Nervous system finding, Inflammatory disorder finding, Infectious disease finding | 1 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|--|---|--------------|--------|
| 1 | 1 | Diagnosis | 1327 | Meningitis - sterile/aseptic | Nervous system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20699 | Meningitis (unspecified) | Nervous system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1328 | Meningoencephalitis | Nervous system finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 17981 | Meningoencephalitis of unknown aetiology (MUE) | Nervous system finding, Inflammatory disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1329 | Meningomyelocele | Nervous system finding, Congenital finding | 1 | 0 |
| 1 | 1 | Diagnosis | 7452 | Meniscal (stifle) injury | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20701 | Mesenteric rent entrapment | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 5767 | Mesenteric torsion/volvulus | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 17239 | Mesothelioma, malignant - pericardial | Cardiovascular system finding, Mass lesion/swelling finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 17241 | Mesothelioma, malignant - peritoneal | Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1333 | Mesothelioma, malignant - pleural | Mass lesion/swelling finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16449 | Mesothelioma, malignant (site unspecified) | Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15579 | Metabolic acidosis | Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15581 | Metabolic alkalosis | Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4192 | Metaphyseal osteopathy (Hypertrophic osteodystrophy) | Musculoskeletal system finding, Development disorder finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1336 | Metatarsal fistulae of GSD | Haircoat/skin (+ appendages) finding, Immune system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1337 | Methicillin-resistant staphylococcus aureus (MRSA) colonisation | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1338 | Methicillin-resistant staphylococcus aureus (MRSA) infection | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16770 | Methicillin-resistant staphylococcus colonisation (species unidentified) | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16771 | Methicillin-resistant staphylococcus infection (species unidentified) | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16768 | Methicillin-resistant staphylococcus pseudointermedius colonisation | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16769 | Methicillin-resistant staphylococcus pseudointermedius infection | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1339 | Metritis | Reproductive system finding, Inflammatory disorder finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22309 | Metritis - post-partum | Urogenital system finding, Reproductive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21715 | Microphthalmia (microphthalmos) | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21783 | Miliary (papulocrustous) dermatitis - non-flea induced | Immune system finding, Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21782 | Miliary (papulocrustous) dermatitis due to flea bite hypersensitivity | Immune system finding, Haircoat/skin (+ appendages) finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21740 | Misalliance (mismating) | Reproductive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1341 | Mitral valve disorder | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1342 | Mitral valve dysplasia | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1343 | Mitral valve myxomatous degeneration | Cardiovascular system finding, Degenerative disorder finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1344 | Mitral valve prolapse | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1345 | Mitral valve regurgitation/insufficiency | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1346 | Mitral valve stenosis | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19905 | Monorchidism (unilateral anorchidism) | Urogenital system finding, Reproductive system finding, Congenital disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19788 | Motion (travel) sickness | Nervous system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21888 | Movement disorder (unspecified) | Clinical finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1347 | Mucinosis | Haircoat/skin (+ appendages) finding, Hereditary disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1348 | Mucinosis - diffuse cutaneous | Haircoat/skin (+ appendages) finding, Hereditary disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21677 | Mucometra | Reproductive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22751 | Mucopolysaccharidosis | Endocrine/metabolic finding, Hereditary disorder finding, Congenital finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21708 | Multidrug-resistant bacterial infection (unspecified) | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1349 | Multidrug-resistant E. coli infection | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1350 | Multiple collagenous naevi of GSD | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16840 | Multiple myeloma (plasma cell myeloma) | Lymphatic system finding, Immune system finding, Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1352 | Multiple organ dysfunction syndrome (MODS) | Clinical finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20702 | Multisystemic eosinophilic epitheliotropic disease (MEED) | Haematopoietic system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 5788 | Muscle injury | Musculoskeletal system finding, Traumatic episode finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1353 | Muscle rupture | Musculoskeletal system finding, Traumatic episode finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19813 | Muscle spasm (Cramp) | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20703 | Muscular dystrophy | Musculoskeletal system finding, Hereditary disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20704 | Muscular hypertrophy of ileum | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 7672 | Myalgia (muscle pain) | Musculoskeletal system finding, Nervous system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1355 | Myasthenia gravis | Nervous system finding, Musculoskeletal system finding, Immune system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1356 | Mycobacterial infection | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1357 | Mycobacterial infection - cutaneous (skin) | Infectious disorder finding, Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1358 | Mycoplasma haemocanis (Haemobartonella canis) infection | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1359 | Mycoplasma haemofelis (Haemobartonella felis) infection | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20705 | Mycoplasma infection | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1360 | Myelitis (spinal cord) | Nervous system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1361 | Myelodysplastic syndrome | Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1362 | Myelofibrosis | Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1365 | Myelomalacia | Nervous system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1363 | Myeloproliferative disease (syndrome) | Haematopoietic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1364 | Myelosuppression | Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4554 | Myocardial failure | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1368 | Myocardial infarction (MI) | Cardiovascular system finding, Musculoskeletal system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1369 | Myocarditis | Cardiovascular system finding, Musculoskeletal system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1371 | Myopathy (muscle disorder) - congenital | Musculoskeletal system finding, Congenital finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1372 | Myopathy (muscle disorder) - endocrine | Musculoskeletal system finding, Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20706 | Myopathy (muscle disorder) - fibrotic | Musculoskeletal system finding, Traumatic episode finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20707 | Myopathy (muscle disorder) - ischaemic | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20708 | Myopathy (muscle disorder) - neurogenic | Musculoskeletal system finding, Nervous system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20709 | Myopathy (muscle disorder) - nutritional | Musculoskeletal system finding, Nutritional finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20710 | Myopathy (muscle disorder) - ossifying | Musculoskeletal system finding, Traumatic episode finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1373 | Myopathy (muscle disorder) - steroid-induced | Musculoskeletal system finding, Adverse reaction finding, Drug-related finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15552 | Myopathy (muscle disorder) (unspecified) | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20711 | Myositis - eosinophilic | Musculoskeletal system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20712 | Myositis - parasitic | Musculoskeletal system finding, Inflammatory disorder finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20713 | Myositis - traumatic | Musculoskeletal system finding, Inflammatory disorder finding, Traumatic episode finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20048 | Myositis (cause unspecified) | Musculoskeletal system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1375 | Myotonia | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1376 | Myotonia congenita | Musculoskeletal system finding, Congenital finding, Hereditary disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1377 | Myxoedema | Endocrine/Metabolic finding, Haircoat/skin (+ appendages) finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 7668 | Myxoma - cardiac (heart) | Connective tissue finding, Cardiovascular system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17243 | Myxoma - cutaneous (skin) | Haircoat/skin (+ appendages) finding, Connective tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17246 | Myxoma - subcutaneous | Soft tissue finding, Connective tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16451 | Myxoma (site unspecified) | Connective tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 7669 | Myxosarcoma - cardiac (heart) | Connective tissue finding, Cardiovascular system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17248 | Myxosarcoma - cutaneous (skin) | Haircoat/skin (+ appendages) finding, Connective tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17250 | Myxosarcoma - subcutaneous | Soft tissue finding, Connective tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16453 | Myxosarcoma (site unspecified) | Connective tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16843 | Naevus - collagenous | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16844 | Naevus - vascular | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16841 | Naevus (type unspecified) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20714 | Nail bind | Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20715 | Nail prick | Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1381 | Narcolepsy | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 15944 | Narrow complex tachycardia | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20050 | Nasal (nose) disorder (unspecified) | Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1383 | Nasal (nose) disorder, congenital | Respiratory system finding, Congenital finding, Head and neck finding | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|--|---|--------------|--------|
| 1 | 1 | Diagnosis | 1384 | Nasal (nose) hyperkeratosis | Respiratory system finding, Haircoat/skin (+ appendages) finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1385 | Nasal (nose) infection | Respiratory system finding, Infectious disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1386 | Nasal (nose) obstruction | Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20716 | Nasal (nose) septal disorder | Respiratory system finding, Musculoskeletal system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20717 | Nasal sinus cyst | Respiratory system finding, Mass lesion/swelling finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1387 | Nasal sinus obstruction | Respiratory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20718 | Nasogastric reflux | Respiratory system finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20719 | Nasolacrimal (tear) duct abnormality (unspecified) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1388 | Nasolacrimal duct abnormality - acquired obstruction | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1389 | Nasolacrimal duct abnormality - dacryocystitis | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1390 | Nasolacrimal duct abnormality - imperforate punctum (lacrimal punctum) | Ophthalmology/vision finding, Congenital finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1391 | Nasolacrimal duct abnormality - trauma | Ophthalmology/vision finding, Traumatic episode finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20721 | Nasopharyngeal collapse (unspecified) | Respiratory system finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20722 | Nasopharyngeal collapse, dynamic - dorsal | Respiratory system finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20723 | Nasopharyngeal collapse, dynamic - lateral | Respiratory system finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20724 | Nasopharyngeal collapse, fixed | Respiratory system finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20725 | Nasopharyngeal collapse, ventral (Palatine instability) | Respiratory system finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20726 | Nasopharyngeal dysfunction of foals | Respiratory system finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 9489 | Nasopharyngeal stenosis | Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20727 | Navicular bursa abnormality (unspecified) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20728 | Navicular bursa abnormality: marked distension | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20729 | Navicular bursa abnormality: soft tissue proliferation | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20730 | Navicular syndrome (navicular disease) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20731 | Necrotising enterocolitis | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1392 | Necrotising fasciitis | Infectious disorder finding, Inflammatory disorder finding, Soft tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20732 | Neonatal isoerythrolysis (NI) | Haematopoietic system finding, Immune system finding, Neonatal problem/disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20733 | Neonate prematurity/dysmaturity | Neonatal problem/disorder finding, Congenital finding | 0 | 1 |
| 1 | 1 | Diagnosis | 9694 | Neoplasm - abdominal (unspecified) | Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1400 | Neoplasm - adrenal | Endocrine/Metabolic finding, Abdominal finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1401 | Neoplasm - anal | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1402 | Neoplasm - anal gland/sac | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1403 | Neoplasm - aural (ear) | Auditory system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1404 | Neoplasm - axilla | Mass lesion/swelling finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1405 | Neoplasm - bile duct | Hepatobiliary system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1406 | Neoplasm - bone | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16969 | Neoplasm - bony pelvis | Musculoskeletal system finding, Mass lesion/swelling finding, Pelvic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1407 | Neoplasm - brain | Nervous system finding, Head and neck finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16354 | Neoplasm - calvarium (bone unspecified) | Musculoskeletal system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1408 | Neoplasm - cardiac (heart) | Cardiovascular system finding, Thoracic finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4613 | Neoplasm - central nervous system (CNS) | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20734 | Neoplasm - clitoral | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1410 | Neoplasm - conjunctival | Ophthalmology/vision finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20735 | Neoplasm - corneal | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1411 | Neoplasm - cutaneous epithelial | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21685 | Neoplasm - digit | Limb finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1412 | Neoplasm - eyelid | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1413 | Neoplasm - facial | Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1414 | Neoplasm - facial, lip | Alimentary tract/Digestive system finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1415 | Neoplasm - gallbladder | Hepatobiliary system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1416 | Neoplasm - gastric (stomach) | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 4666 | Neoplasm - gingival (gum) | Alimentary tract/Digestive system finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1417 | Neoplasm - hair follicle | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1418 | Neoplasm - heart base | Cardiovascular system finding, Thoracic finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1419 | Neoplasm - hepatic (liver) | Hepatobiliary system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1420 | Neoplasm - intestinal, large | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1421 | Neoplasm - intestinal, small | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1422 | Neoplasm - intra-ocular | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1423 | Neoplasm - intra-ocular, uveal tract | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1424 | Neoplasm - iris | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16455 | Neoplasm - jaw (site unspecified) | Musculoskeletal system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1426 | Neoplasm - jaw, mandible | Musculoskeletal system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1427 | Neoplasm - jaw, maxilla | Musculoskeletal system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1428 | Neoplasm - joint | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1429 | Neoplasm - laryngeal | Respiratory system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1430 | Neoplasm - limb, lower | Limb finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1431 | Neoplasm - limb, upper | Limb finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1432 | Neoplasm - lymph node | Lymphatic system finding, Immune system finding, Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1433 | Neoplasm - mammary | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1435 | Neoplasm - mediastinal | Thoracic finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1436 | Neoplasm - mediastinal, anterior | Thoracic finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1437 | Neoplasm - meningeal | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1438 | Neoplasm - muscle | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21680 | Neoplasm - nail bed | Haircoat/skin (+ appendages) finding, Limb finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1439 | Neoplasm - nasal sinus | Respiratory system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1440 | Neoplasm - nasal sinus, frontal sinus | Respiratory system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20736 | Neoplasm - nasopharyngeal | Mass lesion/swelling finding, Respiratory system finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1441 | Neoplasm - neck (cervical) | Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1442 | Neoplasm - nose (nasal) | Respiratory system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1443 | Neoplasm - nose, nasal cavity | Respiratory system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20737 | Neoplasm - ocular (eye) | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1444 | Neoplasm - oesophageal | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1445 | Neoplasm - oral cavity (mouth) | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1446 | Neoplasm - orbital | Musculoskeletal system finding, Ophthalmology/vision finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1447 | Neoplasm - ovarian | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1448 | Neoplasm - pancreatic | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1449 | Neoplasm - parathyroid | Endocrine/metabolic finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1450 | Neoplasm - penile | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1451 | Neoplasm - perianal | Perineal finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1452 | Neoplasm - perianal gland | Haircoat/skin (+ appendages) finding, Perineal finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20738 | Neoplasm - perineal | Perineal finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20739 | Neoplasm - periocular | Mass lesion/swelling finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1453 | Neoplasm - peripheral nerve | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1455 | Neoplasm - peripheral nerve sheath | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1454 | Neoplasm - peripheral nerve, trigeminal | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9691 | Neoplasm - peritoneum (unspecified) | Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1457 | Neoplasm - pharyngeal | Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1458 | Neoplasm - pituitary | Nervous system finding, Endocrine/Metabolic finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1459 | Neoplasm - pleural | Thoracic finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20740 | Neoplasm - prepuce | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1460 | Neoplasm - prostatic | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1461 | Neoplasm - pulmonary (lung) | Respiratory system finding, Mass lesion/swelling finding, Thoracic finding | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|--|--------------|--------|
| 1 | 1 | Diagnosis | 1462 | Neoplasm - pyloric | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1463 | Neoplasm - rectal | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1464 | Neoplasm - renal (kidney) | Urogenital system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1465 | Neoplasm - retrobulbar | Ophthalmology/vision finding, Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1466 | Neoplasm - retroperitoneal | Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 7040 | Neoplasm - rib | Musculoskeletal system finding, Mass lesion/swelling finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1467 | Neoplasm - salivary | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16973 | Neoplasm - scapula | Musculoskeletal system finding, Mass lesion/swelling finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1468 | Neoplasm - scrotal | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1469 | Neoplasm - sebaceous gland | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1470 | Neoplasm - skin (cutaneous) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1471 | Neoplasm - skin (cutaneous), perianal | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, Perianal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1472 | Neoplasm - spinal cord | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1473 | Neoplasm - splenic | Haematopoietic system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1474 | Neoplasm - sweat gland | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1475 | Neoplasm - synovial | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20741 | Neoplasm - tail | Mass lesion/swelling finding, Tail finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1476 | Neoplasm - testicular | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1477 | Neoplasm - third eyelid/nictitating membrane | Ophthalmology/vision finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 7666 | Neoplasm - thoracic (chest) wall | Thoracic finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1478 | Neoplasm - thyroid | Endocrine/metabolic finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1479 | Neoplasm - tongue (lingual) | Alimentary tract/Digestive system finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1480 | Neoplasm - tonsillar | Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1481 | Neoplasm - tracheal | Respiratory system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1482 | Neoplasm - urethral | Urogenital system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1483 | Neoplasm - urinary bladder | Urogenital system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16657 | Neoplasm - uterine | Reproductive system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1484 | Neoplasm - vaginal | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1485 | Neoplasm - vascular origin | Cardiovascular system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17252 | Neoplasm - vertebral column | Musculoskeletal system finding, Spine (vertebral column) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1486 | Neoplasm - vulval | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1397 | Neoplasm, benign | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1398 | Neoplasm, malignant | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1399 | Neoplasm, uncertain behaviour | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1487 | Neoplastic metastasis | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1488 | Neoplastic metastasis - to bone | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1489 | Neoplastic metastasis - to central nervous system (CNS) | Nervous system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1490 | Neoplastic metastasis - to liver (hepatic) | Hepatobiliary system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1491 | Neoplastic metastasis - to lung (pulmonary) | Respiratory system finding, Mass lesion/swelling finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1492 | Neoplastic metastasis - to regional lymph node(s) | Lymphatic system finding, Immune system finding, Haematopoietic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1493 | Neoplastic metastasis - to spleen | Haematopoietic system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1494 | Neoplastic metastasis not detected | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1495 | Neoplasia infection | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 17254 | Neovascularisation/benign vascular proliferation | Cardiovascular system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17260 | Nephroblastoma - renal (kidney) | Urogenital system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17258 | Nephroblastoma (site unspecified) | Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17264 | Nephroblastoma, extrarenal - spinal cord | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17262 | Nephroblastoma, extrarenal (site unspecified) | Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1497 | Nephrocalcinosis | Urogenital system finding, Endocrine/metabolic finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1499 | Nephrotic syndrome | Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1500 | Nerve root disorder | Nervous system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17266 | Neurofibroma | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17268 | Neurofibrosarcoma | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15551 | Neurological (nervous system) disorder (unspecified) | Nervous system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 15557 | Neuromuscular disorder (unspecified) | Nervous system finding, Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21884 | Neuromyotonia / myokymia | Nervous system finding, Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17271 | Neuroma | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1501 | Neuropraxia | Nervous system finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 7030 | Neutropenia | Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11018 | Neutropenia - immune-mediated | Haematopoietic system finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20742 | Nocardiosis | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19804 | Noise phobia - fireworks | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19803 | Noise phobia (unspecified) | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21692 | Non-accidental injury (NAI; Battered pet syndrome) | Traumatic episode finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21160 | Non-social fear (Problem behaviour) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20743 | Not pregnant | Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1503 | Nuclear sclerosis | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20745 | Nutritional diarrhoea | Alimentary tract/Digestive system finding, Abdominal finding, Nutritional finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20744 | Nutritional myodegeneration (White muscle disease) | Musculoskeletal system finding, Nutritional finding, Degenerative disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1504 | Nyctalopia (night blindness) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21668 | Nymphomania | Reproductive system finding, Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1505 | Obesity | Weight/Body condition finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1506 | Obesity - morbid obesity | Weight/Body condition finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1507 | Obstipation | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20746 | Occipito-atlantoaxial malformation | Musculoskeletal system finding, Congenital finding, Spine (vertebral column) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 16847 | Odontoma - mandible | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16848 | Odontoma - maxilla | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1509 | Oesophageal diverticulum | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1510 | Oesophageal dysmotility | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20747 | Oesophageal fistula | Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20748 | Oesophageal impaction | Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1511 | Oesophageal injury | Alimentary tract/Digestive system finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20749 | Oesophageal intramural cyst | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20750 | Oesophageal obstruction (Choke) | Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1512 | Oesophageal perforation | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1513 | Oesophageal rupture | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1514 | Oesophageal stenosis/stricture | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1515 | Oesophageal ulceration | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1516 | Oesophagitis | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1517 | Oesophagitis - drug-related | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1518 | Oesophagitis - reflux | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 7710 | Oesophagitis - reflux (post-anaesthesia) | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21807 | Oestrus (" in season " / " on heat ") | Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20751 | Omphalitis | Inflammatory disorder finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20752 | Omphaloenteritis | Cardiovascular system finding, Inflammatory disorder finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20753 | Omphalophlebitis | Cardiovascular system finding, Inflammatory disorder finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1521 | Onychodystrophy, idiopathic | Haircoat/skin (+ appendages) finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1522 | Onychodystrophy, symmetric lupoid | Haircoat/skin (+ appendages) finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1523 | Onychodystrophy, unspecified | Haircoat/skin (+ appendages) finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1524 | Onychomadesis, idiopathic | Haircoat/skin (+ appendages) finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1525 | Ophthalmoplegia | Ophthalmology/vision finding, Musculoskeletal system finding, Nervous system finding | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|--|--------------|--------|
| 1 | 1 | Diagnosis | 1526 | Optic disc cupping | Ophthalmology/vision finding, Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1527 | Optic neuritis | Ophthalmology/vision finding, Nervous system finding, Inflammatory finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1528 | Orbital cellulitis | Ophthalmology/vision finding, Soft tissue finding, Haircoat/skin (+ appendage) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1529 | Orbital trauma | Ophthalmology/vision finding, Musculoskeletal system finding, Trauma finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1531 | Orchitis | Urogenital system finding, Reproductive system finding, Inflammatory finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1530 | Oronasal fistula | Alimentary tract/Digestive system finding, Respiratory system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20755 | Osseous cyst-like lesion - carpus | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20756 | Osseous cyst-like lesion - distal phalanx | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20757 | Osseous cyst-like lesion - elbow | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20758 | Osseous cyst-like lesion - femoral condyle | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20759 | Osseous cyst-like lesion - metacarpal III | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20760 | Osseous cyst-like lesion - metatarsal III | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20761 | Osseous cyst-like lesion - middle phalanx | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20762 | Osseous cyst-like lesion - navicular bone | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20763 | Osseous cyst-like lesion - proximal phalanx | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20764 | Osseous cyst-like lesion - shoulder | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20765 | Osseous cyst-like lesion - tarsus | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20754 | Osseous cyst-like lesion (site unspecified) | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20766 | Ossification of collateral cartilages of foot (Sidebone) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20767 | Ossifying fibroma - mandible | Connective tissue finding, Mass lesion/swelling finding, Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20052 | Ossifying fibroma (unspecified) | Connective tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22210 | Osteitis, infectious (septic) | Musculoskeletal system finding, Inflammatory disorder finding, Infection finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22208 | Osteitis, infectious (septic) - distal phalanx (P3, pedal bone) | Musculoskeletal system finding, Inflammatory disorder finding, Infection finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20768 | Osteoarthritis - antebrachioacarpal joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20769 | Osteoarthritis - carpometacarpal joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1533 | Osteoarthritis - carpus | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20770 | Osteoarthritis - distal interphalangeal joint (Low ringbone) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1534 | Osteoarthritis - elbow | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1535 | Osteoarthritis - hip | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1536 | Osteoarthritis - hock | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1537 | Osteoarthritis - metacarpophalangeal joint | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1538 | Osteoarthritis - metatarsophalangeal joint | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20771 | Osteoarthritis - middle carpal joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1539 | Osteoarthritis - paw | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20772 | Osteoarthritis - proximal interphalangeal joint (High ringbone) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1540 | Osteoarthritis - shoulder | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1541 | Osteoarthritis - stifle | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20773 | Osteoarthritis - tarsometatarsal joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20775 | Osteoarthritis - tarsus - bog spavin | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20777 | Osteoarthritis - tarsus - distal intertarsal joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20776 | Osteoarthritis - tarsus - distal tarsal joint(s) (bone spavin) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20778 | Osteoarthritis - tarsus - proximal intertarsal joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20779 | Osteoarthritis - tarsus - talocalcaneal joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20780 | Osteoarthritis - tarsus - tarsocrural joint | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20774 | Osteoarthritis - tarsus (unspecified) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20781 | Osteoarthritis - temporomandibular (TMJ) | Musculoskeletal system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20783 | Osteoarthritis - vertebral column - cervical articular facet joints | TBC | 0 | 1 |
| 1 | 1 | Diagnosis | 20784 | Osteoarthritis - vertebral column - thoracic articular facet joints | TBC | 0 | 1 |
| 1 | 1 | Diagnosis | 20782 | Osteoarthritis - vertebral column (site unspecified) | Musculoskeletal system finding, Spine (vertebral column) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21635 | Osteoarthritis (osteoarthritis (OA), degenerative joint disease (DJD)) | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1542 | Osteoarthritis, multiple sites | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1543 | Osteoarthritis, secondary | Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1546 | Osteochondritis dissecans (OCD) - elbow, humeral condyle | Musculoskeletal system finding, Hereditary disorder finding, Developmental disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1547 | Osteochondritis dissecans (OCD) - femoral condyle, lateral | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1548 | Osteochondritis dissecans (OCD) - femoral condyle, medial | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20785 | Osteochondritis dissecans (OCD) - foot | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1549 | Osteochondritis dissecans (OCD) - shoulder | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1550 | Osteochondritis dissecans (OCD) - shoulder, humeral head | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20787 | Osteochondritis dissecans (OCD) - stifle - lateral femoral trochlear ridge | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20788 | Osteochondritis dissecans (OCD) - stifle - medial femoral trochlear ridge | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20789 | Osteochondritis dissecans (OCD) - stifle - patella | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20790 | Osteochondritis dissecans (OCD) - stifle - trochlear groove | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20786 | Osteochondritis dissecans (OCD) - stifle (site unspecified) | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1551 | Osteochondritis dissecans (OCD) - talus | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20792 | Osteochondritis dissecans (OCD) - tarsus - distal tibial intermediate ridge | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20793 | Osteochondritis dissecans (OCD) - tarsus - lateral talus trochlear ridge | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20794 | Osteochondritis dissecans (OCD) - tarsus - medial malleolus | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20791 | Osteochondritis dissecans (OCD) - tarsus (site unspecified) | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20805 | Osteochondritis dissecans (OCD)(unspecified) | Musculoskeletal system finding, Developmental disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20795 | Osteochondroma - carpus | Musculoskeletal system finding, Mass lesion/swelling finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 17273 | Osteochondroma - pelvis | Musculoskeletal system finding, Mass lesion/swelling finding, Pelvic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20796 | Osteochondroma - radius | Musculoskeletal system finding, Mass lesion/swelling finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 17275 | Osteochondroma - rib | Musculoskeletal system finding, Mass lesion/swelling finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17277 | Osteochondroma - scapula | Musculoskeletal system finding, Mass lesion/swelling finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17279 | Osteochondroma - trachea | Musculoskeletal system finding, Respiratory system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17281 | Osteochondroma - vertebral column | Musculoskeletal system finding, Spine (vertebral column) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16457 | Osteochondroma (site unspecified) | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 17283 | Osteochondromatosis | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20798 | Osteochondrosis - medial femoral condyle | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20799 | Osteochondrosis - metacarpophalangeal joint | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20800 | Osteochondrosis - proximal interphalangeal joint (High ringbone) | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20801 | Osteochondrosis - shoulder | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20802 | Osteochondrosis - stifle | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20804 | Osteochondrosis - tarsus - distal intermediate ridge of tibia | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20805 | Osteochondrosis - tarsus - lateral malleolus of distal tibia | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20806 | Osteochondrosis - tarsus - lateral trochlear ridge of talus | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20807 | Osteochondrosis - tarsus - medial malleolus of distal tibia | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20808 | Osteochondrosis - tarsus - medial trochlear ridge of talus | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20803 | Osteochondrosis - tarsus (site unspecified) | Musculoskeletal system finding, Developmental disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1553 | Osteochondrosis (Juvenile osteochondritis, dyschondroplasia) | Musculoskeletal system finding, Developmental disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20797 | Osteochondrosis (site unspecified) | Musculoskeletal system finding, Developmental disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 5771 | Osteogenesis imperfecta | Musculoskeletal system finding, Connective tissue finding, Hereditary disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 17289 | Osteoma - multilocular | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17287 | Osteoma (type unspecified) | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22313 | Osteomyelitis - calcaneus | Haematopoietic system finding, Inflammatory disorder finding, Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1555 | Osteomyelitis - femur | Haematopoietic system finding, Inflammatory disorder finding, Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1556 | Osteomyelitis - humerus | Haematopoietic system finding, Inflammatory disorder finding, Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1557 | Osteomyelitis - mandible | Haematopoietic system finding, Inflammatory disorder finding, Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1558 | Osteomyelitis - maxilla | Haematopoietic system finding, Inflammatory disorder finding, Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1559 | Osteomyelitis - paw | Haematopoietic system finding, Inflammatory disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1560 | Osteomyelitis - radius | Haematopoietic system finding, Inflammatory disorder finding, Musculoskeletal system finding | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|--|--------------|--------|
| 1 | 1 | Diagnosis | 9426 | Osteomyelitis - scapula | Haematopoietic system finding, Inflammatory disorder finding, Muscu | 1 | 0 |
| 1 | 1 | Diagnosis | 1562 | Osteomyelitis - tibia | Haematopoietic system finding, Inflammatory disorder finding, Muscu | 1 | 0 |
| 1 | 1 | Diagnosis | 1563 | Osteomyelitis - ulna | Haematopoietic system finding, Inflammatory disorder finding, Muscu | 1 | 0 |
| 1 | 1 | Diagnosis | 1564 | Osteomyelitis - vertebral column | Haematopoietic system finding, Inflammatory disorder finding, Muscu | 1 | 0 |
| 1 | 1 | Diagnosis | 20058 | Osteomyelitis (unspecified) | Haematopoietic system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1569 | Osteomyelitis of other aetiology | Haematopoietic system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1565 | Osteomyelitis, acute | Haematopoietic system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1566 | Osteomyelitis, bacterial | Haematopoietic system finding, Inflammatory disorder finding, Infecti | 1 | 0 |
| 1 | 1 | Diagnosis | 1567 | Osteomyelitis, chronic | Haematopoietic system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1568 | Osteomyelitis, fungal | Haematopoietic system finding, Inflammatory disorder finding, Infecti | 1 | 0 |
| 1 | 1 | Diagnosis | 1570 | Osteopenia | Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1571 | Osteopetrosis | Musculoskeletal system finding, Hereditary disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20810 | Osteophytes - temporomandibular (TMJ) | Musculoskeletal system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20809 | Osteophytes (site unspecified) | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 16852 | Osteosarcoma - appendicular (type unspecified) | Musculoskeletal system finding, Connective tissue finding, Mass lesi | 1 | 0 |
| 1 | 1 | Diagnosis | 16853 | Osteosarcoma - appendicular, parosteal | Musculoskeletal system finding, Connective tissue finding, Mass lesi | 1 | 0 |
| 1 | 1 | Diagnosis | 16855 | Osteosarcoma - appendicular, periosteal | Musculoskeletal system finding, Connective tissue finding, Mass lesi | 1 | 0 |
| 1 | 1 | Diagnosis | 16857 | Osteosarcoma - axial (site unspecified) | Musculoskeletal system finding, Connective tissue finding, Mass lesi | 1 | 0 |
| 1 | 1 | Diagnosis | 16861 | Osteosarcoma - axial, mandible | Musculoskeletal system finding, Connective tissue finding, Mass lesi | 1 | 0 |
| 1 | 1 | Diagnosis | 16862 | Osteosarcoma - axial, maxilla | Musculoskeletal system finding, Connective tissue finding, Mass lesi | 1 | 0 |
| 1 | 1 | Diagnosis | 16859 | Osteosarcoma - axial, rib | Musculoskeletal system finding, Connective tissue finding, Mass lesi | 1 | 0 |
| 1 | 1 | Diagnosis | 16867 | Osteosarcoma - extraskeletal (site unspecified) | Musculoskeletal system finding, Connective tissue finding, Mass lesi | 1 | 0 |
| 1 | 1 | Diagnosis | 16868 | Osteosarcoma - extraskeletal, cutaneous (skin)/subcutaneous | Musculoskeletal system finding, Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16870 | Osteosarcoma - extraskeletal, gastrointestinal | Alimentary tract/Digestive system finding, Musculoskeletal system fir | 1 | 0 |
| 1 | 1 | Diagnosis | 16872 | Osteosarcoma - extraskeletal, hepatic (liver) | Hepatobiliary system finding, Musculoskeletal system finding, Conne | 1 | 0 |
| 1 | 1 | Diagnosis | 16874 | Osteosarcoma - extraskeletal, mammary | Reproductive system finding, Musculoskeletal system finding, Conne | 1 | 0 |
| 1 | 1 | Diagnosis | 16876 | Osteosarcoma - extraskeletal, muscle | Musculoskeletal system finding, Connective tissue finding, Mass lesi | 1 | 0 |
| 1 | 1 | Diagnosis | 16878 | Osteosarcoma - extraskeletal, splenic | Haematopoietic system finding, Musculoskeletal system finding, Con | 1 | 0 |
| 1 | 1 | Diagnosis | 16880 | Osteosarcoma - extraskeletal, thyroid | Endocrine/metabolic finding, Musculoskeletal system finding, Conne | 1 | 0 |
| 1 | 1 | Diagnosis | 16459 | Osteosarcoma (site unspecified) | Musculoskeletal system finding, Connective tissue finding, Mass lesi | 1 | 0 |
| 1 | 1 | Diagnosis | 1576 | Otitis | Auditory system finding, Inflammatory disorder finding, Head and nec | 1 | 1 |
| 1 | 1 | Diagnosis | 1577 | Otitis externa | Auditory system finding, Inflammatory disorder finding, Head and nec | 1 | 1 |
| 1 | 1 | Diagnosis | 21827 | Otitis externa due to water exposure (" Swimmers ear ") | Auditory system finding, Inflammatory disorder finding, Head and nec | 1 | 0 |
| 1 | 1 | Diagnosis | 1578 | Otitis externa, acute | Auditory system finding, Inflammatory disorder finding, Head and nec | 1 | 0 |
| 1 | 1 | Diagnosis | 1579 | Otitis externa, chronic | Auditory system finding, Inflammatory disorder finding, Head and nec | 1 | 0 |
| 1 | 1 | Diagnosis | 1582 | Otitis externa, infective | Auditory system finding, Inflammatory disorder finding, Infective diso | 1 | 0 |
| 1 | 1 | Diagnosis | 1580 | Otitis externa, meatus and canal only | Auditory system finding, Inflammatory disorder finding, Head and nec | 1 | 0 |
| 1 | 1 | Diagnosis | 1581 | Otitis externa, pinna only | Auditory system finding, Inflammatory disorder finding, Haircoat/skin | 1 | 0 |
| 1 | 1 | Diagnosis | 21753 | Otitis interna | Auditory system finding, Inflammatory disorder finding, Head and nec | 1 | 1 |
| 1 | 1 | Diagnosis | 1583 | Otitis media | Auditory system finding, Inflammatory disorder finding, Head and nec | 1 | 1 |
| 1 | 1 | Diagnosis | 1584 | Otitis media, acute | Auditory system finding, Inflammatory disorder finding, Head and nec | 1 | 0 |
| 1 | 1 | Diagnosis | 1585 | Otitis media, chronic | Auditory system finding, Inflammatory disorder finding, Head and nec | 1 | 0 |
| 1 | 1 | Diagnosis | 1586 | Otitis media, infective | Auditory system finding, Inflammatory disorder finding, Infective diso | 1 | 0 |
| 1 | 1 | Diagnosis | 1587 | Ovarian cyst | Urogenital system finding, Reproductive system finding, Mass lesion/ | 1 | 1 |
| 1 | 1 | Diagnosis | 1588 | Ovarian disorder | Urogenital system finding, Reproductive system finding, Abdominal fi | 1 | 1 |
| 1 | 1 | Diagnosis | 16999 | Ovarian dysgerminoma | Urogenital system finding, Reproductive system finding, Mass lesion/ | 0 | 1 |
| 1 | 1 | Diagnosis | 20811 | Ovarian haematoma | Urogenital system finding, Reproductive system finding, Cardiovascu | 1 | 0 |
| 1 | 1 | Diagnosis | 1589 | Ovarian remnant syndrome (residual ovary syndrome) | Urogenital system finding, Reproductive system finding, Abdominal fi | 1 | 0 |
| 1 | 1 | Diagnosis | 21785 | Overgrooming (excessive grooming) | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2896 | Overgrown haircoat | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9639 | Overgrown incisor(s) | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9641 | Overgrown molar(s) | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21673 | Overgrown nail(s)/claw(s) | Haircoat/skin (+ appendages) finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19783 | Overweight | Weight/Body condition finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20812 | Oviduct obstruction | Reproductive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20813 | Ovulation failure | Urogenital system finding, Reproductive system finding, Abdominal fi | 0 | 1 |
| 1 | 1 | Diagnosis | 21156 | Owner-directed aggression (Problem behaviour) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19794 | Pad wound - laceration | Wound finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19795 | Pad wound - puncture | Wound finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19793 | Pad wound (unspecified) | Wound finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20814 | Palatitis | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 0 | 1 |
| 1 | 1 | Diagnosis | 22314 | Palmar/Plantar annular ligament (PAL) syndrome | Musculoskeletal system finding, Connective tissue finding, Limb findi | 0 | 1 |
| 1 | 1 | Diagnosis | 1590 | Pancreatic cyst | Alimentary tract/Digestive system finding, Mass lesion/swelling findin | 1 | 0 |
| 1 | 1 | Diagnosis | 1591 | Pancreatic pseudocyst | Alimentary tract/Digestive system finding, Mass lesion/swelling findin | 1 | 0 |
| 1 | 1 | Diagnosis | 1592 | Pancreatitis | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 1 | 0 |
| 1 | 1 | Diagnosis | 1593 | Pancreatitis - acute | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 1 | 0 |
| 1 | 1 | Diagnosis | 1594 | Pancreatitis - acute, necrotising | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 1 | 0 |
| 1 | 1 | Diagnosis | 1595 | Pancreatitis - chronic | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 1 | 0 |
| 1 | 1 | Diagnosis | 1596 | Pancreatitis - recurrent/relapsing | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 1 | 0 |
| 1 | 1 | Diagnosis | 1597 | Pancytopenia | Haematopoietic system finding, Haemostatic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1598 | Panniculitis | Haircoat/skin (+ appendages) finding, Soft tissue finding, Inflammato | 1 | 1 |
| 1 | 1 | Diagnosis | 20815 | Panosteitis | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1599 | Panosteitis, Canine | Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17295 | Papilloma, solitary - choroid plexus | Nervous system finding, Head and neck finding, Mass lesion/swelling | 1 | 0 |
| 1 | 1 | Diagnosis | 17299 | Papilloma, solitary - mammary | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9463 | Papilloma, solitary - mucous membrane | Soft tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9464 | Papilloma, solitary - other | Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9465 | Papilloma, solitary - skin (cutaneous) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17297 | Papillomas, multiple - choroid plexus | Nervous system finding, Head and neck finding, Mass lesion/swelling | 1 | 0 |
| 1 | 1 | Diagnosis | 17302 | Papillomas, multiple - mammary | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9466 | Papillomas, multiple - mucous membrane | Soft tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9467 | Papillomas, multiple - other | Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9468 | Papillomas, multiple - skin (cutaneous) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20816 | Papillomatosis (warts) | Infectious disorder finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1602 | Paraneoplastic alopecia | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1603 | Paraneoplastic neuromyopathy/neuropathy | Nervous system finding, Musculoskeletal system finding, Mass lesio | 1 | 0 |
| 1 | 1 | Diagnosis | 1604 | Paraneoplastic syndrome | Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1605 | Paraphimosis | Urogenital system finding, Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1606 | Paraprostatic cyst | Urogenital system finding, Reproductive system finding, Mass lesion/ | 1 | 0 |
| 1 | 1 | Diagnosis | 21781 | Parasite infestation - (Neo)trombiculosis (Harvest mites, " Chiggers ") | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1609 | Parasite infestation - Aelurostrongylosis | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1610 | Parasite infestation - Angiostrongylosis | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20817 | Parasite infestation - Anoplocephalidae | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1611 | Parasite infestation - Ascariasis | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1612 | Parasite infestation - Babesiosis | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1613 | Parasite infestation - Capillariasis | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4556 | Parasite infestation - Cestodes (tapeworms) | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1614 | Parasite infestation - Cheyletiellosis | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20818 | Parasite infestation - Choriocytic mange | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20819 | Parasite infestation - Cutaneous habronemiasis | Haircoat/skin (+ appendages) finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20820 | Parasite infestation - Cutaneous myiasis (Blowflies) | Haircoat/skin (+ appendages) finding, Infectious disorder finding | 0 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|--|--------------|--------|
| 1 | 1 | Diagnosis | 20062 | Parasite infestation - Demodicosis (demodectic mange) | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1616 | Parasite infestation - Dermatyssus gallinae | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20821 | Parasite infestation - Dictyocaulus (unspecified) | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1617 | Parasite infestation - Dirofilariasis | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1618 | Parasite infestation - Ehrlichiosis | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20823 | Parasite infestation - Fascioliasis (liver fluke infestation) | Infectious disorder finding, Hepatobiliary system finding, Abdominal f | 0 | 1 |
| 1 | 1 | Diagnosis | 1619 | Parasite infestation - Filaroidosis | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1620 | Parasite infestation - fleas | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20824 | Parasite infestation - Gasterophilus (Botfly, Bots) | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 5865 | Parasite infestation - hookworm | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 5866 | Parasite infestation - hookworm - Ancylostomiasis | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 5867 | Parasite infestation - hookworm - Uncinariasis | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20825 | Parasite infestation - Horn fly | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20826 | Parasite infestation - Hyostroglyosis | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20827 | Parasite infestation - Hypoderma infestation (Warbles) | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1621 | Parasite infestation - Leishmaniasis | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1622 | Parasite infestation - Myiasis (flystrike) | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21647 | Parasite infestation - Notoedres cati | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20828 | Parasite infestation - Onchocerciasis | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21646 | Parasite infestation - Otodectes cynotis (ear mite) | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20829 | Parasite infestation - Oxyuriasis | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20830 | Parasite infestation - Parascaris (unspecified) | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20831 | Parasite infestation - Parascaris equorum | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 8545 | Parasite infestation - Pediculosis (lice) | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20832 | Parasite infestation - Psoroptic mange | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19772 | Parasite infestation - Sarcoptic mange (Scabies) | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20833 | Parasite infestation - Strongyloidosis | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20834 | Parasite infestation - Strongylosis | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1627 | Parasite infestation - ticks | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20835 | Parasite infestation - Toxascaris | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1628 | Parasite infestation - Toxocariasis | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20836 | Parasite infestation - Trichurosis (whipworms) | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20060 | Parasite infestation (unspecified) | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1607 | Parasitic disease | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1629 | Paronychia | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 1 | 0 |
| 1 | 1 | Diagnosis | 1630 | Paronychia, bacterial | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 1 | 0 |
| 1 | 1 | Diagnosis | 1631 | Paronychia, fungal | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 1 | 0 |
| 1 | 1 | Diagnosis | 20837 | Parturient paresis | Reproductive system finding, Endocrine/Metabolic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22315 | Pastern and cannon leucocytoclastic vasculitis (PCLV) | Immune system finding, Cardiovascular system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20838 | Pastern dermatitis (Greasy heel, mud fever, scratches) | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, I | 0 | 1 |
| 1 | 1 | Diagnosis | 20839 | Pasteurellosis | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19810 | Patellar luxation - bilateral | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1634 | Patellar luxation - lateral | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1635 | Patellar luxation - medial | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19811 | Patellar luxation - unilateral | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19808 | Patellar luxation (unspecified) | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20842 | Patent (persistent) urachus | Neonatal problem/disorder finding, Congenital finding, Abdominal findi | 0 | 1 |
| 1 | 1 | Diagnosis | 1636 | Patent ductus arteriosus (PDA) | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1637 | Patent ductus arteriosus (PDA) with left-to-right shunt | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1638 | Patent ductus arteriosus (PDA) with right-to-left shunt | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1639 | Patent ductus venosus | Cardiovascular system finding, Congenital finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1640 | Pattern baldness | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11097 | Peliosis hepatis | Hepatobiliary system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1641 | Pelodera dermatitis | Infectious disorder finding, Haircoat/skin (+ appendages) finding, Infla | 1 | 0 |
| 1 | 1 | Diagnosis | 1642 | Pemphigus disorder | Haircoat/skin (+ appendages) finding, Immune system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1643 | Pemphigus foliaceus | Haircoat/skin (+ appendages) finding, Immune system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20844 | Penile disorder - excessive smegma | Urogenital system finding, Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20845 | Penile disorder - haematoma | Urogenital system finding, Reproductive system finding, Cardiovascu | 0 | 1 |
| 1 | 1 | Diagnosis | 20846 | Penile disorder - traumatic injury | Urogenital system finding, Reproductive system finding, Traumatic ep | 0 | 1 |
| 1 | 1 | Diagnosis | 20847 | Penile disorder - wound | Urogenital system finding, Reproductive system finding, Wound findir | 0 | 1 |
| 1 | 1 | Diagnosis | 20063 | Penile disorder (unspecified) | Urogenital system finding, Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1646 | Pericardial effusion - idiopathic | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1647 | Pericardial effusion - neoplastic | Cardiovascular system finding, Thoracic finding, Mass lesion/swelling | 1 | 1 |
| 1 | 1 | Diagnosis | 1648 | Pericardial effusion - septic | Cardiovascular system finding, Infectious disorder finding, Thoracic f | 1 | 1 |
| 1 | 1 | Diagnosis | 1649 | Pericardial effusion - traumatic | Cardiovascular system finding, Traumatic episode finding, Thoracic fi | 1 | 1 |
| 1 | 1 | Diagnosis | 20065 | Pericardial effusion (cause unspecified) | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20848 | Pericarditis - constrictive | Cardiovascular system finding, Inflammatory disorder finding, Thoraci | 0 | 1 |
| 1 | 1 | Diagnosis | 20849 | Pericarditis - idiopathic | Cardiovascular system finding, Inflammatory disorder finding, Thoraci | 0 | 1 |
| 1 | 1 | Diagnosis | 20850 | Pericarditis - traumatic | Cardiovascular system finding, Inflammatory disorder finding, Trauma | 0 | 1 |
| 1 | 1 | Diagnosis | 20067 | Pericarditis (unspecified) | Cardiovascular system finding, Inflammatory disorder finding, Thoraci | 1 | 1 |
| 1 | 1 | Diagnosis | 20852 | Perineal laceration - first degree | Reproductive system finding, Traumatic episode finding, Wound findir | 0 | 1 |
| 1 | 1 | Diagnosis | 20853 | Perineal laceration - second degree | Reproductive system finding, Traumatic episode finding, Wound findir | 0 | 1 |
| 1 | 1 | Diagnosis | 20854 | Perineal laceration - third degree | Reproductive system finding, Traumatic episode finding, Wound findir | 0 | 1 |
| 1 | 1 | Diagnosis | 20851 | Perineal laceration (degree unspecified) | Reproductive system finding, Traumatic episode finding, Wound findir | 0 | 1 |
| 1 | 1 | Diagnosis | 1658 | Periodontal disease | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1659 | Periodontitis | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 1 | 1 |
| 1 | 1 | Diagnosis | 1651 | Peripheral neuritis | Nervous system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20856 | Peripheral neuropathy - femoral neuropathy | Nervous system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20857 | Peripheral neuropathy - median neuropathy | Nervous system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20858 | Peripheral neuropathy - musculocutaneous neuropathy | Nervous system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20859 | Peripheral neuropathy - obturator/sciatic paralysis | Nervous system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20860 | Peripheral neuropathy - peroneal neuropathy | Nervous system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1653 | Peripheral neuropathy - radial neuropathy | Nervous system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1654 | Peripheral neuropathy - sciatic neuropathy | Nervous system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20861 | Peripheral neuropathy - suprascapular neuropathy (Sweeney) | Nervous system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20862 | Peripheral neuropathy - tibial neuropathy | Nervous system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1655 | Peripheral neuropathy - ulnar neuropathy | Nervous system finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20069 | Peripheral neuropathy (unspecified) | Nervous system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1656 | Peripheral neuropathy, endocrinopathy-related | Nervous system finding, Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1657 | Peripheral neuropathy, idiopathic | Nervous system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15597 | Peripheral oedema | Soft tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21633 | Peritoneal (abdominal) effusion (unspecified) | Abdominal finding, Effusion finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20863 | Peritonitis (unspecified) | Inflammatory disorder finding, Abdominal finding, Effusion finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22217 | Peritonitis, aseptic | Inflammatory disorder finding, Abdominal finding, Effusion finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1661 | Peritonitis, chemical - biliary | Hepatobiliary system finding, Inflammatory disorder finding, Abdomina | 1 | 1X |
| 1 | 1 | Diagnosis | 22212 | Peritonitis, septic | Infectious disorder finding, Inflammatory disorder finding, Abdominal f | 1 | 1 |
| 1 | 1 | Diagnosis | 22213 | Peritonitis, septic - bacterial | Infectious disorder finding, Inflammatory disorder finding, Abdominal f | 1 | 0 |
| 1 | 1 | Diagnosis | 22214 | Peritonitis, septic - bacterial, faecal | Infectious disorder finding, Inflammatory disorder finding, Abdominal f | 1 | 0 |
| 1 | 1 | Diagnosis | 22215 | Peritonitis, septic - purulent | Infectious disorder finding, Inflammatory disorder finding, Abdominal f | 1 | 0 |
| 1 | 1 | Diagnosis | 20865 | Persistent hymen | Urogenital system finding, Reproductive system finding, Congenital fi | 0 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|--|--------------|--------|
| 1 | 1 | Diagnosis | 7382 | Persistent left cranial vena cava | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1667 | Persistent right aortic arch (PRAA) | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1668 | Phaeochromocytoma | Endocrine/Metabolic finding, Abdominal finding, Mass lesion/swelling | 1 | 1 |
| 1 | 1 | Diagnosis | 20866 | Pharyngeal cyst | Respiratory system finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1669 | Pharyngeal injury | Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20867 | Pharyngeal lymphoid hyperplasia (follicular hyperplasia) | Respiratory system finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1670 | Pharyngeal obstruction | Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20868 | Pharyngeal paralysis | Respiratory system finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1671 | Pharyngitis | Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1672 | Pharyngitis - infectious | Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20869 | Pharyngitis - traumatic | Respiratory system finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 9651 | Phenobarbital responsive hypersialosis | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20870 | Phimosis | Urogenital system finding, Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20871 | Phlebitis | Cardiovascular system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 7026 | Phosphofructokinase (PFK) deficiency | Endocrine/Metabolic finding, Hereditary disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20872 | Photodermatitis - photosensitisation (unspecified) | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20873 | Photodermatitis - photosensitisation, hepatogenous | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20874 | Photodermatitis - photosensitisation, primary | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20875 | Photodermatitis - sunburn | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19770 | Phthisis bulbi | Ophthalmology/Vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1673 | Physal disorder - premature physal closure | Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20877 | Phytitis - stifle | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20878 | Phytitis - tarsus | Musculoskeletal system finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20876 | Phytitis (site unspecified) | Musculoskeletal system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21167 | Pica (Problem behaviour) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21643 | Pigmentary keratopathy | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17304 | Pilonatrixoma | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1674 | Pinnal alopecia | Haircoat/skin (+ appendages) finding, Auditory system finding, Head finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1675 | Pituitary macroadenoma | Nervous system finding, Endocrine/Metabolic finding, Mass lesion/swelling | 1 | 0 |
| 1 | 1 | Diagnosis | 1676 | Pituitary microadenoma | Nervous system finding, Endocrine/Metabolic finding, Mass lesion/swelling | 1 | 0 |
| 1 | 1 | Diagnosis | 20879 | Pituitary Pars Intermedia Dysfunction (PPID) | Endocrine/Metabolic finding, Nervous system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20881 | Placentitis | Reproductive system finding, Inflammatory disorder finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22317 | Placentitis - generalised | Reproductive system finding, Inflammatory disorder finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22318 | Placentitis - localised | Reproductive system finding, Inflammatory disorder finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 17307 | Plasmacytoma - cutaneous (skin) | Haircoat/skin (+ appendages) finding, Lymphatic system finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17309 | Plasmacytoma - gastrointestinal | Alimentary tract/Digestive system finding, Lymphatic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17313 | Plasmacytoma - mucocutaneous | Haircoat/skin (+ appendages) finding, Soft tissue finding, Lymphatic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17311 | Plasmacytoma - mucosal | Soft tissue finding, Lymphatic system finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17315 | Plasmacytoma - oral (mouth) | Alimentary tract/Digestive system finding, Lymphatic system finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16461 | Plasmacytoma (site unspecified) | Lymphatic system finding, Immune system finding, Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21773 | Plasmoma (third eyelid/nictitating membrane lymphoplasmacytic infiltration) | Ophthalmology/vision finding, Soft tissue finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1678 | Pleural effusion | Effusion finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1679 | Pleural effusion - neoplastic | Effusion finding, Thoracic finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1680 | Pleuritis | Inflammatory disorder finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20882 | Pleuritis - bacteria | Inflammatory disorder finding, Infectious disorder finding, Thoracic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 10098 | Pleuroperitoneal hernia | Musculoskeletal system finding, Congenital finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20883 | Pleuropneumonia | Respiratory system finding, Inflammatory disorder finding, Thoracic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20884 | Pleuropneumonia - bacterial | Respiratory system finding, Inflammatory disorder finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19906 | Pneumocranium | Musculoskeletal system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19907 | Pneumocranium - tension pneumocranium | Musculoskeletal system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1681 | Pneumomediastinum | Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1683 | Pneumonia - aspiration | Respiratory system finding, Inflammatory disorder finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1684 | Pneumonia - bacterial | Respiratory system finding, Inflammatory disorder finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22228 | Pneumonia - bacterial, rhodococcal | Respiratory system finding, Inflammatory disorder finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1685 | Pneumonia - bronchopneumonia | Respiratory system finding, Inflammatory disorder finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20073 | Pneumonia - infectious (unspecified) | Respiratory system finding, Inflammatory disorder finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1687 | Pneumonia - interstitial | Respiratory system finding, Inflammatory disorder finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1688 | Pneumonia - lobar | Respiratory system finding, Inflammatory disorder finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1689 | Pneumonia - non-infectious | Respiratory system finding, Inflammatory disorder finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1690 | Pneumonia - parasitic | Respiratory system finding, Inflammatory disorder finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20885 | Pneumonia - protozoal | Respiratory system finding, Inflammatory disorder finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20886 | Pneumonia - viral | Respiratory system finding, Inflammatory disorder finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20071 | Pneumonia (unspecified) | Respiratory system finding, Inflammatory disorder finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1691 | Pneumonia due to Pneumocystis carinii infection | Respiratory system finding, Inflammatory disorder finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1692 | Pneumonitis - uraemic | Respiratory system finding, Inflammatory disorder finding, Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1693 | Pneumoperitoneum | Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1694 | Pneumoretroperitoneum | Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1695 | Pneumothorax | Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1696 | Pneumothorax - spontaneous | Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1697 | Pneumothorax - tension pneumothorax | Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1698 | Pneumothorax - traumatic | Traumatic episode finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20887 | Pneumovagina | Urogenital system finding, Reproductive system finding, Pelvic structure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1699 | Pododermatitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20888 | Pododermatitis - aseptic | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1700 | Pododermatitis - infectious | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1701 | Pododermatitis - plasma cell | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1703 | Polyarthritides | Musculoskeletal system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1704 | Polyarthritides - erosive | Musculoskeletal system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1705 | Polyarthritides - idiopathic | Musculoskeletal system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1706 | Polyarthritides - infectious | Musculoskeletal system finding, Inflammatory disorder finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1707 | Polyarthritides, acute | Musculoskeletal system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1708 | Polyarthritides, chronic | Musculoskeletal system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1709 | Polyarthropathy | Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1710 | Polyarthropathy - immune-mediated | Musculoskeletal system finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1702 | Polycystic ovary(ies) | Urogenital system finding, Reproductive system finding, Mass lesion/swelling | 1 | 1 |
| 1 | 1 | Diagnosis | 16463 | Polycythaemia (type unspecified) | Haematopoietic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1713 | Polycythaemia, secondary | Haematopoietic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19081 | Polydactyly | Congenital finding, Limb finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21759 | Polymicrogyria | Nervous system finding, Head and neck finding, Hereditary disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1714 | Polymyositis | Musculoskeletal system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1715 | Polyneuritis | Nervous system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1716 | Polyneuropathy | Nervous system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1717 | Polyneuropathy - toxic | Nervous system finding, Intoxication (poisoning)/toxin exposure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1720 | Polyp - anal | Alimentary tract/Digestive system finding, Soft tissue finding, Mass lesion/swelling | 1 | 0 |
| 1 | 1 | Diagnosis | 17975 | Polyp - ear canal | Auditory system finding, Soft tissue finding, Mass lesion/swelling | 1 | 0 |
| 1 | 1 | Diagnosis | 1721 | Polyp - laryngeal | Respiratory system finding, Soft tissue finding, Mass lesion/swelling | 1 | 0 |
| 1 | 1 | Diagnosis | 1722 | Polyp - middle ear | Auditory system finding, Soft tissue finding, Mass lesion/swelling | 1 | 0 |
| 1 | 1 | Diagnosis | 1723 | Polyp - nasal (nose) | Respiratory system finding, Soft tissue finding, Mass lesion/swelling | 1 | 0 |
| 1 | 1 | Diagnosis | 1724 | Polyp - nasopharyngeal | Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1725 | Polyp - rectal | Alimentary tract/Digestive system finding, Soft tissue finding, Mass lesion/swelling | 1 | 1 |
| 1 | 1 | Diagnosis | 1726 | Polyp - urethral | Urogenital system finding, Soft tissue finding, Mass lesion/swelling | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|--|--|--------------|--------|
| 1 | 1 | Diagnosis | 1727 | Polyp - urinary bladder | Urogenital system finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16465 | Polyp (site unspecified) | Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1718 | Polyradiculoneuropathy | Nervous system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21172 | Poor energy level (Behaviour assessment) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21171 | Poor trainability (Behaviour assessment) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11001 | Portosystemic (portosystemic, portacaval) shunt - acquired | Cardiovascular system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11002 | Portosystemic (portosystemic, portacaval) shunt - congenital | Cardiovascular system finding, Congenital finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11003 | Portosystemic (portosystemic, portacaval) shunt - congenital extra-hepatic | Cardiovascular system finding, Congenital finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11004 | Portosystemic (portosystemic, portacaval) shunt - congenital intra-hepatic | Cardiovascular system finding, Congenital finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11005 | Portosystemic (portosystemic, portacaval) shunt - extrahepatic | Cardiovascular system finding, Congenital finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11006 | Portosystemic (portosystemic, portacaval) shunt - intrahepatic | Cardiovascular system finding, Congenital finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11007 | Portosystemic (portosystemic, portacaval) shunt disorder | Cardiovascular system finding, Congenital finding, Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20889 | Post-anaesthetic myelomalacia | Nervous system finding, Complication of medical care finding, Anaesthesia | 0 | 1 |
| 1 | 1 | Diagnosis | 20890 | Post-anaesthetic myopathy | Musculoskeletal system finding, Complication of medical care finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1735 | Post-clipping alopecia | Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 17971 | Post-operative complication - excessive bruising | Complication of medical care finding, Wound finding, Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17969 | Post-operative complication - excessive pain | Complication of medical care finding, Nervous system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17973 | Post-operative complication - excessive swelling | Complication of medical care finding, Wound finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1737 | Post-operative complication - gastrointestinal anastomotic dehiscence | Complication of medical care finding, Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1738 | Post-operative complication - haemorrhage | Complication of medical care finding, Cardiovascular system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1739 | Post-operative complication - incisional hernia | Complication of medical care finding, Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1740 | Post-operative complication - infection | Complication of medical care finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1741 | Post-operative complication - infection with septicaemia | Complication of medical care finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 17961 | Post-operative complication - other | Complication of medical care finding | 1 | 1 |
| 1 | 1 | Diagnosis | 17967 | Post-operative complication - self-trauma | Complication of medical care finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20891 | Post-operative complication - Short bowel syndrome | Complication of medical care finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21699 | Post-operative complication - suture (stitch) reaction | Complication of medical care finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17965 | Post-operative complication - vomiting | Alimentary tract/Digestive system finding, Complication of medical care finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1742 | Post-operative complication - wound breakdown | Complication of medical care finding, Wound finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1743 | Post-operative complication - wound infection | Complication of medical care finding, Wound finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1744 | Post-operative complication - wound infection with MRSA | Complication of medical care finding, Wound finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1745 | Post-operative complication - wound necrosis | Complication of medical care finding, Wound finding | 1 | 1 |
| 1 | 1 | Diagnosis | 9524 | Post-operative complication - wound seroma | Complication of medical care finding, Wound finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20892 | Post-parturient haemoglobinuria | Reproductive system finding, Haematopoietic system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20894 | Post-testicular surgery complication - evisceration | Complication of medical care finding, Wound finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20895 | Post-testicular surgery complication - haemorrhage | Complication of medical care finding, Cardiovascular system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20896 | Post-testicular surgery complication - oedema | Complication of medical care finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20897 | Post-testicular surgery complication - scirrhous cord | Complication of medical care finding, Infectious disorder finding, Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20898 | Post-testicular surgery complication - septic funiculitis | Complication of medical care finding, Infectious disorder finding, Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20899 | Post-testicular surgery complication - septic peritonitis | Complication of medical care finding, Infectious disorder finding, Inflammation | 0 | 1 |
| 1 | 1 | Diagnosis | 20900 | Post-testicular surgery complication - wound infection | Complication of medical care finding, Wound finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20893 | Post-testicular surgery complication (unspecified) | Complication of medical care finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1746 | Poxvirus infection | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1747 | Preauricular alopecia | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1748 | Pregnancy | Reproductive system finding | 1 | 1X |
| 1 | 1 | Diagnosis | 22219 | Pregnancy - single | Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22221 | Pregnancy - twins | Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20901 | Pregnancy toxemia | Reproductive system finding, Endocrine/Metabolic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1749 | Premature epiphyseal closure | Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20902 | Premature placental separation | Reproductive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20903 | Prepubic tendon rupture | Musculoskeletal system finding, Connective tissue finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20904 | Prepubic tendon rupture - pregnancy-related | Reproductive system finding, Musculoskeletal system finding, Connective tissue finding | 0 | 1 |
| 1 | 1 | Diagnosis | 7397 | Prepuce disorder | Urogenital system finding, Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20905 | Prepuce disorder - traumatic injury | Urogenital system finding, Reproductive system finding, Traumatic episode finding | 0 | 1 |
| 1 | 1 | Diagnosis | 11099 | Pressure-related skin lesion (pressure sore) | Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21778 | Pressure-related skin lesion (pressure sore) - decubitus/decubital ulcer | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20906 | Priapism | Urogenital system finding, Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 5862 | Primary hyperaldosteronism | Endocrine/Metabolic finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21914 | Primary secretory otitis media (PSOM) in Cavalier King Charles Spaniel | Auditory system finding, Inflammatory disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21154 | Problem behaviour (unspecified) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4573 | PROBLEM NOT IDENTIFIED | Clinical finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1750 | Proctitis | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2123 | Progesterone deficiency | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1751 | Progressive retinal atrophy (PRA) | Ophthalmology/vision finding, Hereditary disorder finding, Degenerative disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1752 | Prostatic cyst | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1753 | Prostatic disorder | Urogenital system finding, Reproductive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1754 | Prostatitis | Urogenital system finding, Reproductive system finding, Inflammation | 1 | 1 |
| 1 | 1 | Diagnosis | 1755 | Prostatomegaly | Urogenital system finding, Reproductive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1756 | Protein-losing enteropathy (PLE) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19767 | Protein-losing enteropathy (PLE)(CCECAI ≥12) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19763 | Protein-losing enteropathy (PLE)(CCECAI 0-3) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19764 | Protein-losing enteropathy (PLE)(CCECAI 4-5) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19765 | Protein-losing enteropathy (PLE)(CCECAI 6-8) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19766 | Protein-losing enteropathy (PLE)(CCECAI 9-11) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19762 | Protein-losing enteropathy (PLE)(CCECAI unknown/unspecified) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11749 | Protein-losing nephropathy (PLN) - azotaemic | Urogenital system finding, Endocrine/Metabolic finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 11751 | Protein-losing nephropathy (PLN) - non-azotaemic | Urogenital system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 11747 | Protein-losing nephropathy (PLN) (azotaemia unspecified) | Urogenital system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1758 | Pseudohyperparathyroidism | Endocrine/Metabolic finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21967 | Pseudopelade | Haircoat/skin (+ appendages) finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22015 | Pseudophakia | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21651 | Pseudopregnancy (phantom/false pregnancy) | Reproductive system finding, Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21787 | Psychogenic alopecia | Nervous system finding, Haircoat/skin (+ appendages) finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1761 | Psychogenic dermatosis | Haircoat/skin (+ appendages) finding, Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1762 | Psychogenic dysuria | Urogenital system finding, Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1763 | Psychogenic polydipsia | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1764 | Ptoisis | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21915 | Pulmonary (lung) atelectasis | Respiratory system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21754 | Pulmonary (lung) bleb(s) | Respiratory system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21755 | Pulmonary (lung) bulla(e) | Respiratory system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1765 | Pulmonary artery aneurysm | Cardiovascular system finding, Respiratory system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1766 | Pulmonary contusion | Respiratory system finding, Traumatic episode finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1767 | Pulmonary emphysema | Respiratory system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1768 | Pulmonary fibrosis | Respiratory system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1769 | Pulmonary fibrosis, idiopathic | Respiratory system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1770 | Pulmonary haemorrhage | Cardiovascular system finding, Respiratory system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1772 | Pulmonary oedema | Respiratory system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1773 | Pulmonary oedema - cardiogenic | Cardiovascular system finding, Respiratory system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1774 | Pulmonary oedema - non-cardiogenic | Respiratory system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1775 | Pulmonic valve regurgitation/insufficiency | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1776 | Pulmonic valve stenosis | Cardiovascular system finding, Thoracic finding | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|--|--|--------------|--------|
| 1 | 1 | Diagnosis | 1777 | Pure red cell aplasia | Haematopoietic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1778 | Pyelectasia | Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1779 | Pyelonephritis | Urogenital system finding, Inflammatory disorder finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 5773 | Pyloric stenosis | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 5775 | Pyloric stenosis - congenital | Alimentary tract/Digestive system finding, Congenital finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1780 | Pyoderma | Haircoat/skin (+ appendages) finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1781 | Pyoderma - botryomycosis | Haircoat/skin (+ appendages) finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1782 | Pyoderma - deep | Haircoat/skin (+ appendages) finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1783 | Pyoderma - mucocutaneous | Haircoat/skin (+ appendages) finding, Soft tissue finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1784 | Pyoderma - superficial | Haircoat/skin (+ appendages) finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1785 | Pyometra | Reproductive system finding, Infectious disorder finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21654 | Pyrexia of unknown origin (Fever of unknown origin; PUO/FUO) | Body temperature finding | 1 | 1 |
| 1 | 1 | Diagnosis | 7024 | Pyruvate kinase (PK) deficiency | Endocrine/Metabolic finding, Hereditary disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20907 | Pythiosis | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1787 | Rabies | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1788 | Rathke's pouch cyst | Nervous system finding, Endocrine/Metabolic finding, Congenital finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1789 | Rectal prolapse | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1790 | Rectal stricture | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20910 | Rectal tear - grade I | Alimentary tract/Digestive system finding, Abdominal finding, Trauma finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20911 | Rectal tear - grade II | Alimentary tract/Digestive system finding, Abdominal finding, Trauma finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20912 | Rectal tear - grade IIIa | Alimentary tract/Digestive system finding, Abdominal finding, Trauma finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20913 | Rectal tear - grade IIIb | Alimentary tract/Digestive system finding, Abdominal finding, Trauma finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20914 | Rectal tear - grade IV | Alimentary tract/Digestive system finding, Abdominal finding, Trauma finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20909 | Rectal tear (grade unspecified) | Alimentary tract/Digestive system finding, Abdominal finding, Trauma finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20916 | Rectovaginal fistula - congenital | Alimentary tract/Digestive system finding, Abdominal finding, Urogenital finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20917 | Rectovaginal fistula - traumatic | Alimentary tract/Digestive system finding, Abdominal finding, Urogenital finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20915 | Rectovaginal fistula (unspecified) | Alimentary tract/Digestive system finding, Abdominal finding, Urogenital finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22225 | Recurrent airway obstruction (RAO) (Chronic obstructive pulmonary disease) | Respiratory system finding, Inflammatory disorder finding, Thoracic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21959 | Redundant alar fold | Respiratory system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1791 | Refeeding syndrome | Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17982 | Regurgitation during/post-anaesthesia | Alimentary tract/Digestive system finding, Complication of medical care finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11765 | Renal (kidney) anomaly, congenital - aplasia | Urogenital system finding, Congenital finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 11767 | Renal (kidney) anomaly, congenital - dysgenesis | Urogenital system finding, Congenital finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1795 | Renal (kidney) anomaly, congenital - dysplasia | Urogenital system finding, Congenital finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1796 | Renal (kidney) anomaly, congenital - hypoplasia | Urogenital system finding, Congenital finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1797 | Renal (kidney) anomaly, congenital - Polycystic kidney disease (PKD) | Urogenital system finding, Congenital finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 11763 | Renal (kidney) anomaly, congenital (unspecified) | Urogenital system finding, Congenital finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 16776 | Renal (kidney) cyst | Urogenital system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4334 | Renal (kidney) disorder | Urogenital system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 8372 | Renal tubular glucosuria | Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15583 | Respiratory acidosis | Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15585 | Respiratory alkalosis | Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1806 | Respiratory failure | Respiratory system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1808 | Respiratory tract infection - bacterial | Respiratory system finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1809 | Respiratory tract infection - fungal | Respiratory system finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1810 | Respiratory tract infection - parasitic | Respiratory system finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1811 | Respiratory tract infection - viral | Respiratory system finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20075 | Respiratory tract infection (unspecified) | Respiratory system finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1812 | Respiratory tract infection, lower (LRTI) | Respiratory system finding, Infectious disorder finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1813 | Respiratory tract infection, upper (URTI) | Respiratory system finding, Infectious disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1814 | Respiratory tract obstruction, lower | Respiratory system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1815 | Respiratory tract obstruction, upper | Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2124 | Retained deciduous tooth | Alimentary tract/Digestive system finding, Developmental disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22226 | Retained fetal membranes (RFM)(Retained placenta) | Reproductive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1817 | Retinal atrophy/degeneration - focal | Ophthalmology/vision finding, Degenerative disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1818 | Retinal atrophy/degeneration - generalised | Ophthalmology/vision finding, Degenerative disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1819 | Retinal atrophy/degeneration - multifocal | Ophthalmology/vision finding, Degenerative disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20919 | Retinal atrophy/degeneration (unspecified) | Ophthalmology/vision finding, Degenerative disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21696 | Retinal dysplasia - complete | Ophthalmology/vision finding, Head and neck finding, Developmental finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21694 | Retinal dysplasia - folds | Ophthalmology/vision finding, Head and neck finding, Developmental finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21695 | Retinal dysplasia - geographical | Ophthalmology/vision finding, Head and neck finding, Developmental finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21693 | Retinal dysplasia (unspecified) | Ophthalmology/vision finding, Head and neck finding, Developmental finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1820 | Retinal haemorrhage | Ophthalmology/vision finding, Cardiovascular system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1821 | Retinal separation/detachment | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1822 | Retinopathy (retinal disorder) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1823 | Retinopathy (retinal disorder) - hypertensive | Ophthalmology/vision finding, Cardiovascular system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 18039 | Retroperitoneal haemorrhage | Cardiovascular system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1824 | Reverse sneezing | Respiratory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1825 | Rhabdomyolysis | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1826 | Rhabdomyolysis - exertional | Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20921 | Rhabdomyolysis - exertional, recurrent | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 17317 | Rhabdomyoma | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20922 | Rhabdomyosarcoma - tongue (lingual) | Musculoskeletal system finding, Connective tissue finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20077 | Rhabdomyosarcoma (unspecified) | Musculoskeletal system finding, Connective tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1827 | Rheumatoid arthritis (RA) | Musculoskeletal system finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1829 | Rhinitis - acute | Respiratory system finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1830 | Rhinitis - chronic | Respiratory system finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1831 | Rhinitis - lymphoplasmacytic | Respiratory system finding, Inflammatory disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20079 | Rhinitis (unspecified) | Respiratory system finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1832 | Rhinitis, allergic | Respiratory system finding, Inflammatory disorder finding, Immune system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20923 | Rhinitis, inclusion body | Respiratory system finding, Inflammatory disorder finding, Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1833 | Rhinitis, infectious - bacterial | Respiratory system finding, Inflammatory disorder finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1834 | Rhinitis, infectious - fungal | Respiratory system finding, Inflammatory disorder finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1835 | Rhinitis, infectious - viral | Respiratory system finding, Inflammatory disorder finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20924 | Rhinopneumonitis | Infectious disorder finding, Respiratory system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20925 | Rhodococcus equi infection | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20927 | Right dorsal colitis (RDC) | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20928 | Rostral displacement of the palatopharyngeal arch | Respiratory system finding, Head and neck finding, Congenital finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19910 | Rotavirus infection | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20929 | Rupture of ventral straight muscles (longus capitis mm) of head | Musculoskeletal system finding, Traumatic episode finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20930 | Salivary gland disorder - atresia of parotid salivary duct | Alimentary tract/Digestive system finding, Head and neck finding, Congenital finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20931 | Salivary gland disorder - Idiopathic parotiditis (Grass glands) | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19913 | Salivary gland disorder (unspecified) | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19914 | Salivary gland traumatic injury | Alimentary tract/Digestive system finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 9537 | Salivary mucocele (sialocele) | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1836 | Salmonellosis | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22319 | Salmonellosis - acute | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22320 | Salmonellosis - chronic | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1837 | Salmonellosis - gastrointestinal | Alimentary tract/Digestive system finding, Infectious disorder finding | 1 | 1X |
| 1 | 1 | Diagnosis | 1838 | Salmonellosis - systemic | Infectious disorder finding | 1 | 1X |
| 1 | 1 | Diagnosis | 20932 | Salpingitis | Reproductive system finding, Inflammatory disorder finding, Abdominal finding | 0 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|--|---|--------------|--------|
| 1 | 1 | Diagnosis | 20933 | Salt poisoning (Water deprivation) | Intoxication (poisoning)/toxin exposure finding, Endocrine/Metabolic f | 0 | 1 |
| 1 | 1 | Diagnosis | 20934 | Sand cracks | Haircoat/skin (+ appendages) finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19915 | Sarcocystis neurona infection | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20936 | Sarcoid - axilla | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, Th | 0 | 1 |
| 1 | 1 | Diagnosis | 20937 | Sarcoid - groin | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, AI | 0 | 1 |
| 1 | 1 | Diagnosis | 20939 | Sarcoid - head - eyelid | Haircoat/skin (+ appendages) finding, Ophthalmology/vision finding, N | 0 | 1 |
| 1 | 1 | Diagnosis | 20940 | Sarcoid - head - lip | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, H | 0 | 1 |
| 1 | 1 | Diagnosis | 20941 | Sarcoid - head - periocular | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, H | 0 | 1 |
| 1 | 1 | Diagnosis | 20942 | Sarcoid - head - pinna | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, H | 0 | 1 |
| 1 | 1 | Diagnosis | 20938 | Sarcoid - head (unspecified) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, H | 0 | 1 |
| 1 | 1 | Diagnosis | 20943 | Sarcoid - limb | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, LI | 0 | 1 |
| 1 | 1 | Diagnosis | 20944 | Sarcoid - penis/prepuce | Haircoat/skin (+ appendages) finding, Urogenital system finding, Rep | 0 | 1 |
| 1 | 1 | Diagnosis | 20945 | Sarcoid - perianal | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, P | 0 | 1 |
| 1 | 1 | Diagnosis | 20946 | Sarcoid - scrotum | Haircoat/skin (+ appendages) finding, Urogenital system finding, Rep | 0 | 1 |
| 1 | 1 | Diagnosis | 20947 | Sarcoid - ventral trunk | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20935 | Sarcoid (site unspecified) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20948 | Sarcoid (type unspecified) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20949 | Sarcoid, fibroblastic | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20950 | Sarcoid, malevolent/malignant | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20951 | Sarcoid, mixed type | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20953 | Sarcoid, nodular | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20952 | Sarcoid, occult/flat | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20954 | Sarcoid, verrucous | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20955 | Sarcoidosis (Generalised granulomatous dermatitis) | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 17321 | Sarcoma - round cell/spindle cell | Connective tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1840 | Sarcoma - soft tissue | Connective tissue finding, Soft tissue finding, Mass lesion/swelling fi | 1 | 0 |
| 1 | 1 | Diagnosis | 1841 | Sarcoma - synovial | Connective tissue finding, Musculoskeletal system finding, Mass lesi | 1 | 0 |
| 1 | 1 | Diagnosis | 17323 | Sarcoma - undifferentiated/anaplastic | Connective tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16468 | Sarcoma (site unspecified) | Connective tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16469 | Sarcoma (type unspecified) | Connective tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 18035 | SCCED (Spontaneous Chronic Corneal Epithelial Defect) | Ophthalmology/vision finding, Inflammatory disorder finding, Head and | 1 | 1 |
| 1 | 1 | Diagnosis | 1842 | Schnauzer comedo syndrome | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17270 | Schwannoma (neurilemmoma) | Nervous system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 5778 | Scleral injury | Ophthalmology/vision finding, Traumatic episode finding, Head and ne | 1 | 1 |
| 1 | 1 | Diagnosis | 1843 | Scleroderma | Connective tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9677 | Sclerosing enteropathy | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1844 | Scottie cramp | Nervous system finding, Hereditary disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 7407 | Scrotal disorder | Urogenital system finding, Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20956 | Scrotal haematocoele | Urogenital system finding, Reproductive system finding, Mass lesion/ | 0 | 1 |
| 1 | 1 | Diagnosis | 20957 | Scrotal oedema | Urogenital system finding, Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21917 | Seasonal canine illness (SCI) | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 1 | 0 |
| 1 | 1 | Diagnosis | 1845 | Sebaceous adenitis | Haircoat/skin (+ appendages) finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1846 | Sebaceous adenitis and mural folliculitis | Haircoat/skin (+ appendages) finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4565 | Second degree AV block | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20958 | Second degree AV block - advanced | Cardiovascular system finding, Thoracic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22321 | Seedy toe | Haircoat/skin (+ appendages) finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1847 | Seizure disorder | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20959 | Selective IgM deficiency | Immune system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20960 | Seminal vesiculitis | Reproductive system finding, Inflammatory disorder finding, Pelvic st | 0 | 1 |
| 1 | 1 | Diagnosis | 1848 | Seminoma | Urogenital system finding, Reproductive system finding, Mass lesion/ | 1 | 1 |
| 1 | 1 | Diagnosis | 20962 | Separate centre of ossification - distal phalanx | Musculoskeletal system finding, Developmental disorder finding, Limb | 0 | 1 |
| 1 | 1 | Diagnosis | 20961 | Separate centre of ossification (site unspecified) | Musculoskeletal system finding, Developmental disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21163 | Separation-related behaviour (Problem behaviour) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1849 | Sepsis | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1850 | Septic shock | Infectious disorder finding, Cardiovascular system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1851 | Septicaemia | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1852 | Septicaemia - coliform | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20963 | Septicaemia - neonatal | Infectious disorder finding, Neonatal problem/disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1853 | Septicaemia - streptococcal | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1855 | Sertoli-cell tumour | Urogenital system finding, Reproductive system finding, Mass lesion/ | 1 | 1 |
| 1 | 1 | Diagnosis | 20971 | Serum hepatitis (Theiler's disease) | Hepatobiliary system finding, Inflammatory disorder finding, Abdomi | 0 | 1 |
| 1 | 1 | Diagnosis | 20965 | Sesamoiditis - fetlock | Musculoskeletal system finding, Inflammatory disorder finding, Limb f | 0 | 1 |
| 1 | 1 | Diagnosis | 20964 | Sesamoiditis (site unspecified) | Musculoskeletal system finding, Inflammatory disorder finding, Limb f | 0 | 1 |
| 1 | 1 | Diagnosis | 10096 | Shar Pei Fever | Hereditary disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22329 | Sheared heels | Haircoat/skin (+ appendages) finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20967 | Shivers | Nervous system finding, Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20968 | Shoulder dysplasia | Musculoskeletal system finding, Limb finding, Developmental disorder | 0 | 1 |
| 1 | 1 | Diagnosis | 1856 | Sialoadenitis | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 1 | 1 |
| 1 | 1 | Diagnosis | 1857 | Sialoadenitis - submandibular gland | Alimentary tract/Digestive system finding, Inflammatory disorder findi | 1 | 0 |
| 1 | 1 | Diagnosis | 1859 | Sialolithiasis | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1860 | Sick sinus syndrome | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20969 | Sinoatrial block | Cardiovascular system finding, Thoracic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 7374 | Sinus arrest | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20970 | Sinus arrhythmia | Cardiovascular system finding, Thoracic finding | 0 | 1 |
| 1 | 1 | Diagnosis | 7376 | Sinus bradycardia | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20977 | Sinusitis - caudal maxillary | Respiratory system finding, Inflammatory disorder finding, Head and | 0 | 1 |
| 1 | 1 | Diagnosis | 20978 | Sinusitis - frontal sinus | Respiratory system finding, Inflammatory disorder finding, Head and | 0 | 1 |
| 1 | 1 | Diagnosis | 20979 | Sinusitis - rostral maxillary | Respiratory system finding, Inflammatory disorder finding, Head and | 0 | 1 |
| 1 | 1 | Diagnosis | 20980 | Sinusitis - sphenopalatine | Respiratory system finding, Inflammatory disorder finding, Head and | 0 | 1 |
| 1 | 1 | Diagnosis | 22331 | Sinusitis - ventral conchal sinus | Respiratory system finding, Inflammatory disorder finding, Head and | 0 | 1 |
| 1 | 1 | Diagnosis | 20081 | Sinusitis (unspecified) | Respiratory system finding, Inflammatory disorder finding, Head and | 1 | 1 |
| 1 | 1 | Diagnosis | 20972 | Sinusitis, acute | Respiratory system finding, Inflammatory disorder finding, Head and | 0 | 1 |
| 1 | 1 | Diagnosis | 20973 | Sinusitis, chronic | Respiratory system finding, Inflammatory disorder finding, Head and | 0 | 1 |
| 1 | 1 | Diagnosis | 20974 | Sinusitis, primary | Respiratory system finding, Inflammatory disorder finding, Head and | 0 | 1 |
| 1 | 1 | Diagnosis | 20975 | Sinusitis, secondary | Respiratory system finding, Inflammatory disorder finding, Head and | 0 | 1 |
| 1 | 1 | Diagnosis | 20976 | Sinusitis, secondary to dental disease | Alimentary tract/Digestive system finding, Respiratory system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1862 | Skin (cutaneous) cyst | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21799 | Skin (cutaneous) disorder - excessive scaling (" dandruff ") | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20083 | Skin (cutaneous) disorder (unspecified) | Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1865 | Skin (cutaneous) disorder, bacterial | Haircoat/skin (+ appendages) finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1866 | Skin (cutaneous) disorder, developmental/congenital | Haircoat/skin (+ appendages) finding, Developmental disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1867 | Skin (cutaneous) disorder, endocrine/metabolic | Haircoat/skin (+ appendages) finding, Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1868 | Skin (cutaneous) disorder, fungal | Haircoat/skin (+ appendages) finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1869 | Skin (cutaneous) disorder, immune-mediated | Haircoat/skin (+ appendages) finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1870 | Skin (cutaneous) disorder, parasitic | Haircoat/skin (+ appendages) finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1871 | Skin (cutaneous) disorder, pigmentary | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21824 | Skin (cutaneous)/subcutaneous soft tissue necrosis | Haircoat/skin (+ appendages) finding, Soft tissue finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19785 | Skin fold dermatitis (intertrigo) - lip fold | Haircoat/skin (+ appendages) finding, Infectious disorder finding, Infl | 1 | 0 |
| 1 | 1 | Diagnosis | 19786 | Skin fold dermatitis (intertrigo) - tail fold | Haircoat/skin (+ appendages) finding, Infectious disorder finding, Infl | 1 | 0 |
| 1 | 1 | Diagnosis | 19784 | Skin fold dermatitis (intertrigo)(site unspecified) | Haircoat/skin (+ appendages) finding, Infectious disorder finding, Infl | 1 | 0 |
| 1 | 1 | Diagnosis | 1872 | Slipped capital femoral epiphysis, slipped upper femoral epiphysis | Musculoskeletal system finding, Limb finding | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|--|--------------|--------|
| 1 | 1 | Diagnosis | 20981 | Small colon enterolithiasis | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20983 | Small colon faecalith | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20984 | Small colon foreign body | Foreign body finding, Alimentary tract/Digestive system finding, Abdo | 0 | 1 |
| 1 | 1 | Diagnosis | 20985 | Small colon herniation | Musculoskeletal system finding, Alimentary tract/Digestive system fir | 0 | 1 |
| 1 | 1 | Diagnosis | 20986 | Small colon intramural haematoma | Cardiovascular system finding, Alimentary tract/Digestive system find | 0 | 1 |
| 1 | 1 | Diagnosis | 20988 | Small colon obstruction with mesocolic rupture | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20989 | Small colon obstruction with pedunculated lipoma | Soft tissue finding, Mass lesion/swelling finding, Alimentary tract/Dige | 0 | 1 |
| 1 | 1 | Diagnosis | 20990 | Small colon phyto bezoar | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20991 | Small colon phytoconglobate | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20992 | Small colon phytotricho bezoar | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20993 | Small colon submucosal haematoma | Cardiovascular system finding, Alimentary tract/Digestive system find | 0 | 1 |
| 1 | 1 | Diagnosis | 20994 | Small colon tricho bezoar | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20996 | Small intestinal fibrosis | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20997 | Small intestinal gastrosplenic ligament incarceration | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 20999 | Small intestinal herniation - diaphragmatic hernia | Musculoskeletal system finding, Alimentary tract/Digestive system fir | 0 | 1 |
| 1 | 1 | Diagnosis | 21000 | Small intestinal herniation - inguinal hernia | Musculoskeletal system finding, Alimentary tract/Digestive system fir | 0 | 1 |
| 1 | 1 | Diagnosis | 21001 | Small intestinal herniation - umbilical hernia | Musculoskeletal system finding, Alimentary tract/Digestive system fir | 0 | 1 |
| 1 | 1 | Diagnosis | 20998 | Small intestinal herniation (unspecified) | Musculoskeletal system finding, Alimentary tract/Digestive system fir | 0 | 1 |
| 1 | 1 | Diagnosis | 21002 | Small intestinal obstruction with mesenteric rent | Alimentary tract/Digestive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21003 | Small intestinal obstruction with pedunculated lipoma | Soft tissue finding, Mass lesion/swelling finding, Alimentary tract/Dige | 0 | 1 |
| 1 | 1 | Diagnosis | 21004 | Small intestinal obstruction with vitelline anomaly | Alimentary tract/Digestive system finding, Abdominal finding, Congen | 0 | 1 |
| 1 | 1 | Diagnosis | 1873 | Smoke inhalation | Respiratory system finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1874 | Snake bite | Wound finding, Traumatic episode finding, Intoxication (poisoning)/tox | 1 | 1 |
| 1 | 1 | Diagnosis | 21675 | Soft tissue injury | Soft tissue finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21006 | Soft tissue swelling - carpus | Soft tissue finding, Musculoskeletal system finding, Mass lesion/swe | 0 | 1 |
| 1 | 1 | Diagnosis | 21007 | Soft tissue swelling - elbow | Soft tissue finding, Musculoskeletal system finding, Mass lesion/swe | 0 | 1 |
| 1 | 1 | Diagnosis | 21008 | Soft tissue swelling - proximal metacarpal region | Soft tissue finding, Mass lesion/swelling finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21009 | Soft tissue swelling - proximal metatarsal region | Soft tissue finding, Mass lesion/swelling finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21010 | Soft tissue swelling - shoulder | Soft tissue finding, Musculoskeletal system finding, Mass lesion/swe | 0 | 1 |
| 1 | 1 | Diagnosis | 21011 | Soft tissue swelling - stifle | Soft tissue finding, Musculoskeletal system finding, Mass lesion/swe | 0 | 1 |
| 1 | 1 | Diagnosis | 21012 | Soft tissue swelling - tarsus | Soft tissue finding, Musculoskeletal system finding, Mass lesion/swe | 0 | 1 |
| 1 | 1 | Diagnosis | 21013 | Soft tissue swelling - vertebral column | Soft tissue finding, Musculoskeletal system finding, Mass lesion/swe | 0 | 1 |
| 1 | 1 | Diagnosis | 21005 | Soft tissue swelling (site unspecified) | Soft tissue finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22332 | Solar (subsolar) haematoma | Haircoat/skin (+ appendages) finding, Cardiovascular system finding, | 0 | 1 |
| 1 | 1 | Diagnosis | 21014 | Solar penetration | Haircoat/skin (+ appendages) finding, Traumatic episode finding, Limb | 0 | 1 |
| 1 | 1 | Diagnosis | 21015 | Solar/subsolar bruising | Haircoat/skin (+ appendages) finding, Cardiovascular system finding, | 0 | 1 |
| 1 | 1 | Diagnosis | 21016 | Sole ulcer (Pododermatitis circumscripta) | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, L | 0 | 1 |
| 1 | 1 | Diagnosis | 21017 | Spermatic cord torsion | Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21018 | Spermatic cord varicoele | Reproductive system finding, Cardiovascular system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19833 | Spinal (vertebral column) anomaly, congenital - block vertebra(e) | Musculoskeletal system finding, Congenital finding, Spine (vertebral c | 1 | 1 |
| 1 | 1 | Diagnosis | 19834 | Spinal (vertebral column) anomaly, congenital - butterfly vertebra(e) | Musculoskeletal system finding, Congenital finding, Spine (vertebral c | 1 | 1 |
| 1 | 1 | Diagnosis | 19835 | Spinal (vertebral column) anomaly, congenital - hemivertebra(e) | Musculoskeletal system finding, Congenital finding, Spine (vertebral c | 1 | 1 |
| 1 | 1 | Diagnosis | 21019 | Spinal (vertebral column) anomaly, congenital - thoracic malformation | Musculoskeletal system finding, Congenital finding, Spine (vertebral c | 0 | 1 |
| 1 | 1 | Diagnosis | 20085 | Spinal (vertebral column) anomaly, congenital (unspecified) | Musculoskeletal system finding, Congenital finding, Spine (vertebral c | 1 | 1 |
| 1 | 1 | Diagnosis | 21020 | Spinal (vertebral column) disorder (unspecified) | Musculoskeletal system finding, Spine (vertebral column) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19916 | Spinal (vertebral column) injury | Musculoskeletal system finding, Traumatic episode finding, Spine (ve | 1 | 1 |
| 1 | 1 | Diagnosis | 1878 | Spinal cord anomaly, congenital | Nervous system finding, Congenital finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1880 | Spinal cord disorder - vascular myelopathy | Nervous system finding, Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21022 | Spinal cord disorder (myelopathy) - degenerative | Nervous system finding, Degenerative disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20087 | Spinal cord disorder (myelopathy)(unspecified) | Nervous system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1881 | Spinal cord injury | Nervous system finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1882 | Spinal stenosis | Nervous system finding, Musculoskeletal system finding, Spine (vert | 1 | 0 |
| 1 | 1 | Diagnosis | 1883 | Spinal stenosis - cervical | Nervous system finding, Musculoskeletal system finding, Spine (vert | 1 | 0 |
| 1 | 1 | Diagnosis | 1884 | Spinal stenosis - lumbar | Nervous system finding, Musculoskeletal system finding, Spine (vert | 1 | 0 |
| 1 | 1 | Diagnosis | 1885 | Spinal stenosis - lumbosacral | Nervous system finding, Musculoskeletal system finding, Spine (vert | 1 | 0 |
| 1 | 1 | Diagnosis | 1886 | Spinal stenosis - thoracic | Nervous system finding, Musculoskeletal system finding, Spine (vert | 1 | 0 |
| 1 | 1 | Diagnosis | 1887 | Splenic haematoma | Haematopoietic system finding, Cardiovascular system finding, Abdo | 1 | 1 |
| 1 | 1 | Diagnosis | 1888 | Splenic haemorrhage | Haematopoietic system finding, Cardiovascular system finding, Abdo | 1 | 1 |
| 1 | 1 | Diagnosis | 1889 | Splenic infarction | Haematopoietic system finding, Cardiovascular system finding, Abdo | 1 | 1 |
| 1 | 1 | Diagnosis | 1890 | Splenic rupture | Haematopoietic system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1891 | Splenic rupture - traumatic | Haematopoietic system finding, Traumatic episode finding, Abdomina | 1 | 0 |
| 1 | 1 | Diagnosis | 1892 | Splenic torsion | Haematopoietic system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1893 | Splenitis | Haematopoietic system finding, Inflammatory disorder finding, Abdom | 1 | 0 |
| 1 | 1 | Diagnosis | 1894 | Spondylitis | Musculoskeletal system finding, Inflammatory disorder finding, Spine | 1 | 0 |
| 1 | 1 | Diagnosis | 21024 | Spondylolysis - axis | Musculoskeletal system finding, Spine (vertebral column) finding, Hea | 0 | 1 |
| 1 | 1 | Diagnosis | 21025 | Spondylolysis - axis, traumatic | Musculoskeletal system finding, Spine (vertebral column) finding, Hea | 0 | 1 |
| 1 | 1 | Diagnosis | 21026 | Spondylolysis - lumbar | Musculoskeletal system finding, Spine (vertebral column) finding, Abd | 0 | 1 |
| 1 | 1 | Diagnosis | 21023 | Spondylolysis (site unspecified) | Musculoskeletal system finding, Spine (vertebral column) finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1896 | Spondylolysis - cervical | Musculoskeletal system finding, Spine (vertebral column) finding, Hea | 1 | 0 |
| 1 | 1 | Diagnosis | 1897 | Spondylolysis - lumbar | Musculoskeletal system finding, Spine (vertebral column) finding, Abd | 1 | 0 |
| 1 | 1 | Diagnosis | 1898 | Spondylolysis - lumbosacral | Musculoskeletal system finding, Spine (vertebral column) finding, Abd | 1 | 0 |
| 1 | 1 | Diagnosis | 1899 | Spondylolysis - thoracic | Musculoskeletal system finding, Spine (vertebral column) finding, Tho | 1 | 0 |
| 1 | 1 | Diagnosis | 20089 | Spondylolysis (unspecified) | Musculoskeletal system finding, Spine (vertebral column) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1900 | Spondylolysis with myelopathy - cervical | Nervous system finding, Musculoskeletal system finding, Spine (vert | 1 | 0 |
| 1 | 1 | Diagnosis | 1901 | Spondylolysis with myelopathy - lumbar | Nervous system finding, Musculoskeletal system finding, Spine (vert | 1 | 0 |
| 1 | 1 | Diagnosis | 1902 | Spondylolysis with myelopathy - lumbosacral | Nervous system finding, Musculoskeletal system finding, Spine (vert | 1 | 0 |
| 1 | 1 | Diagnosis | 1903 | Spondylolysis with myelopathy - thoracic | Nervous system finding, Musculoskeletal system finding, Spine (vert | 1 | 0 |
| 1 | 1 | Diagnosis | 21027 | Sporotrichosis | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1905 | Squamous cell carcinoma - anal margin | Alimentary tract/Digestive system finding, Mass lesion/swelling findin | 1 | 1 |
| 1 | 1 | Diagnosis | 1906 | Squamous cell carcinoma - bronchus | Respiratory system finding, Mass lesion/swelling finding, Thoracic fin | 1 | 0 |
| 1 | 1 | Diagnosis | 21028 | Squamous cell carcinoma - clitoral | Urogenital system finding, Reproductive system finding, Mass lesion/ | 0 | 1 |
| 1 | 1 | Diagnosis | 21029 | Squamous cell carcinoma - conjunctival | Ophthalmology/vision finding, Soft tissue finding, Mass lesion/swellin | 0 | 1 |
| 1 | 1 | Diagnosis | 21030 | Squamous cell carcinoma - corneal | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and n | 0 | 1 |
| 1 | 1 | Diagnosis | 16474 | Squamous cell carcinoma - cutaneous (skin)(site unspecified) | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 17325 | Squamous cell carcinoma - cutaneous (skin), digit | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding, Li | 1 | 0 |
| 1 | 1 | Diagnosis | 17327 | Squamous cell carcinoma - cutaneous (skin), ear (aural) | Auditory system finding, Haircoat/skin (+ appendages) finding, Mass | 1 | 0 |
| 1 | 1 | Diagnosis | 1908 | Squamous cell carcinoma - cutaneous (skin), eyelid | Haircoat/skin (+ appendages) finding, Ophthalmology/vision finding, M | 1 | 1 |
| 1 | 1 | Diagnosis | 17329 | Squamous cell carcinoma - frontal sinus | Respiratory system finding, Mass lesion/swelling finding, Head and n | 1 | 0 |
| 1 | 1 | Diagnosis | 21031 | Squamous cell carcinoma - gastric (stomach) | Mass lesion/swelling finding, Alimentary tract/Digestive system findin | 0 | 1 |
| 1 | 1 | Diagnosis | 17332 | Squamous cell carcinoma - mammary | Reproductive system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17335 | Squamous cell carcinoma - nasal cavity | Mass lesion/swelling finding, Respiratory system finding, Head and n | 1 | 0 |
| 1 | 1 | Diagnosis | 17337 | Squamous cell carcinoma - nasal planum | Mass lesion/swelling finding, Respiratory system finding, Head and n | 1 | 0 |
| 1 | 1 | Diagnosis | 21034 | Squamous cell carcinoma - nasal sinus | Respiratory system finding, Mass lesion/swelling finding, Head and n | 0 | 1 |
| 1 | 1 | Diagnosis | 16433 | Squamous cell carcinoma - oesophageal | Mass lesion/swelling finding, Alimentary tract/Digestive system findin | 0 | 1 |
| 1 | 1 | Diagnosis | 21076 | Squamous cell carcinoma - oral (mouth)(site unspecified) | Alimentary tract/Digestive system finding, Mass lesion/swelling findin | 1 | 1 |
| 1 | 1 | Diagnosis | 1910 | Squamous cell carcinoma - oral (mouth), gingival (gum) | Alimentary tract/Digestive system finding, Soft tissue finding, Mass l | 1 | 0 |
| 1 | 1 | Diagnosis | 1911 | Squamous cell carcinoma - oral (mouth), tongue (lingual) | Alimentary tract/Digestive system finding, Soft tissue finding, Mass l | 1 | 0 |
| 1 | 1 | Diagnosis | 17339 | Squamous cell carcinoma - oral (mouth), tonsil | Mass lesion/swelling finding, Haematopoietic system finding, Immune | 1 | 0 |
| 1 | 1 | Diagnosis | 21032 | Squamous cell carcinoma - penis/prepuce | Urogenital system finding, Reproductive system finding, Mass lesion/ | 0 | 1 |
| 1 | 1 | Diagnosis | 21035 | Squamous cell carcinoma - perineal | Perineal finding, Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21036 | Squamous cell carcinoma - third eyelid/nictitating membrane | Ophthalmology/vision finding, Soft tissue finding, Mass lesion/swellin | 0 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|---|--------------|--------|
| 1 | 1 | Diagnosis | 21037 | Squamous cell carcinoma - urethral | Mass lesion/swelling finding, Urogenital system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21038 | Squamous cell carcinoma - urinary bladder | Mass lesion/swelling finding, Urogenital system finding, Abdominal fi | 0 | 1 |
| 1 | 1 | Diagnosis | 16471 | Squamous cell carcinoma (site unspecified) | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21040 | Squamous papilloma - penis/prepuce | Urogenital system finding, Reproductive system finding, Mass lesion/ | 0 | 1 |
| 1 | 1 | Diagnosis | 21039 | Squamous papilloma (site unspecified) | Mass lesion/swelling finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1912 | Starvation | Nutritional finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1913 | Status epilepticus | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1914 | Stenotic nares | Respiratory system finding, Congenital finding, Head and neck findin | 1 | 0 |
| 1 | 1 | Diagnosis | 21041 | Stereotypic behaviour | Nervous system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1915 | Sterile pustular dermatosis (not PF) | Haircoat/skin (+ appendages) finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1916 | Steroid responsive meningitis-arteritis (SRMA) | Nervous system finding, Cardiovascular system finding, Inflammatory | 1 | 0 |
| 1 | 1 | Diagnosis | 1917 | Stick injury | Wound finding, Traumatic episode finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1918 | Stomatitis | Alimentary tract/Digestive system finding, Soft tissue finding, Inflam | 1 | 1 |
| 1 | 1 | Diagnosis | 1919 | Stomatitis - ulcerative | Alimentary tract/Digestive system finding, Soft tissue finding, Inflam | 1 | 0 |
| 1 | 1 | Diagnosis | 1920 | Storage disease | Endocrine/metabolic finding, Hereditary disorder finding, Congenital fi | 1 | 0 |
| 1 | 1 | Diagnosis | 21155 | Stranger-directed aggression (Problem behaviour) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21159 | Stranger-directed fear (Problem behaviour) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21042 | Streptococcus equi equi infection | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21043 | Streptococcus zooepidemicus infection | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21044 | Stringhalt | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19771 | Subarachnoid diverticulum - spinal | Nervous system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21045 | Subchondral lucency (crush fracture) of third carpal bone | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1921 | Subconjunctival haemorrhage | Ophthalmology/vision finding, Cardiovascular system finding, Soft tis | 1 | 0 |
| 1 | 1 | Diagnosis | 1922 | Subdural haematoma | Nervous system finding, Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1924 | Subepidermal blistering disease | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1923 | Subepidermal bullous disease | Haircoat/skin (+ appendages) finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21046 | Subepiglottic cyst | Respiratory system finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21047 | Subepiglottic granuloma | Respiratory system finding, Alimentary tract/Digestive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1925 | Subvalvular aortic stenosis (SAS) | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1926 | Subvalvular pulmonic stenosis | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1927 | Sudden acquired retinal degeneration (SARD) | Ophthalmology/vision finding, Degenerative disorder finding, Head an | 1 | 0 |
| 1 | 1 | Diagnosis | 21919 | Sudden death - cause unknown (unexplained) | Clinical finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22334 | Summer pasture associated obstructive pulmonary disease (SPAOPD) | Respiratory system finding, Inflammatory disorder finding, Thoracic fi | 0 | 1 |
| 1 | 1 | Diagnosis | 21050 | Superficial digital flexor tendon (SDFT) luxation | Musculoskeletal system finding, Connective tissue finding, Limb findi | 0 | 1 |
| 1 | 1 | Diagnosis | 21051 | Superficial digital flexor tenosynovitis (tenovaginitis) | Musculoskeletal system finding, Connective tissue finding, Inflammat | 0 | 1 |
| 1 | 1 | Diagnosis | 21756 | Supraspinatus calcifying (mineralised) tendinopathy | Musculoskeletal system finding, Connective tissue finding, Limb findi | 1 | 0 |
| 1 | 1 | Diagnosis | 21757 | Supraspinatus non-mineralised tendinopathy (supraspinatus tendinosis) | Musculoskeletal system finding, Connective tissue finding, Limb findi | 1 | 0 |
| 1 | 1 | Diagnosis | 15948 | Supravulvalvular aortic stenosis | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15946 | Supravulvalvular pulmonic stenosis | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4566 | Supraventricular tachycardia (SVT) | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21052 | Suture line periostitis | Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 1930 | Syncope - carotid sinus syncope | Cardiovascular system finding, Collapse/syncopal episodes finding, M | 1 | 0 |
| 1 | 1 | Diagnosis | 1931 | Syncope - exertional | Cardiovascular system finding, Collapse/syncopal episodes finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1932 | Syncope - tussive | Cardiovascular system finding, Collapse/syncopal episodes finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1933 | Syncope - vasovagal | Cardiovascular system finding, Collapse/syncopal episodes finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21053 | Syncope (unspecified) | Cardiovascular system finding, Collapse/syncopal episodes finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1934 | Synostosis | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1935 | Synostosis - radioulnar | Musculoskeletal system finding, Limb finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1936 | Synovial cyst | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1937 | Synovitis | Musculoskeletal system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1938 | Syringomyelia | Nervous system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4418 | Systemic hypertension | Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 15593 | Systemic hypotension | Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1939 | Systemic inflammatory response syndrome (SIRS) | Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1940 | Systemic lupus erythematosus (SLE) | Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4380 | Systolic dysfunction | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2635 | Tail conformation abnormal | Tail finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2636 | Tail conformation abnormal - corkscrew tail | Tail finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1941 | Tail gland hyperplasia | Haircoat/skin (+ appendages) finding, Tail finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1942 | Tail injury | Tail finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1943 | Tail pull injury | Tail finding, Traumatic episode finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4677 | Taurine deficiency | Nutritional finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21791 | Tear staining | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21986 | Telogen defluxion/effluvium | Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21055 | Temporohyoid osteoarthropathy (THO) | Musculoskeletal system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 16360 | Temporomandibular joint (TMJ) dysplasia | Musculoskeletal system finding, Head and neck finding, Developmen | 1 | 1 |
| 1 | 1 | Diagnosis | 1946 | Tendinitis - Achilles tendon | Musculoskeletal system finding, Connective tissue finding, Inflammat | 1 | 0 |
| 1 | 1 | Diagnosis | 1947 | Tendinitis - biceps tendon | Musculoskeletal system finding, Connective tissue finding, Inflammat | 1 | 1 |
| 1 | 1 | Diagnosis | 22199 | Tendinitis - deep digital flexor tendon (DDFT) | Musculoskeletal system finding, Connective tissue finding, Inflammat | 0 | 1 |
| 1 | 1 | Diagnosis | 22231 | Tendinitis - superficial digital flexor tendon (SDFT) | Musculoskeletal system finding, Connective tissue finding, Inflammat | 0 | 1 |
| 1 | 1 | Diagnosis | 20091 | Tendinitis (unspecified) | Musculoskeletal system finding, Connective tissue finding, Inflammat | 1 | 1 |
| 1 | 1 | Diagnosis | 1948 | Tendon disorder | Musculoskeletal system finding, Connective tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1949 | Tendon injury | Musculoskeletal system finding, Connective tissue finding, Traumatic | 1 | 1 |
| 1 | 1 | Diagnosis | 1950 | Tendon laceration | Musculoskeletal system finding, Connective tissue finding, Wound fir | 1 | 0 |
| 1 | 1 | Diagnosis | 1952 | Tendon rupture - Achilles tendon | Musculoskeletal system finding, Connective tissue finding, Limb findi | 1 | 1 |
| 1 | 1 | Diagnosis | 1953 | Tendon rupture - Achilles tendon, complete | Musculoskeletal system finding, Connective tissue finding, Limb findi | 1 | 0 |
| 1 | 1 | Diagnosis | 1954 | Tendon rupture - Achilles tendon, partial | Musculoskeletal system finding, Connective tissue finding, Limb findi | 1 | 0 |
| 1 | 1 | Diagnosis | 1955 | Tendon rupture - biceps tendon | Musculoskeletal system finding, Connective tissue finding, Limb findi | 1 | 0 |
| 1 | 1 | Diagnosis | 1956 | Tendon rupture - gastrocnemius tendon | Musculoskeletal system finding, Connective tissue finding, Limb findi | 1 | 0 |
| 1 | 1 | Diagnosis | 1957 | Tendon rupture - hip | Musculoskeletal system finding, Connective tissue finding, Limb findi | 1 | 0 |
| 1 | 1 | Diagnosis | 1958 | Tendon rupture - triceps tendon | Musculoskeletal system finding, Connective tissue finding, Limb findi | 1 | 0 |
| 1 | 1 | Diagnosis | 20093 | Tendon rupture (unspecified) | Musculoskeletal system finding, Connective tissue finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1959 | Tendon rupture, complete | Musculoskeletal system finding, Connective tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1960 | Tendon rupture, partial | Musculoskeletal system finding, Connective tissue finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21056 | Tendon sheath disorder (unspecified) | Musculoskeletal system finding, Connective tissue finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21057 | Tendon sheath fibrosis | Musculoskeletal system finding, Connective tissue finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22335 | Tenosynovitis - digital flexor tendon sheath | Musculoskeletal system finding, Connective tissue finding, Inflammat | 0 | 1 |
| 1 | 1 | Diagnosis | 20097 | Tenosynovitis (tenovaginitis) - bicipital | Musculoskeletal system finding, Connective tissue finding, Inflammat | 1 | 1 |
| 1 | 1 | Diagnosis | 20095 | Tenosynovitis (tenovaginitis)(unspecified) | Musculoskeletal system finding, Connective tissue finding, Inflammat | 1 | 1 |
| 1 | 1 | Diagnosis | 22325 | Tenosynovitis, septic (infective) - digital flexor tendon sheath | Musculoskeletal system finding, Connective tissue finding, Inflammat | 0 | 1 |
| 1 | 1 | Diagnosis | 22328 | Tenosynovitis, septic (infective) - tarsal sheath | Musculoskeletal system finding, Connective tissue finding, Inflammat | 0 | 1 |
| 1 | 1 | Diagnosis | 4588 | Teratoma | Mass lesion/swelling finding | 1 | 1 |
| 1 | 1 | Diagnosis | 7409 | Testicular disorder | Urogenital system finding, Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1963 | Testicular torsion | Urogenital system finding, Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1964 | Tetanus | Infectious disorder finding, Musculoskeletal system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 18078 | Thalamic infarction | Nervous system finding, Cardiovascular system finding, Head and ne | 1 | 0 |
| 1 | 1 | Diagnosis | 17341 | Thecoma | Urogenital system finding, Reproductive system finding, Mass lesion/ | 1 | 0 |
| 1 | 1 | Diagnosis | 1965 | Thermal injury to skin (cutaneous) | Haircoat/skin (+ appendages) finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1966 | Thiamine deficiency | Nutritional finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21716 | Thin (underweight) | Weight/Body condition finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4567 | Third degree AV block | Cardiovascular system finding, Thoracic finding | 1 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|--|---|--------------|--------|
| 1 | 1 | Diagnosis | 1968 | Third eyelid/nictitating membrane disorder - inverted cartilage | Ophthalmology/vision finding, Soft tissue finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1969 | Third eyelid/nictitating membrane disorder - laceration | Ophthalmology/vision finding, Soft tissue finding, Wound finding, Trauma finding | 1 | 1 |
| 1 | 1 | Diagnosis | 7477 | Third eyelid/nictitating membrane disorder - prolapsed gland (Cherry eye) | Ophthalmology/vision finding, Soft tissue finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 7478 | Third eyelid/nictitating membrane disorder - scrolled cartilage (everting) | Ophthalmology/vision finding, Soft tissue finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19917 | Third eyelid/nictitating membrane disorder (unspecified) | Ophthalmology/vision finding, Soft tissue finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1971 | Thrombocytopenia | Haematopoietic system finding, Haemostatic system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 11017 | Thrombocytopenia | Haematopoietic system finding, Haemostatic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 11013 | Thrombocytopenia - immune-mediated - primary (idiopathic, ITP) | Haematopoietic system finding, Haemostatic system finding, Immune system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 11014 | Thrombocytopenia - immune-mediated - secondary | Haematopoietic system finding, Haemostatic system finding, Immune system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1974 | Thromboembolic disease | Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1976 | Thromboembolism - aortic (ATE) | Cardiovascular system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1977 | Thromboembolism - pulmonary (PTE) | Cardiovascular system finding, Respiratory system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20098 | Thromboembolism (unspecified) | Cardiovascular system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21831 | Thrombophlebitis - intravenous catheter-associated | Cardiovascular system finding, Inflammatory disorder finding, Complication finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22339 | Thrombophlebitis - non-septic | Cardiovascular system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21832 | Thrombophlebitis - post-injection | Cardiovascular system finding, Inflammatory disorder finding, Complication finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21833 | Thrombophlebitis - post-sampling | Cardiovascular system finding, Inflammatory disorder finding, Complication finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22340 | Thrombophlebitis - septic | Cardiovascular system finding, Inflammatory disorder finding, Infectious disease finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22337 | Thrombophlebitis (cause unspecified) | Cardiovascular system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22338 | Thrombophlebitis (type unspecified) | Cardiovascular system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1978 | Thrombosis - arterial | Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21701 | Thrombosis - iliac artery | Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1979 | Thrombosis - portal vein | Cardiovascular system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1980 | Thrombosis - renal artery | Cardiovascular system finding, Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1981 | Thrombosis - renal vein | Cardiovascular system finding, Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1982 | Thrombosis - splenic vein | Cardiovascular system finding, Haematopoietic system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1983 | Thrombosis - vena cava | Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1984 | Thrombotic disorder | Cardiovascular system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 4145 | Thrombus - atrial | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1985 | Thrombus - mural thrombus of heart | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1986 | Thrombus, possible | Clinical finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21058 | Thrush | Haircoat/skin (+ appendages) finding, Limb finding, Infectious disease finding | 0 | 1 |
| 1 | 1 | Diagnosis | 16884 | Thymoma - epithelial | Endocrine/Metabolic finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16885 | Thymoma - lymphocytic | Endocrine/Metabolic finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16883 | Thymoma (type unspecified) | Endocrine/Metabolic finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1988 | Thyroid storm | Endocrine/Metabolic finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1989 | Thyrototoxicosis | Endocrine/Metabolic finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1990 | Tick paralysis | Nervous system finding, Musculoskeletal system finding, Infectious disease finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21666 | Tick reaction/bite granuloma | Immune system finding, Inflammatory disorder finding, Infectious disease finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1992 | Tongue (lingual) disorder - glossitis | Alimentary tract/Digestive system finding, Soft tissue finding, Inflammation finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20100 | Tongue (lingual) disorder (unspecified) | Alimentary tract/Digestive system finding, Soft tissue finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1993 | Tongue (lingual) injury | Alimentary tract/Digestive system finding, Soft tissue finding, Trauma finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1994 | Tongue (lingual) paralysis | Alimentary tract/Digestive system finding, Soft tissue finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1995 | Tonsillar enlargement | Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1996 | Tonsillitis | Respiratory system finding, Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2125 | Torovirus infection | Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21162 | Touch sensitivity (Problem behaviour) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1997 | Toxic epidermal necrolysis | Haircoat/skin (+ appendages) finding, Immune system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 1998 | Toxoplasmosis | Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 1999 | Toxoplasmosis chorioretinitis | Ophthalmology/vision finding, Inflammatory disorder finding, Infectious disease finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2000 | Tracheal avulsion | Respiratory system finding, Traumatic episode finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2001 | Tracheal collapse | Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2002 | Tracheal collapse, acquired | Respiratory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2003 | Tracheal collapse, congenital | Respiratory system finding, Congenital finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20102 | Tracheal disorder (unspecified) | Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21059 | Tracheal granuloma | Immune system finding, Inflammatory disorder finding, Respiratory system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 2011 | Tracheal obstruction | Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2005 | Tracheal perforation | Respiratory system finding, Traumatic episode finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2006 | Tracheal perforation - iatrogenic | Respiratory system finding, Traumatic episode finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2007 | Tracheal rupture | Respiratory system finding, Traumatic episode finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2008 | Tracheal stenosis | Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2009 | Tracheal stenosis, acquired | Respiratory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2010 | Tracheal stenosis, congenital | Respiratory system finding, Congenital finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2012 | Tracheitis | Respiratory system finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2013 | Tracheobronchitis - acute | Respiratory system finding, Inflammatory disorder finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2014 | Tracheobronchitis - chronic | Respiratory system finding, Inflammatory disorder finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2015 | Traction alopecia | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17353 | Transitional cell carcinoma - ureter | Mass lesion/swelling finding, Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21060 | Transient hypogammaglobulinaemia | Immune system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 17346 | Transitional cell carcinoma - nasal cavity | Mass lesion/swelling finding, Respiratory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17349 | Transitional cell carcinoma - prostate | Mass lesion/swelling finding, Urogenital system finding, Reproductive system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17351 | Transitional cell carcinoma - renal (kidney) pelvis | Mass lesion/swelling finding, Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17355 | Transitional cell carcinoma - urethra | Mass lesion/swelling finding, Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17344 | Transitional cell carcinoma (site unspecified) | Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16890 | Transitional cell carcinoma of urinary bladder - infiltrating | Urogenital system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16891 | Transitional cell carcinoma of urinary bladder - non-infiltrating | Urogenital system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16892 | Transitional cell carcinoma of urinary bladder - non-papillary | Urogenital system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16893 | Transitional cell carcinoma of urinary bladder - papillary | Urogenital system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 16888 | Transitional cell carcinoma of urinary bladder (type unspecified) | Urogenital system finding, Mass lesion/swelling finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 17357 | Transmissible venereal tumour (TVT) | Haematopoietic system finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9572 | Traumatic ear canal avulsion | Auditory system finding, Traumatic episode finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19775 | Traumatic injury - road traffic/motor vehicle accident (RTA/MVA) | Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19773 | Traumatic injury (unspecified) | Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2018 | Trichiasis | Haircoat/skin (+ appendages) finding, Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21712 | Trichobezoar (hairball, furball) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2020 | Trichoepithelioma | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17359 | Trichofolliculoma | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17361 | Tricholemmoma | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2021 | Tricuspid valve disorder | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2022 | Tricuspid valve dysplasia | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2023 | Tricuspid valve prolapse | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2024 | Tricuspid valve regurgitation/insufficiency | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2025 | Tricuspid valve stenosis | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2026 | Trigeminal neuropathy | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2027 | Trigeminal neuropathy, idiopathic | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21721 | Trismus ("lockjaw") | Musculoskeletal system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21061 | Trypanosomiasis | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 2028 | Tumour lysis syndrome | Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21910 | Tympanic bulla disorder (unspecified) | Auditory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21911 | Tympanic bulla effusion | Auditory system finding, Effusion finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21063 | Tyzzers' disease (Clostridium piliforme necrotising hepatitis) | Hepatobiliary system finding, Inflammatory disorder finding, Abdominal finding | 0 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|--|--|--------------|--------|
| 1 | 1 | Diagnosis | 21645 | Ulcerative keratitis (Corneal ulceration) - descemetocoele | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 19950 | Ulcerative keratitis (Corneal ulceration) - infective | Ophthalmology/vision finding, Inflammatory disorder finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19951 | Ulcerative keratitis (Corneal ulceration) - infective, bacterial | Ophthalmology/vision finding, Inflammatory disorder finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19952 | Ulcerative keratitis (Corneal ulceration) - infective, viral | Ophthalmology/vision finding, Inflammatory disorder finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19900 | Ulcerative keratitis (Corneal ulceration) - melting | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 19948 | Ulcerative keratitis (Corneal ulceration)(unspecified) | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22341 | Umbilical infection | Infectious disorder finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21792 | Undergrooming | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21084 | Under-run sole | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 2029 | Upper motor neuron disease | Nervous system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22344 | Upward fixation of the patella (locking stifle) - continuous | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22345 | Upward fixation of the patella (locking stifle) - intermittent | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22346 | Upward fixation of the patella (locking stifle)(type unspecified) | Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 2030 | Ureteric anomaly, congenital | Urogenital system finding, Congenital finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2031 | Ureteric anomaly, congenital - ectopic ureter | Urogenital system finding, Congenital finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2034 | Ureteric obstruction | Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2032 | Ureteric rupture | Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2033 | Ureteric stricture | Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21065 | Urethral haematoma | Urogenital system finding, Cardiovascular system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 2035 | Urethral obstruction | Urogenital system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 7708 | Urethral prolapse | Urogenital system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21066 | Urethral rent | Urogenital system finding, Traumatic episode finding | 0 | 1 |
| 1 | 1 | Diagnosis | 2036 | Urethral rupture | Urogenital system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2037 | Urethral rupture - iatrogenic | Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2038 | Urethral stricture | Urogenital system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2039 | Urethritis | Urogenital system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 10099 | Urinary bladder diverticulum | Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21067 | Urinary bladder eversion | Urogenital system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21068 | Urinary bladder eversion - post-partum | Urogenital system finding, Reproductive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21188 | Urinary bladder prolapse | Urogenital system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 2045 | Urinary bladder rupture | Urogenital system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2040 | Urinary bladder, functional disorder | Urogenital system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2041 | Urinary bladder, functional disorder - atony | Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2042 | Urinary bladder, functional disorder - neurogenic dysfunction | Urogenital system finding, Nervous system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2043 | Urinary bladder, functional disorder of bladder neck/sphincter mechanism | Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2044 | Urinary bladder, intra-pelvic position | Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2046 | Urinary incontinence | Urogenital system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2047 | Urinary incontinence - overflow | Urogenital system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21069 | Urinary incontinence - post-foaling | Urogenital system finding, Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 2048 | Urinary incontinence - post-micturition | Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2049 | Urinary incontinence due to urethral sphincter mechanism incompetence | Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2050 | Urinary retention | Urogenital system finding, Abdominal finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2051 | Urinary tract infection (UTI) | Urogenital system finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2052 | Urinary tract infection (UTI) - bacterial | Urogenital system finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2053 | Urinary tract infection (UTI) - bacterial, coliform | Urogenital system finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2054 | Urinary tract infection (UTI), chronic | Urogenital system finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2056 | Urinary tract infection (UTI), recurrent | Urogenital system finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2055 | Urinary tract infection, lower (LUTI) | Urogenital system finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9491 | Urinary tract rupture | Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21847 | Urine scald | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20112 | Urolithiasis - calcium oxalate | Urogenital system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20117 | Urolithiasis - cystine | Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 20121 | Urolithiasis - magnesium-ammonium-phosphate hexahydrate (struvite) | Urogenital system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2058 | Urolithiasis - renal (nephrolithiasis) | Urogenital system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20125 | Urolithiasis - urate | Urogenital system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2059 | Urolithiasis - ureteric | Urogenital system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2060 | Urolithiasis - urethral | Urogenital system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2061 | Urolithiasis - urinary bladder | Urogenital system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20108 | Urolithiasis (site unspecified) | Urogenital system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20110 | Urolithiasis (type unspecified) | Urogenital system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22347 | Uroperitoneum (uroabdomen) | Urogenital system finding, Inflammatory disorder finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21070 | Urospermia | Reproductive system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 19918 | Uterine prolapse | Reproductive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21071 | Uterine prolapse - post-partum | Reproductive system finding, Abdominal finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21073 | Uterine tear | Reproductive system finding, Abdominal finding, Traumatic episode finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21074 | Uterine torsion | Reproductive system finding, Abdominal finding | 0 | 1 |
| 1 | 1 | Diagnosis | 2067 | Uveitis - anterior | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2068 | Uveitis - idiopathic | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2069 | Uveitis - lens-induced | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2070 | Uveitis - posterior | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2071 | Uveitis - traumatic | Ophthalmology/vision finding, Inflammatory disorder finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20104 | Uveitis (unspecified) | Ophthalmology/vision finding, Inflammatory disorder finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2072 | Vaginal disorder | Urogenital system finding, Reproductive system finding, Pelvic structure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2073 | Vaginal hyperplasia/prolapse | Urogenital system finding, Reproductive system finding, Pelvic structure finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21075 | Vaginal rupture | Urogenital system finding, Reproductive system finding, Pelvic structure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21076 | Vaginal varicose veins | Urogenital system finding, Reproductive system finding, Cardiovascular system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 2074 | Vaginitis | Urogenital system finding, Reproductive system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2075 | Vaginitis, Juvenile | Urogenital system finding, Reproductive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21077 | Varicocele | Reproductive system finding, Cardiovascular system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 2077 | Vascular ring anomaly (aortic arch) | Cardiovascular system finding, Congenital finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2076 | Vasculitis/vasculopathy | Cardiovascular system finding, Inflammatory disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 18112 | Vena caval obstruction due to anterior mediastinal mass | Cardiovascular system finding, Mass lesion/swelling finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 18110 | Vena caval obstruction due to fibrosis | Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 18114 | Vena caval obstruction due to other cause | Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 18108 | Vena caval obstruction, Dirofilarial | Cardiovascular system finding, Infectious disorder finding | 1 | 0 |
| 1 | 1 | Diagnosis | 18118 | Vena caval syndrome due to anterior mediastinal mass | Cardiovascular system finding, Mass lesion/swelling finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 18116 | Vena caval syndrome due to fibrosis | Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 18120 | Vena caval syndrome due to other cause | Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2078 | Vena caval syndrome, Dirofilarial | Infectious disorder finding, Cardiovascular system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21078 | Venezuelan Equine Encephalomyelitis (VEE) | Nervous system finding, Infectious disorder finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 2079 | Ventilatory failure | Respiratory system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2080 | Ventral comedo syndrome | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22057 | Ventricular enlargement - left | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 22058 | Ventricular enlargement - right | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2081 | Ventricular outflow tract obstruction - left (LVOTO) | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2082 | Ventricular outflow tract obstruction - right (RVOTO) | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4443 | Ventricular outflow tract obstruction, left (LVOTO) - dynamic | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4500 | Ventricular outflow tract obstruction, right (RVOTO) - dynamic | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 4568 | Ventricular Premature Complexes (VPCs) | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 4569 | Ventricular tachycardia (VT) | Cardiovascular system finding, Thoracic finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21079 | Verrucous dermatitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 0 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|------------|------------------------|--|---|--------------|--------|
| 1 | 1 | Diagnosis | 22107 | Vertebral malformation - cervical | Musculoskeletal system finding, Congenital finding, Spine (vertebral column) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21080 | Vesicovaginal reflux (urovagina, urine pooling) | Urogenital system finding, Reproductive system finding, Pelvic structure finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21081 | Vesicular exanthema | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21082 | Vesicular stomatitis | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 2084 | Vestibular disease - central | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2085 | Vestibular disease - peripheral | Nervous system finding, Auditory system finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21840 | Vestibular disease (unspecified) | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21841 | Vestibular syndrome | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 1 | Diagnosis | 9475 | Viral papillomatosis | Infectious disorder finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2086 | Vision impaired | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2087 | Vitamin A-responsive dermatosis | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21083 | Vitamin D deficiency/imbalance | Nutritional finding | 0 | 1 |
| 1 | 1 | Diagnosis | 22018 | Vitiligo | Haircoat/skin (+ appendages) finding, Hereditary disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2089 | Vogt-Koyanagi-Harada-like syndrome (Uveodermatologic syndrome) | Haircoat/skin (+ appendages) finding, Immune system finding, Ophthalmology/vision finding | 1 | 0 |
| 1 | 1 | Diagnosis | 17963 | Vomiting during/post-anaesthesia | Alimentary tract/Digestive system finding, Complication of medical care finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2090 | Von Willebrand disorder | Haemostatic system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2091 | Vulval disorder | Urogenital system finding, Reproductive system finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2092 | Wandering pacemaker | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 22348 | Wave mouth | Alimentary tract/Digestive system finding, Head and neck finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21086 | West Nile Virus Infection | Infectious disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21085 | Western Equine Encephalomyelitis (WEE) | Nervous system finding, Infectious disorder finding, Inflammatory disorder finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21890 | White dog shaker syndrome (" Little white shakers "?) idiopathic cerebellar ataxia | Musculoskeletal system finding | 1 | 0 |
| 1 | 1 | Diagnosis | 21087 | White line disease | Haircoat/skin (+ appendages) finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21809 | Wound - abrasion (unspecified) | Wound finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21810 | Wound - abrasion, graze | Wound finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21811 | Wound - abrasion, scratch | Wound finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2095 | Wound - degloving injury | Wound finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2096 | Wound - laceration | Wound finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2097 | Wound - penetrating injury | Wound finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2098 | Wound - puncture | Wound finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 2099 | Wound - shear injury | Wound finding, Traumatic episode finding | 1 | 1 |
| 1 | 1 | Diagnosis | 20106 | Wound (unspecified) | Wound finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21664 | Wound finding - friction injury | Wound finding, Traumatic episode finding | 1 | 0 |
| 1 | 1 | Diagnosis | 9595 | Wound necrosis | Wound finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21089 | Wound with synovial involvement - carpus | Wound finding, Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21090 | Wound with synovial involvement - elbow | Wound finding, Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21091 | Wound with synovial involvement - fetlock | Wound finding, Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21092 | Wound with synovial involvement - foot | Wound finding, Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21093 | Wound with synovial involvement - proximal metacarpal region | Wound finding, Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21094 | Wound with synovial involvement - proximal metatarsal region | Wound finding, Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21095 | Wound with synovial involvement - shoulder | Wound finding, Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21096 | Wound with synovial involvement - stifle | Wound finding, Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21097 | Wound with synovial involvement - tarsus | Wound finding, Musculoskeletal system finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21098 | Wound with synovial involvement (site unspecified) | Wound finding, Musculoskeletal system finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21099 | Wound without synovial involvement - carpus | Wound finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21100 | Wound without synovial involvement - elbow | Wound finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21101 | Wound without synovial involvement - fetlock | Wound finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21102 | Wound without synovial involvement - foot | Wound finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21103 | Wound without synovial involvement - proximal metacarpal region | Wound finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21104 | Wound without synovial involvement - proximal metatarsal region | Wound finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21105 | Wound without synovial involvement - shoulder | Wound finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21106 | Wound without synovial involvement - stifle | Wound finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21107 | Wound without synovial involvement - tarsus | Wound finding, Limb finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21098 | Wound without synovial involvement (site unspecified) | Wound finding | 0 | 1 |
| 1 | 1 | Diagnosis | 2127 | Wound, infected | Wound finding, Infectious disorder finding | 1 | 1 |
| 1 | 1 | Diagnosis | 21108 | Wry nose (campylorhinus lateralis) | Musculoskeletal system finding, Respiratory system finding, Congenital finding | 0 | 1 |
| 1 | 1 | Diagnosis | 21109 | Zinc deficiency | Nutritional finding | 0 | 1 |
| 1 | 1 | Diagnosis | 2100 | Zinc-responsive dermatosis | Haircoat/skin (+ appendages) finding, Endocrine/Metabolic finding | 1 | 0 |
| 1 | 1 | Diagnosis | 2101 | Zollinger-Ellison syndrome | Alimentary tract/Digestive system finding, Endocrine/Metabolic finding | 1 | 0 |
| 1 | 0 | Presenting | 7538 | Abdominal injury | Abdominal finding, Traumatic episode finding | 1 | 1 |
| 1 | 0 | Presenting | 21176 | Abnormal behavioural episode | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 0 | Presenting | 13 | Alopecia | Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 0 | Presenting | 11101 | Anal irritation | Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 0 | Presenting | 312 | Anorexia | Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 178 | Appetite decreased | Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 179 | Appetite increased | Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 16 | Behavioural abnormality | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 18 | Bleeding - bruising | Cardiovascular system finding, Wound finding | 1 | 1 |
| 1 | 0 | Presenting | 2102 | Bleeding - epistaxis | Respiratory system finding, Cardiovascular system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 2104 | Bleeding - other orifice | Cardiovascular system finding | 1 | 1 |
| 1 | 0 | Presenting | 2106 | Bleeding - petechiation/ecchymoses | Cardiovascular system finding | 1 | 1 |
| 1 | 0 | Presenting | 20 | Blindness | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 7711 | BLOOD/OTHER TEST APPOINTMENT | Clinical finding | 1 | 1 |
| 1 | 0 | Presenting | 18415 | BREEDING SOUNDNESS examination | Clinical finding | 0 | 1 |
| 1 | 0 | Presenting | 2108 | Cachexia | Weight/Body condition finding, Nutritional finding | 1 | 1 |
| 1 | 0 | Presenting | 2117 | Cardiac (heart) abnormality - heart murmur | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 0 | Presenting | 22 | Cardiac (heart) abnormality - other | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 1 | 0 | Presenting | 4672 | CHEMOTHERAPY appointment | Clinical finding | 1 | 0 |
| 1 | 0 | Presenting | 21875 | Choking | Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 27 | Colic | Nervous system finding, Abdominal finding | 0 | 1 |
| 1 | 0 | Presenting | 21854 | Collapsed | Clinical finding | 1 | 1 |
| 1 | 0 | Presenting | 21852 | Collapsing/syncopal episodes | Clinical finding | 1 | 1 |
| 1 | 0 | Presenting | 21724 | Coprophagia (eating faeces) | Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 0 | Presenting | 7580 | Corneal abnormality | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 2134 | Corneal opacity or blue eye | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 29 | Coughing | Respiratory system finding | 1 | 1 |
| 1 | 0 | Presenting | 7634 | Cyanosis | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 0 | Presenting | 21727 | Dead (Deceased) on presentation/arrival (DOA) | Administrative statuses finding | 1 | 1 |
| 1 | 0 | Presenting | 183 | Defaecation abnormal - decreased frequency | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 0 | Presenting | 185 | Defaecation abnormal - defaecatory tenesmus | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 0 | Presenting | 21731 | Defaecation abnormal - dyschezia | Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 0 | Presenting | 21179 | Defaecation abnormal - inappropriate defaecation | Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 0 | Presenting | 184 | Defaecation abnormal - increased frequency | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 0 | Presenting | 186 | Defaecation abnormal - other | Alimentary tract/Digestive system finding | 1 | 0 |
| 1 | 0 | Presenting | 2137 | Dental (tooth) abnormality | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 2141 | Dietary indiscretion - foreign body ingestion | Alimentary tract/Digestive system finding, Foreign body finding | 1 | 1 |
| 1 | 0 | Presenting | 2144 | Dietary indiscretion - other | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 0 | Presenting | 7516 | Discharge - aural (ear) | Auditory system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 36 | Discharge - nasal (nose) | Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 43 | Discharge - ocular (eye) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|------------|------------------------|--|--|--------------|--------|
| 1 | 0 | Presenting | 7615 | Discharge - penile | Urogenital system finding, Reproductive system finding | 1 | 1 |
| 1 | 0 | Presenting | 2145 | Discharge - sinus tract | Soft tissue finding | 1 | 1 |
| 1 | 0 | Presenting | 46 | Discharge - vaginal | Urogenital system finding, Reproductive system finding, Pelvic structure finding | 1 | 1 |
| 1 | 0 | Presenting | 11723 | Dressing-related complication | Episode of care finding | 1 | 1 |
| 1 | 0 | Presenting | 21747 | Drowned/Near drowning | Respiratory system finding | 1 | 1 |
| 1 | 0 | Presenting | 2149 | Dry eye | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 0 | Presenting | 2151 | Dysphagia | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 0 | Presenting | 49 | Dysphonia | Respiratory system finding | 1 | 0 |
| 1 | 0 | Presenting | 55 | Dyspnoea - with coughing | Respiratory system finding | 1 | 1 |
| 1 | 0 | Presenting | 51 | Dyspnoea - without coughing | Respiratory system finding | 1 | 1 |
| 1 | 0 | Presenting | 57 | Dystocia | Reproductive system finding | 1 | 1 |
| 1 | 0 | Presenting | 2153 | Ear (aural) abnormality | Auditory system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 7520 | Ear (aural) injury | Auditory system finding, Traumatic episode finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 7528 | Ear (aural) smell | Auditory system finding, Head and neck finding | 1 | 0 |
| 1 | 0 | Presenting | 18317 | Epiphora/tear staining | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 18320 | Excess tear production | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 59 | Exercise intolerance - episodic | Musculoskeletal system finding | 1 | 1 |
| 1 | 0 | Presenting | 2158 | Exercise intolerance - persistent | Musculoskeletal system finding | 1 | 1 |
| 1 | 0 | Presenting | 2160 | Eyelid abnormality | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 21857 | Faecal appearance abnormal - diarrhoea (chronicity unspecified) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 0 | Presenting | 21860 | Faecal appearance abnormal - diarrhoea, acute | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 0 | Presenting | 21863 | Faecal appearance abnormal - diarrhoea, chronic | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 0 | Presenting | 2162 | Faecal appearance abnormal - haematochezia | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 0 | Presenting | 2164 | Faecal appearance abnormal - melaena | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 0 | Presenting | 21728 | Faecal appearance abnormal - mucus | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 0 | Presenting | 187 | Faecal appearance abnormal - other | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 1 | 0 | Presenting | 188 | Failure to gain weight | Weight/Body condition finding | 1 | 1 |
| 1 | 0 | Presenting | 21719 | Failure to grow (stunted growth) | Height/growth finding | 1 | 1 |
| 1 | 0 | Presenting | 7612 | Female reproductive abnormality | Reproductive system finding | 1 | 1 |
| 1 | 0 | Presenting | 21734 | Flatulence | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 1 | 0 | Presenting | 2169 | Gagging/retching | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 0 | Presenting | 62 | Gait abnormality - ataxia | Musculoskeletal system finding, Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 65 | Gait abnormality - lameness | Musculoskeletal system finding, Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 67 | Gait abnormality - other | Musculoskeletal system finding, Nervous system finding | 1 | 0 |
| 1 | 0 | Presenting | 7619 | Haemoptysis | Respiratory system finding | 1 | 0 |
| 1 | 0 | Presenting | 7604 | Halitosis | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 2176 | Head tilt | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 2172 | Hearing impaired/deafness | Auditory system finding, Head and neck finding | 1 | 0 |
| 1 | 0 | Presenting | 68 | Hirsutism | Haircoat/skin (+ appendages) finding | 0 | 1 |
| 1 | 0 | Presenting | 18031 | Hyphaema | Ophthalmology/vision finding, Cardiovascular system finding, Head and neck finding | 1 | 0 |
| 1 | 0 | Presenting | 2297 | Hypothermia | Body temperature finding | 1 | 1 |
| 1 | 0 | Presenting | 7637 | Icterus (jaundice) | Endocrine/Metabolic finding | 1 | 1 |
| 1 | 0 | Presenting | 21737 | In extremis | Clinical finding | 1 | 0 |
| 1 | 0 | Presenting | 2180 | Incontinence - faecal | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 0 | Presenting | 2182 | Incontinence - urinary | Urogenital system finding | 1 | 1 |
| 1 | 0 | Presenting | 71 | Intoxication (poisoning)/toxin exposure | Clinical finding | 1 | 1 |
| 1 | 0 | Presenting | 18323 | Iris abnormality - mass | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 1 | 0 | Presenting | 18328 | Iris abnormality - other | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 0 | Presenting | 2184 | Laminitis | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 0 | 1 |
| 1 | 0 | Presenting | 18334 | Lens abnormality - other | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 0 | Presenting | 18332 | Lens opacity | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 0 | Presenting | 2187 | Lethargy | Musculoskeletal system finding | 1 | 1 |
| 1 | 0 | Presenting | 2178 | Loss of balance | Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 2189 | Lymphadenomegaly | Lymphatic system finding, Immune system finding, Haematopoietic system finding | 1 | 1 |
| 1 | 0 | Presenting | 7639 | Male reproductive abnormality | Reproductive system finding | 1 | 1 |
| 1 | 0 | Presenting | 2193 | Mass/swelling - abdominal | Mass lesion/swelling finding, Abdominal finding | 1 | 1 |
| 1 | 0 | Presenting | 17363 | Mass/swelling - axilla | Mass lesion/swelling finding, Thoracic finding | 1 | 1 |
| 1 | 0 | Presenting | 7532 | Mass/swelling - ear (aural) | Auditory system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 7594 | Mass/swelling - eye (ophthalmic) | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 17366 | Mass/swelling - eyelid | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 17368 | Mass/swelling - facial (site unspecified) | Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 17370 | Mass/swelling - facial, lip | Alimentary tract/Digestive system finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 17372 | Mass/swelling - gingival (gum) | Alimentary tract/Digestive system finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 17373 | Mass/swelling - jaw (site unspecified) | Musculoskeletal system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 17375 | Mass/swelling - jaw, mandible | Musculoskeletal system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 17376 | Mass/swelling - jaw, maxilla | Musculoskeletal system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 17377 | Mass/swelling - joint | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 17378 | Mass/swelling - limb, lower | Limb finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 17380 | Mass/swelling - limb, upper | Limb finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 17382 | Mass/swelling - lymph node | Lymphatic system finding, Immune system finding, Haematopoietic system finding | 1 | 1 |
| 1 | 0 | Presenting | 17384 | Mass/swelling - mammary | Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 7562 | Mass/swelling - musculoskeletal | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 17385 | Mass/swelling - neck (cervical) | Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 17390 | Mass/swelling - nose (nasal), nasal planum | Respiratory system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 2198 | Mass/swelling - oral (mouth) | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 2202 | Mass/swelling - other | Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 17391 | Mass/swelling - penile | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 7535 | Mass/swelling - perianal | Mass lesion/swelling finding, Perianal finding | 1 | 1 |
| 1 | 0 | Presenting | 17392 | Mass/swelling - prepuce | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 17393 | Mass/swelling - scrotal | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 17394 | Mass/swelling - skin (cutaneous)/subcutaneous (site unspecified) | Haircoat/skin (+ appendages) finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 17397 | Mass/swelling - skin (cutaneous)/subcutaneous, digit | Haircoat/skin (+ appendages) finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 17399 | Mass/swelling - skin (cutaneous)/subcutaneous, perianal | Haircoat/skin (+ appendages) finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 1 | 0 | Presenting | 17401 | Mass/swelling - testicular | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 17402 | Mass/swelling - tongue (lingual) | Alimentary tract/Digestive system finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 17403 | Mass/swelling - vulval | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 1 | 0 | Presenting | 72 | Mentation altered - anxious/distressed | Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 2204 | Mentation altered - comatose | Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 2206 | Mentation altered - depressed | Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 7577 | Mentation altered - stuporous | Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 21741 | Misalliance (mismating) | Reproductive system finding | 1 | 0 |
| 1 | 0 | Presenting | 7542 | Moribund | Clinical finding | 1 | 1 |
| 1 | 0 | Presenting | 2212 | Mucous membranes abnormal - cyanosed | Soft tissue finding, Endocrine/Metabolic finding | 1 | 1 |
| 1 | 0 | Presenting | 2217 | Mucous membranes abnormal - hyperaemic | Soft tissue finding, Cardiovascular system finding | 1 | 1 |
| 1 | 0 | Presenting | 75 | Mucous membranes abnormal - other | Soft tissue finding | 1 | 1 |
| 1 | 0 | Presenting | 74 | Mucous membranes abnormal - pale | Soft tissue finding | 1 | 1 |
| 1 | 0 | Presenting | 2221 | Muscular atrophy - head | Musculoskeletal system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 2224 | Muscular atrophy - limb | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 0 | Presenting | 2227 | Muscular atrophy - other | Musculoskeletal system finding | 1 | 0 |
| 1 | 0 | Presenting | 7565 | Musculoskeletal injury | Musculoskeletal system finding, Traumatic episode finding | 1 | 1 |
| 1 | 0 | Presenting | 19827 | Nail/claw injury | Haircoat/skin (+ appendages) finding, Traumatic episode finding, Limb finding | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|------------|------------------------|---|---|--------------|--------|
| 1 | 0 | Presenting | 18417 | Neonatal problem | Clinical finding | 1 | 1 |
| 1 | 0 | Presenting | 4719 | NOT PRESENTED FOR A COMPLAINT | Clinical finding | 1 | 0 |
| 1 | 0 | Presenting | 2228 | Nystagmus | Ophthalmology/vision finding, Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 2230 | Obesity | Weight/Body condition finding | 1 | 1 |
| 1 | 0 | Presenting | 76 | Ophthalmic (eye) abnormality | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 7583 | Ophthalmic (eye) injury | Ophthalmology/vision finding, Traumatic episode finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 2236 | Oral (mouth) abnormality - other | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 0 |
| 1 | 0 | Presenting | 2233 | Oral (mouth) abnormality - ulceration | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 1 | 0 | Presenting | 7608 | Oral (mouth) injury | Alimentary tract/Digestive system finding, Traumatic episode finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 21788 | Overgrooming (excessive grooming) | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 0 | Presenting | 2898 | Pain - abdominal | Nervous system finding, Abdominal finding | 1 | 1 |
| 1 | 0 | Presenting | 7524 | Pain - aural (ear) | Nervous system finding, Auditory system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 7569 | Pain - musculoskeletal | Nervous system finding, Musculoskeletal system finding | 1 | 1 |
| 1 | 0 | Presenting | 2899 | Pain - neck (cervical) | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 2238 | Pain - on being handled | Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 2240 | Pain - on eating/chewing | Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 7587 | Pain - ophthalmic (eye) | Nervous system finding, Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 7642 | Pain - oral (mouth) | Nervous system finding, Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 77 | Pain - other | Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 2900 | Pain - spinal | Nervous system finding, Musculoskeletal system finding, Spine (vertebrae) finding | 1 | 1 |
| 1 | 0 | Presenting | 79 | Panting | Respiratory system finding | 1 | 1 |
| 1 | 0 | Presenting | 2242 | Paresis/paralysis | Nervous system finding, Musculoskeletal system finding, Limb finding | 1 | 1 |
| 1 | 0 | Presenting | 2245 | Paronychia | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 1 | 0 |
| 1 | 0 | Presenting | 21849 | PARTURIION (WHELPING / BIRTHING) CHECK appointment | Clinical finding | 1 | 0 |
| 1 | 0 | Presenting | 2252 | Penile/preputial abnormality - other | Urogenital system finding, Reproductive system finding | 1 | 0 |
| 1 | 0 | Presenting | 2248 | Penile/preputial abnormality - paraphimosis | Urogenital system finding, Reproductive system finding | 1 | 0 |
| 1 | 0 | Presenting | 2253 | Polydipsia | Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 2255 | Polyphagia/ravenous appetite | Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 194 | Polyuria | Urogenital system finding | 1 | 1 |
| 1 | 0 | Presenting | 81 | Polyuria/polydipsia | Urogenital system finding, Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 82 | Poor performance | Musculoskeletal system finding | 0 | 1 |
| 1 | 0 | Presenting | 7505 | Poor quality of life | Clinical finding | 1 | 1 |
| 1 | 0 | Presenting | 2262 | Post-operative complication - other | Complication of medical care finding | 1 | 1 |
| 1 | 0 | Presenting | 2259 | Post-operative complication - wound related | Complication of medical care finding, Wound finding | 1 | 1 |
| 1 | 0 | Presenting | 7558 | Posture abnormal - low head carriage | Musculoskeletal system finding, Head and neck finding | 1 | 0 |
| 1 | 0 | Presenting | 7554 | Posture abnormal - other | Musculoskeletal system finding | 1 | 1 |
| 1 | 0 | Presenting | 15541 | Presented for investigation of abnormal test result | Clinical finding | 1 | 1 |
| 1 | 0 | Presenting | 15537 | Presented for radioactive iodine treatment | Clinical finding | 1 | 0 |
| 1 | 0 | Presenting | 15540 | Presented for specific therapeutic intervention | Clinical finding | 1 | 1 |
| 1 | 0 | Presenting | 4670 | Presenting complaint not listed | Clinical finding | 1 | 0 |
| 1 | 0 | Presenting | 84 | Pruritus | Haircoat/skin (+ appendages) finding, Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 2263 | Pupillary abnormality - anisocoria | Ophthalmology/vision finding, Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 0 | Presenting | 2267 | Pupillary abnormality - other | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 1 | 0 | Presenting | 2294 | Pyrexia/hyperthermia | Body temperature finding | 1 | 1 |
| 1 | 0 | Presenting | 2268 | Recumbency/reluctance to move | Musculoskeletal system finding, Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 2270 | Red eye | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 4671 | RE-EXAMINATION appointment | Clinical finding | 1 | 1 |
| 1 | 0 | Presenting | 86 | Regurgitation | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 0 | Presenting | 88 | Respiratory noise increased | Respiratory system finding | 1 | 1 |
| 1 | 0 | Presenting | 90 | Salivation - increased/drooling | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 93 | Seizure(s) | Nervous system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 2275 | Skeletal abnormality - acquired | Musculoskeletal system finding | 1 | 0 |
| 1 | 0 | Presenting | 2279 | Skeletal abnormality - congenital | Musculoskeletal system finding, Congenital finding | 1 | 0 |
| 1 | 0 | Presenting | 2281 | Skin (cutaneous) abnormality - eruptions/hives/rash | Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 0 | Presenting | 2283 | Skin (cutaneous) abnormality - other | Haircoat/skin (+ appendages) finding | 1 | 1 |
| 1 | 0 | Presenting | 96 | Sneezing | Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 7624 | Stertor (snoring) | Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 7573 | Stiffness | Musculoskeletal system finding | 1 | 1 |
| 1 | 0 | Presenting | 7597 | Strabismus | Ophthalmology/vision finding, Nervous system finding, Head and neck finding | 1 | 0 |
| 1 | 0 | Presenting | 7627 | Stridor | Respiratory system finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 2284 | Tachypnoea | Respiratory system finding | 1 | 1 |
| 1 | 0 | Presenting | 2286 | Testicular/scrotal abnormality | Urogenital system finding, Reproductive system finding | 1 | 0 |
| 1 | 0 | Presenting | 21717 | Thin (underweight) | Weight/Body condition finding | 1 | 1 |
| 1 | 0 | Presenting | 7546 | Thirst decreased | Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 98 | Traumatic episode | Clinical finding | 1 | 1 |
| 1 | 0 | Presenting | 2288 | Tremors/shaking/trembling | Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 21794 | Undergrooming | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 1 | 0 | Presenting | 189 | Urination abnormal - dysuria | Urogenital system finding | 1 | 1 |
| 1 | 0 | Presenting | 2290 | Urination abnormal - inappropriate urination | Urogenital system finding | 1 | 1 |
| 1 | 0 | Presenting | 191 | Urination abnormal - oliguria | Urogenital system finding | 1 | 1 |
| 1 | 0 | Presenting | 192 | Urination abnormal - other | Urogenital system finding | 1 | 1 |
| 1 | 0 | Presenting | 193 | Urination abnormal - pollakiuria | Urogenital system finding | 1 | 1 |
| 1 | 0 | Presenting | 21743 | Urination abnormal - stranguria | Urogenital system finding | 1 | 1 |
| 1 | 0 | Presenting | 195 | Urine colour abnormal | Urogenital system finding | 1 | 1 |
| 1 | 0 | Presenting | 21173 | Urine spraying | Urogenital system finding | 1 | 0 |
| 1 | 0 | Presenting | 7601 | Uveal abnormality | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 100 | Vision impaired | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 1 | 0 | Presenting | 2292 | Vocalisation | Nervous system finding | 1 | 1 |
| 1 | 0 | Presenting | 5764 | Vomiting - haematemesis | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 0 | Presenting | 5766 | Vomiting - other | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 0 | Presenting | 21866 | Vomiting (chronicity unspecified) | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 0 | Presenting | 21868 | Vomiting, acute | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 0 | Presenting | 21870 | Vomiting, chronic | Alimentary tract/Digestive system finding | 1 | 1 |
| 1 | 0 | Presenting | 103 | Weakness | Musculoskeletal system finding | 1 | 1 |
| 1 | 0 | Presenting | 196 | Weight gain | Weight/Body condition finding | 1 | 1 |
| 1 | 0 | Presenting | 197 | Weight loss | Weight/Body condition finding | 1 | 1 |
| 1 | 0 | Presenting | 105 | Wound | Clinical finding | 1 | 1 |
| 1 | 1 | Procedure | 13475 | (De)scale and polish | Non-surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12608 | Abdominal cavity: Abscess drainage/removal | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12609 | Abdominal cavity: Exploratory laparotomy (coeliotomy) | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12610 | Abdominal cavity: Laparoscopy | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12611 | Abdominal cavity: Lymph node biopsy - percutaneous | Diagnostic procedure, Lymphatic system procedure, Immune system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12612 | Abdominal cavity: Lymph node biopsy - surgical | Diagnostic procedure, Surgical procedure, Lymphatic system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12613 | Abdominal cavity: Lymph node fine needle aspiration (FNA) | Diagnostic procedure, Lymphatic system procedure, Immune system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12617 | Abdominal cavity: other procedure | Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12614 | Abdominal cavity: Peritonitis treatment - drain placement | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12615 | Abdominal cavity: Peritonitis treatment - lavage | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12616 | Abdominal cavity: Peritonitis treatment - open peritoneal (abdominal) | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12628 | Abdominal wall: Abscess debridement and lavage (flush) | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12629 | Abdominal wall: Herniorrhaphy - femoral | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|--|--------------|--------|
| 1 | 1 | Procedure | 12630 | Abdominal wall: Herniorrhaphy - incisional | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12631 | Abdominal wall: Herniorrhaphy - inguinal | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12632 | Abdominal wall: Herniorrhaphy - scrotal | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12633 | Abdominal wall: Herniorrhaphy - umbilical | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12634 | Abdominal wall: Muscle mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12635 | Abdominal wall: Muscle mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12648 | Abdominal wall: Other mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12649 | Abdominal wall: Other mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12650 | Abdominal wall: other procedure | Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 17984 | Abdominal wall: Sinus tract exploration | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12636 | Abdominal wall: Skin (cutaneous) mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Haircoat/skin (+ appendages) procedure | 1 | 0 |
| 1 | 1 | Procedure | 12637 | Abdominal wall: Skin (cutaneous) mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Haircoat/skin (+ appendages) procedure | 1 | 0 |
| 1 | 1 | Procedure | 12638 | Abdominal wall: Subcutaneous mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Haircoat/skin (+ appendages) procedure | 1 | 0 |
| 1 | 1 | Procedure | 12639 | Abdominal wall: Subcutaneous mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Haircoat/skin (+ appendages) procedure | 1 | 0 |
| 1 | 1 | Procedure | 12640 | Abdominal wall: Traumatic rupture repair | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12641 | Abdominal wall: Wound debridement and lavage (flush) | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12642 | Abdominal wall: Wound flap closure - axial pattern | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12643 | Abdominal wall: Wound flap closure - latissimus dorsi | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12644 | Abdominal wall: Wound flap closure - myocutaneous | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12645 | Abdominal wall: Wound free graft closure | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12646 | Abdominal wall: Wound primary closure | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12647 | Abdominal wall: Wound prosthetic mesh closure | Soft Tissue surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12924 | Acetabulum: Fracture repair - external fixation (ESF) | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12925 | Acetabulum: Fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12926 | Acetabulum: Fracture revision | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12927 | Acetabulum: other procedure | Musculoskeletal system procedure, Pelvic structure procedure | 1 | 0 |
| 1 | 1 | Procedure | 12932 | Achilles tendon: Avulsion/rupture repair | Musculoskeletal system procedure, Connective tissue procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12934 | Achilles tendon: other procedure | Musculoskeletal system procedure, Connective tissue procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12933 | Achilles tendon: Superficial digital flexor luxation - retinacular repair | Musculoskeletal system procedure, Connective tissue procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12674 | Adrenal gland: Adrenalectomy | Soft Tissue surgical procedure, Endocrine system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12675 | Adrenal gland: other procedure | Endocrine system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12426 | Anus: Anal sac abscess lavage (flush) | Soft Tissue surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12427 | Anus: Anal sac mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12428 | Anus: Anal sac mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12429 | Anus: Anal sac tumour biopsy | Diagnostic procedure, Mass lesion procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12430 | Anus: Anal sac tumour excision | Soft Tissue surgical procedure, Mass lesion procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12431 | Anus: Anal sacculotomy | Soft Tissue surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12432 | Anus: Anocutaneous fistula repair | Soft Tissue surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12437 | Anus: other procedure | Alimentary tract/Digestive system procedure, Anus procedure | 1 | 0 |
| 1 | 1 | Procedure | 12433 | Anus: Perianal mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12434 | Anus: Perianal mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12435 | Anus: Perianal tumour biopsy | Diagnostic procedure, Mass lesion procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12436 | Anus: Perianal tumour excision | Soft Tissue surgical procedure, Mass lesion procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 17986 | Anus: Sinus tract exploration | Soft Tissue surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 22681 | Arthrodesis - multiple joints | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 1 |
| 1 | 1 | Procedure | 22682 | Arthroscopy - multiple joints | Endoscopy procedure, Musculoskeletal system procedure | 1 | 1 |
| 1 | 1 | Procedure | 18015 | Back (dorsum): other procedure | Back (dorsum) procedure | 1 | 0 |
| 1 | 1 | Procedure | 18012 | Back (dorsum): Sinus tract exploration | Soft Tissue surgical procedure, Back (dorsum) procedure | 1 | 0 |
| 1 | 1 | Procedure | 13577 | Bandage/dressing application | Clinical care procedure | 1 | 1 |
| 1 | 1 | Procedure | 13578 | Bandage/dressing change | Clinical care procedure | 1 | 1 |
| 1 | 1 | Procedure | 13579 | Blood sampling - arterial | Diagnostic procedure | 1 | 0 |
| 1 | 1 | Procedure | 22683 | Blood sampling - capillary | Diagnostic procedure | 1 | 1 |
| 1 | 1 | Procedure | 13580 | Blood sampling - venous (venepuncture) | Diagnostic procedure | 1 | 0 |
| 1 | 1 | Procedure | 22684 | Blood sampling (type unknown) | Diagnostic procedure | 1 | 1 |
| 1 | 1 | Procedure | 13459 | Bone biopsy | Diagnostic procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13460 | Bone graft | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13461 | Bone marrow aspiration | Diagnostic procedure, Haematopoietic system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13462 | Bone marrow core biopsy | Diagnostic procedure, Haematopoietic system procedure | 1 | 0 |
| 1 | 1 | Procedure | 11804 | Brain: Abscess removal | Neurosurgical procedure, Soft Tissue surgical procedure, Neurological system procedure | 1 | 0 |
| 1 | 1 | Procedure | 11805 | Brain: Foramen magnum decompression | Neurosurgical procedure, Neurological system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11806 | Brain: Mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Neurological system procedure | 1 | 0 |
| 1 | 1 | Procedure | 11808 | Brain: Mass lesion debulk | Neurosurgical procedure, Soft Tissue surgical procedure, Mass lesion procedure | 1 | 0 |
| 1 | 1 | Procedure | 11807 | Brain: Mass lesion excision | Neurosurgical procedure, Soft Tissue surgical procedure, Mass lesion procedure | 1 | 0 |
| 1 | 1 | Procedure | 11813 | Brain: other procedure | Neurological system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11809 | Brain: Tumour biopsy | Neurosurgical procedure, Diagnostic procedure, Mass lesion procedure | 1 | 0 |
| 1 | 1 | Procedure | 11810 | Brain: Tumour debulk | Neurosurgical procedure, Soft Tissue surgical procedure, Mass lesion procedure | 1 | 0 |
| 1 | 1 | Procedure | 11811 | Brain: Tumour excision | Neurosurgical procedure, Soft Tissue surgical procedure, Mass lesion procedure | 1 | 0 |
| 1 | 1 | Procedure | 11812 | Brain: Ventriculoperitoneal (CSF) shunt | Neurosurgical procedure, Neurological system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 22685 | Bursoscopy (site unspecified) | | | |
| 1 | 1 | Procedure | 12144 | Carpus: Arthrodesis | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12145 | Carpus: Arthroscopy | Endoscopy procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12146 | Carpus: Fracture repair - external fixation (ESF) | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12147 | Carpus: Fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12148 | Carpus: Luxation reconstruction | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12150 | Carpus: other procedure | Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12149 | Carpus: Transarticular external skeletal fixation (ESF) | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13581 | Cast application | External coaptation procedure | 1 | 0 |
| 1 | 1 | Procedure | 13582 | Cast removal | External coaptation procedure | 1 | 0 |
| 1 | 1 | Procedure | 13463 | Catheter placement - epidural | Clinical care procedure, Neurological system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13464 | Catheter placement - intra-arterial (IA) | Clinical care procedure, Cardiovascular system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13469 | Catheter placement - intranasal | Clinical care procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 13470 | Catheter placement - intraosseous (IO) | Clinical care procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13466 | Catheter placement - intravenous - central | Clinical care procedure, Cardiovascular system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13467 | Catheter placement - intravenous - central, jugular | Clinical care procedure, Cardiovascular system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13468 | Catheter placement - intravenous - peripheral | Clinical care procedure, Cardiovascular system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13465 | Catheter placement - intravenous (IV) | Clinical care procedure, Cardiovascular system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13471 | Catheter placement - pericardial | Clinical care procedure, Cardiovascular system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 13472 | Catheter placement - spinal | Clinical care procedure, Neurological system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13473 | Catheter placement - urethral | Clinical care procedure, Urogenital system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13290 | Cervical spine: Atlanto-axial stabilisation | Neurosurgical procedure, Musculoskeletal system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 13291 | Cervical spine: Distraction stabilisation | Neurosurgical procedure, Musculoskeletal system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 13292 | Cervical spine: Dorsal laminectomy | Neurosurgical procedure, Musculoskeletal system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 13295 | Cervical spine: other procedure | Musculoskeletal system procedure, Head and neck procedure, Spinal procedure | 1 | 0 |
| 1 | 1 | Procedure | 13293 | Cervical spine: Stabilisation | Neurosurgical procedure, Musculoskeletal system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 13294 | Cervical spine: Ventral slot decompression | Neurosurgical procedure, Musculoskeletal system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12300 | Cranial mediastinal mass lesion: Biopsy - percutaneous | Diagnostic procedure, Mass lesion procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12301 | Cranial mediastinal mass lesion: Biopsy - surgical | Surgical procedure, Diagnostic procedure, Mass lesion procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12302 | Cranial mediastinal mass lesion: Excision | Soft Tissue surgical procedure, Mass lesion procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12303 | Cranial mediastinal mass lesion: Fine needle aspiration (FNA) | Diagnostic procedure, Mass lesion procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 13474 | Cryosurgery | Soft Tissue surgical procedure | 1 | 0 |
| 1 | 1 | Procedure | 13583 | Dermatological examination | Examination procedure, Haircoat/skin (+ appendages) procedure | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|--|--|--------------|--------|
| 1 | 1 | Procedure | 12678 | Diaphragm: Advancement | Soft Tissue surgical procedure, Musculoskeletal system procedure, T | 1 | 0 |
| 1 | 1 | Procedure | 12679 | Diaphragm: Herniorrhaphy - diaphragmatic | Soft Tissue surgical procedure, Musculoskeletal system procedure, T | 1 | 0 |
| 1 | 1 | Procedure | 12680 | Diaphragm: Herniorrhaphy - peritoneopericardial diaphragmatic (PPD) | Soft Tissue surgical procedure, Musculoskeletal system procedure, T | 1 | 0 |
| 1 | 1 | Procedure | 12683 | Diaphragm: other procedure | Musculoskeletal system procedure, Thoracic procedure, Abdominal p | 1 | 0 |
| 1 | 1 | Procedure | 12681 | Diaphragm: Phrenicoplasty | Soft Tissue surgical procedure, Musculoskeletal system procedure, T | 1 | 0 |
| 1 | 1 | Procedure | 12682 | Diaphragm: Traumatic rupture repair | Soft Tissue surgical procedure, Musculoskeletal system procedure, T | 1 | 0 |
| 1 | 1 | Procedure | 11824 | Ear (aural): Aural haematoma drainage - percutaneous | Auditory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11825 | Ear (aural): Aural haematoma surgery | Soft Tissue surgical procedure, Auditory system procedure, Head an | 1 | 0 |
| 1 | 1 | Procedure | 11826 | Ear (aural): Examination under general anaesthesia | Examination procedure, Auditory system procedure, Head and neck | 1 | 0 |
| 1 | 1 | Procedure | 11827 | Ear (aural): Flush (lavage) | Auditory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11828 | Ear (aural): Lateral wall resection (LWR) | Soft Tissue surgical procedure, Auditory system procedure, Head an | 1 | 0 |
| 1 | 1 | Procedure | 11829 | Ear (aural): Myringotomy | Auditory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11836 | Ear (aural): other procedure | Auditory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11830 | Ear (aural): Pinnectomy - partial | Soft Tissue surgical procedure, Auditory system procedure, Head an | 1 | 0 |
| 1 | 1 | Procedure | 11831 | Ear (aural): Pinnectomy - total | Soft Tissue surgical procedure, Auditory system procedure, Head an | 1 | 0 |
| 1 | 1 | Procedure | 11832 | Ear (aural): Total ear canal ablation (TECA) with lateral bulla osteot | Soft Tissue surgical procedure, Auditory system procedure, Head an | 1 | 0 |
| 1 | 1 | Procedure | 11833 | Ear (aural): Ventral bulla osteotomy (VBO) | Soft Tissue surgical procedure, Auditory system procedure, Head an | 1 | 0 |
| 1 | 1 | Procedure | 11834 | Ear (aural): Vertical canal ablation | Soft Tissue surgical procedure, Auditory system procedure, Head an | 1 | 0 |
| 1 | 1 | Procedure | 11835 | Ear (aural): Vertical canal incision and biopsy | Surgical procedure, Diagnostic procedure, Auditory system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12172 | Elbow: Arthrodesis | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12173 | Elbow: Arthroscopy | Endoscopy procedure, Musculoskeletal system procedure, Limb proc | 1 | 0 |
| 1 | 1 | Procedure | 12174 | Elbow: Exploratory arthrotomy | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12175 | Elbow: Luxation - closed reduction | Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12176 | Elbow: Luxation - open reduction | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12179 | Elbow: other procedure | Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12177 | Elbow: Transarticular external skeletal fixation (ESF) | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12178 | Elbow: Ununited anconeal process (UAP) repair | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 22687 | Epidural anaesthesia | Anaesthesia procedure | 1 | 1 |
| 1 | 1 | Procedure | 13477 | Epidural injection | Clinical care procedure, Neurological system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13478 | Euthanasia | Non-surgical procedure | 1 | 1 |
| 1 | 1 | Procedure | 13479 | External skeletal fixator (ESF) down-staging | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13480 | External skeletal fixator (ESF) removal | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 11850 | Eye: Canthoplasty - lateral | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11851 | Eye: Canthoplasty - medial | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11852 | Eye: Conjunctival pedicle graft | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11853 | Eye: Corneal foreign body removal | Foreign body removal procedure, Ophthalmic (eye) procedure, Head a | 1 | 0 |
| 1 | 1 | Procedure | 11854 | Eye: Corneal laceration repair | Soft Tissue surgical procedure, Ophthalmic (eye) procedure, Head an | 1 | 0 |
| 1 | 1 | Procedure | 11855 | Eye: Corneoscleral transposition | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11856 | Eye: Cyclophotocoagulation | Surgical procedure, Laser procedure, Ophthalmic (eye) procedure, H | 1 | 0 |
| 1 | 1 | Procedure | 11857 | Eye: Distichiasis removal - bilateral | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11858 | Eye: Distichiasis removal - unilateral | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11859 | Eye: Ectopic cilia removal | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11860 | Eye: Ectropion correction - bilateral | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11861 | Eye: Ectropion correction - unilateral | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11862 | Eye: Entropion correction - bilateral | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11864 | Eye: Entropion correction - temporary eyelid tacking | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11863 | Eye: Entropion correction - unilateral | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11865 | Eye: Enucleation | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11866 | Eye: Exenteration | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11867 | Eye: Extracapsular lens extraction | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11868 | Eye: Eyelid mass lesion removal | Soft Tissue surgical procedure, Mass lesion procedure, Ophthalmic (| 1 | 0 |
| 1 | 1 | Procedure | 11869 | Eye: Eyelid tumour removal | Soft Tissue surgical procedure, Mass lesion procedure, Ophthalmic (| 1 | 0 |
| 1 | 1 | Procedure | 11870 | Eye: Grid keratotomy | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11871 | Eye: Imperforate punctum (lacrimal punctal aplasia) correction | Ophthalmic (eye) procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11873 | Eye: Keratectomy - superficial | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11872 | Eye: Keratectomy (unspecified) | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11874 | Eye: Keratotomy (unspecified) | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11875 | Eye: Lens luxation surgery | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11876 | Eye: Meibomian cyst removal | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11877 | Eye: Meibomian gland resection | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11878 | Eye: Nasolacrimal (tear) duct cannulation | Non-surgical procedure, Ophthalmic (eye) procedure, Head and neck | 1 | 0 |
| 1 | 1 | Procedure | 11879 | Eye: Nasolacrimal (tear) duct flush | Non-surgical procedure, Ophthalmic (eye) procedure, Head and neck | 1 | 0 |
| 1 | 1 | Procedure | 11880 | Eye: Nictitans (third eyelid) gland prolapse (Cherry eye) repair | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11881 | Eye: Nictitans (third eyelid) gland removal | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11888 | Eye: other procedure | Ophthalmic (eye) procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11884 | Eye: Parotid duct transposition | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11885 | Eye: Phacoemulsification - bilateral | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11886 | Eye: Phacoemulsification - unilateral | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 11887 | Eye: Proptosis repair | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 22688 | Eye: Sub-palpebral lavage system placement | Ophthalmic (eye) procedure, Head and neck procedure | 0 | 1 |
| 1 | 1 | Procedure | 22689 | Eye: Third eyelid (nictitating membrane) removal | Soft Tissue surgical procedure, Ophthalmic (eye) procedure, Head an | 1 | 1 |
| 1 | 1 | Procedure | 11882 | Eye: Third eyelid (nictitating membrane) laceration repair | Soft Tissue surgical procedure, Ophthalmic (eye) procedure, Head an | 1 | 0 |
| 1 | 1 | Procedure | 11883 | Eye: Third eyelid flap | Surgical procedure, Ophthalmic (eye) procedure, Head and neck proc | 1 | 0 |
| 1 | 1 | Procedure | 13485 | Feeding tube placement - enterostomy - duodenal (duodenostomy) | Soft Tissue surgical procedure, Clinical care procedure, Alimentary tr | 1 | 0 |
| 1 | 1 | Procedure | 13486 | Feeding tube placement - enterostomy - jejunal (jejunostomy) | Soft Tissue surgical procedure, Clinical care procedure, Alimentary tr | 1 | 0 |
| 1 | 1 | Procedure | 13484 | Feeding tube placement - gastrojejunal (GJ) tube | Clinical care procedure, Alimentary tract/Digestive system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13481 | Feeding tube placement - gastrostomy - non-endoscopically | Clinical care procedure, Alimentary tract/Digestive system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13482 | Feeding tube placement - gastrostomy - PEG tube | Clinical care procedure, Alimentary tract/Digestive system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13483 | Feeding tube placement - gastrostomy - via/at laparotomy | Soft Tissue surgical procedure, Clinical care procedure, Alimentary tr | 1 | 0 |
| 1 | 1 | Procedure | 13488 | Feeding tube placement - nasogastric (NG tube) | Clinical care procedure, Alimentary tract/Digestive system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13487 | Feeding tube placement - naso-oesophageal (NO tube) | Clinical care procedure, Alimentary tract/Digestive system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13490 | Feeding tube placement - oesophagojejunal (OJ) tube | Clinical care procedure, Alimentary tract/Digestive system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13489 | Feeding tube placement - oesophagostomy (O tube) | Clinical care procedure, Alimentary tract/Digestive system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13491 | Feeding tube placement - pharyngostomy | Clinical care procedure, Alimentary tract/Digestive system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13122 | Femur: Fracture repair - external fixation (ESF) | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13124 | Femur: Fracture repair - internal and external fixation (ESF) | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13123 | Femur: Fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13125 | Femur: Fracture revision | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13126 | Femur: Osteotomy/ostectomy - corrective | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13127 | Femur: other procedure | Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13134 | Fibula: Fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13135 | Fibula: other procedure | Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13492 | Fluid tap (centesis) - Abdominocentesis | Non-surgical procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 22687 | Fluid tap (centesis) - Abdominocentesis (belly tap) | Non-surgical procedure, Abdominal procedure | 0 | 1 |
| 1 | 1 | Procedure | 13493 | Fluid tap (centesis) - Aqueocentesis (aqueous humour aspiration) | Non-surgical procedure, Ophthalmic (eye) procedure, Head and neck | 1 | 0 |
| 1 | 1 | Procedure | 22686 | Fluid tap (centesis) - Arthrocentesis (joint tap), Synoviocentesis | Non-surgical procedure, Musculoskeletal system procedure | 0 | 1 |
| 1 | 1 | Procedure | 13494 | Fluid tap (centesis) - Arthrocentesis (joint tap) | Non-surgical procedure, Musculoskeletal system procedure | 1 | 1 |
| 1 | 1 | Procedure | 13495 | Fluid tap (centesis) - Cerebrospinal fluid (CSF), cisternal | Non-surgical procedure, Neurological system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13496 | Fluid tap (centesis) - Cerebrospinal fluid (CSF), lumbar | Non-surgical procedure, Neurological system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13497 | Fluid tap (centesis) - Cystocentesis (bladder) | Non-surgical procedure, Urogenital system procedure, Abdominal pro | 1 | 0 |
| 1 | 1 | Procedure | 13498 | Fluid tap (centesis) - Gallbladder aspiration | Non-surgical procedure, Hepatobiliary system procedure, Abdominal p | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|---|--------------|--------|
| 1 | 1 | Procedure | 13499 | Fluid tap (centesis) - Pericardiocentesis | Non-surgical procedure, Cardiovascular system procedure, Thoracic | 1 | 0 |
| 1 | 1 | Procedure | 13500 | Fluid tap (centesis) - Thoracocentesis | Non-surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 13501 | Fluid therapy administration - intraosseous (IO) | Non-surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13502 | Fluid therapy administration - intraarterial (IA) | Non-surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 13503 | Fluid therapy administration - intravenous (IV) | Non-surgical procedure, Cardiovascular system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13504 | Fluid therapy administration - per os (PO) | Non-surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13505 | Fluid therapy administration - subcutaneous (SC) | Non-surgical procedure, Haircoat/skin (+ appendages) procedure | 1 | 0 |
| 1 | 1 | Procedure | 13584 | Fly strike (myiasis) treatment | Non-surgical procedure | 1 | 0 |
| 1 | 1 | Procedure | 22700 | Fracture repair (site and type unspecified) | Musculoskeletal system procedure | 0 | 1 |
| 1 | 1 | Procedure | 12450 | Gallbladder: Bile duct stenting | Soft Tissue surgical procedure, Hepatobiliary system procedure, Abd | 1 | 0 |
| 1 | 1 | Procedure | 12451 | Gallbladder: Bile flow diversion | Soft Tissue surgical procedure, Hepatobiliary system procedure, Abd | 1 | 0 |
| 1 | 1 | Procedure | 12452 | Gallbladder: Cholecystectomy | Soft Tissue surgical procedure, Hepatobiliary system procedure, Abd | 1 | 0 |
| 1 | 1 | Procedure | 12453 | Gallbladder: Cholecystoduodenostomy | Soft Tissue surgical procedure, Hepatobiliary system procedure, Alim | 1 | 0 |
| 1 | 1 | Procedure | 12454 | Gallbladder: Cholecystojejunostomy | Soft Tissue surgical procedure, Hepatobiliary system procedure, Alim | 1 | 0 |
| 1 | 1 | Procedure | 12455 | Gallbladder: Cholecystotomy | Soft Tissue surgical procedure, Hepatobiliary system procedure, Abd | 1 | 0 |
| 1 | 1 | Procedure | 12457 | Gallbladder: Choledochoduodenostomy | Soft Tissue surgical procedure, Hepatobiliary system procedure, Alim | 1 | 0 |
| 1 | 1 | Procedure | 12458 | Gallbladder: Choledochojejunostomy | Soft Tissue surgical procedure, Hepatobiliary system procedure, Alim | 1 | 0 |
| 1 | 1 | Procedure | 12456 | Gallbladder: Choledochotomy | Soft Tissue surgical procedure, Hepatobiliary system procedure, Abd | 1 | 0 |
| 1 | 1 | Procedure | 12460 | Gallbladder: other procedure | Hepatobiliary system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12459 | Gallbladder: Sphincterotomy | Soft Tissue surgical procedure, Hepatobiliary system procedure, Abd | 1 | 0 |
| 1 | 1 | Procedure | 15232 | General anaesthesia | Anaesthesia procedure | 1 | 0 |
| 1 | 1 | Procedure | 13585 | General examination | Examination procedure | 1 | 0 |
| 1 | 1 | Procedure | 12309 | Great vessels: other procedure | Cardiovascular system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12308 | Great vessels: Vascular ring anomaly (VRA) transection | Cardiovascular system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 11928 | Hard palate: Cleft palate reconstruction | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 11929 | Hard palate: Oronasal fistula repair | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 11931 | Hard palate: other procedure | Alimentary tract/Digestive system procedure, Head and neck procedu | 1 | 0 |
| 1 | 1 | Procedure | 11930 | Hard palate: Traumatic cleft (split) repair | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 11936 | Head and neck: Abscess debridement and lavage (flush) | Soft Tissue surgical procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11937 | Head and neck: Dental | Non-surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 22671 | Head and neck: Dental (type unspecified) | Non-surgical procedure, Alimentary tract/Digestive system procedure | 1 | 1 |
| 1 | 1 | Procedure | 22677 | Head and neck: Dental with extraction, canine | Non-surgical procedure, Alimentary tract/Digestive system procedure | 0 | 1 |
| 1 | 1 | Procedure | 22678 | Head and neck: Dental with extraction, cheek tooth | Non-surgical procedure, Alimentary tract/Digestive system procedure | 0 | 1 |
| 1 | 1 | Procedure | 22679 | Head and neck: Dental with extraction, deciduous premolar (retained) | Non-surgical procedure, Alimentary tract/Digestive system procedure | 0 | 1 |
| 1 | 1 | Procedure | 22676 | Head and neck: Dental with extraction, incisor | Non-surgical procedure, Alimentary tract/Digestive system procedure | 0 | 1 |
| 1 | 1 | Procedure | 22675 | Head and neck: Dental with extraction, wolf tooth | Non-surgical procedure, Alimentary tract/Digestive system procedure | 0 | 1 |
| 1 | 1 | Procedure | 22674 | Head and neck: Dental with extractions (unspecified) | Non-surgical procedure, Alimentary tract/Digestive system procedure | 0 | 1 |
| 1 | 1 | Procedure | 22680 | Head and neck: Dental, endodontic (root canal) therapy | Non-surgical procedure, Alimentary tract/Digestive system procedure | 1 | 1 |
| 1 | 1 | Procedure | 22672 | Head and neck: Dental, routine | Non-surgical procedure, Alimentary tract/Digestive system procedure | 1 | 1 |
| 1 | 1 | Procedure | 11939 | Head and neck: Muscle biopsy | Diagnostic procedure, Musculoskeletal system procedure, Head and | 1 | 0 |
| 1 | 1 | Procedure | 11943 | Head and neck: Muscle mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Musculoskeletal syste | 1 | 0 |
| 1 | 1 | Procedure | 11942 | Head and neck: Muscle mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Musculoskele | 1 | 0 |
| 1 | 1 | Procedure | 11940 | Head and neck: Nerve biopsy | Diagnostic procedure, Neurological system procedure, Head and neck | 1 | 0 |
| 1 | 1 | Procedure | 18029 | Head and neck: Oropharyngeal stick injury exploration and debrideme | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 11954 | Head and neck: Other mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Head and neck proced | 1 | 0 |
| 1 | 1 | Procedure | 11953 | Head and neck: Other mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Head and neck | 1 | 0 |
| 1 | 1 | Procedure | 11955 | Head and neck: other procedure | Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11941 | Head and neck: Retrobulbar abscess drainage | Soft Tissue surgical procedure, Ophthalmic (eye) procedure, Head an | 1 | 0 |
| 1 | 1 | Procedure | 17988 | Head and neck: Sinus tract exploration | Soft Tissue surgical procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11945 | Head and neck: Skin (cutaneous) mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Haircoat/skin (+ appen | 1 | 0 |
| 1 | 1 | Procedure | 11944 | Head and neck: Skin (cutaneous) mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Haircoat/skin | 1 | 0 |
| 1 | 1 | Procedure | 11947 | Head and neck: Subcutaneous mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Haircoat/skin (+ appen | 1 | 0 |
| 1 | 1 | Procedure | 11946 | Head and neck: Subcutaneous mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Haircoat/skin | 1 | 0 |
| 1 | 1 | Procedure | 18025 | Head and neck: Tonsillectomy | Soft Tissue surgical procedure, Lymphatic system procedure, Immun | 1 | 0 |
| 1 | 1 | Procedure | 22509 | Head and neck: Upper respiratory tract (URT) endoscopy | Endoscopy procedure, Respiratory system procedure, Head and neck | 0 | 1 |
| 1 | 1 | Procedure | 22510 | Head and neck: Upper respiratory tract (URT) endoscopy - overland | Endoscopy procedure, Respiratory system procedure, Head and neck | 0 | 1 |
| 1 | 1 | Procedure | 11948 | Head and neck: Wound debridement and lavage (flush) | Soft Tissue surgical procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11949 | Head and neck: Wound flap closure - axial pattern | Soft Tissue surgical procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11950 | Head and neck: Wound flap closure - random pattern | Soft Tissue surgical procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11951 | Head and neck: Wound free graft closure | Soft Tissue surgical procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11952 | Head and neck: Wound primary closure | Soft Tissue surgical procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12312 | Heart (cardiac): Balloon valvuloplasty of pulmonic stenosis | Interventional Radiology procedure, Cardiovascular system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12313 | Heart (cardiac): Cardiopulmonary bypass (unspecified) | Cardiovascular system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12314 | Heart (cardiac): Cardiopulmonary bypass for patch graft | Soft Tissue surgical procedure, Cardiovascular system procedure, Th | 1 | 0 |
| 1 | 1 | Procedure | 12315 | Heart (cardiac): Cardiopulmonary bypass for valve replacement | Soft Tissue surgical procedure, Cardiovascular system procedure, Th | 1 | 0 |
| 1 | 1 | Procedure | 22702 | Heart (cardiac): Cardioversion - electrical (DC) | Non-surgical procedure, Cardiovascular system procedure, Thoracic | 1 | 1 |
| 1 | 1 | Procedure | 22703 | Heart (cardiac): Cardioversion - medical | Non-surgical procedure, Cardiovascular system procedure, Thoracic | 1 | 1 |
| 1 | 1 | Procedure | 12316 | Heart (cardiac): Epicardial pacemaker placement | Soft Tissue surgical procedure, Cardiovascular system procedure, Th | 1 | 0 |
| 1 | 1 | Procedure | 12325 | Heart (cardiac): other procedure | Cardiovascular system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12319 | Heart (cardiac): Patent ductus arteriosus (PDA) closure - Amplatz can | Interventional Radiology procedure, Cardiovascular system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12317 | Heart (cardiac): Patent ductus arteriosus (PDA) closure - Amplatzer di | Interventional Radiology procedure, Cardiovascular system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12318 | Heart (cardiac): Patent ductus arteriosus (PDA) closure - Amplatzer v | Interventional Radiology procedure, Cardiovascular system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12320 | Heart (cardiac): Patent ductus arteriosus (PDA) closure - surgical liga | Soft Tissue surgical procedure, Cardiovascular system procedure, Th | 1 | 0 |
| 1 | 1 | Procedure | 12321 | Heart (cardiac): Pericardectomy - subtotal | Soft Tissue surgical procedure, Cardiovascular system procedure, Th | 1 | 0 |
| 1 | 1 | Procedure | 12322 | Heart (cardiac): Pericardectomy - total | Soft Tissue surgical procedure, Cardiovascular system procedure, Th | 1 | 0 |
| 1 | 1 | Procedure | 12323 | Heart (cardiac): Pericardotomy | Soft Tissue surgical procedure, Cardiovascular system procedure, Th | 1 | 0 |
| 1 | 1 | Procedure | 12324 | Heart (cardiac): Transvenous pacemaker placement | Cardiovascular system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 13138 | Hip: Femoral head and neck excision (FHNE) | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13139 | Hip: Joint reduction - closed | Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13140 | Hip: Joint reduction, open - dorsal suture | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13141 | Hip: Joint reduction, open - imbrication | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13142 | Hip: Joint reduction, open - toggle | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13143 | Hip: Joint reduction, open - transarticular pin | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13150 | Hip: other procedure | Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13144 | Hip: Pubic symphysiodesis | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13145 | Hip: Total hip replacement - cemented | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13146 | Hip: Total hip replacement - cementless | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13147 | Hip: Total hip replacement - hybrid | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13148 | Hip: Total hip replacement revision | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13149 | Hip: Triple pelvic osteotomy (TPO) | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12188 | Humerus: Fracture repair - external fixation (ESF) | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12190 | Humerus: Fracture repair - internal and external (ESF) fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12189 | Humerus: Fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12191 | Humerus: Fracture revision | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12192 | Humerus: other procedure | Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13164 | Ilium: Fracture repair - external fixation (ESF) | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13165 | Ilium: Fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13167 | Ilium: other procedure | Musculoskeletal system procedure, Pelvic structure procedure | 1 | 0 |
| 1 | 1 | Procedure | 13166 | Ilium: Sacroiliac luxation/fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 22704 | Intra-articular anaesthesia | Anaesthesia procedure, Musculoskeletal system procedure | 0 | 1 |
| 1 | 1 | Procedure | 13506 | Intradermal test | Diagnostic procedure, Haircoat/skin (+ appendages) procedure | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|--|--------------|--------|
| 1 | 1 | Procedure | 13507 | Intramedullary (IM) pin removal | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 22706 | Intra-synovial anaesthesia | Anaesthesia procedure, Musculoskeletal system procedure | 0 | 1 |
| 1 | 1 | Procedure | 13172 | Ischium: Fracture repair - external fixation (ESF) | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13173 | Ischium: Fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13174 | Ischium: other procedure | Musculoskeletal system procedure, Pelvic structure procedure | 1 | 0 |
| 1 | 1 | Procedure | 12716 | Kidney (renal): Biopsy - percutaneous | Diagnostic procedure, Urogenital system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12717 | Kidney (renal): Biopsy - surgical | Soft Tissue surgical procedure, Diagnostic procedure, Urogenital system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12718 | Kidney (renal): Fine needle aspiration (FNA) | Diagnostic procedure, Urogenital system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12719 | Kidney (renal): Nephrectomy | Soft Tissue surgical procedure, Diagnostic procedure, Urogenital system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12720 | Kidney (renal): Nephrotomy | Soft Tissue surgical procedure, Diagnostic procedure, Urogenital system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12722 | Kidney (renal): other procedure | Urogenital system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12721 | Kidney (renal): Tube nephrostomy | Urogenital system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 13586 | Lameness examination | Examination procedure, Musculoskeletal system procedure, Neurology procedure | 1 | 0 |
| 1 | 1 | Procedure | 12472 | Large intestine: Biopsy - endoscopic | Diagnostic procedure, Endoscopy procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12473 | Large intestine: Biopsy - surgical | Soft Tissue surgical procedure, Diagnostic procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12479 | Large intestine: Colectomy - subtotal | Soft Tissue surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12478 | Large intestine: Colectomy and anastomosis | Soft Tissue surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12480 | Large intestine: Colopexy | Soft Tissue surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12477 | Large intestine: Colotomy | Soft Tissue surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12474 | Large intestine: Endoscopy | Endoscopy procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12475 | Large intestine: Enema | Non-surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12476 | Large intestine: Enema and manual evacuation | Non-surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12488 | Large intestine: other procedure | Alimentary tract/Digestive system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12481 | Large intestine: Proctectomy and anastomosis | Soft Tissue surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12482 | Large intestine: Rectal eversion and mass excision | Soft Tissue surgical procedure, Mass lesion procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12483 | Large intestine: Rectal fistula closure | Soft Tissue surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12484 | Large intestine: Rectal prolapse repair - manual reduction and purse string | Soft Tissue surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12485 | Large intestine: Rectal prolapse repair - other | Soft Tissue surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12486 | Large intestine: Rectal pull-through | Soft Tissue surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12487 | Large intestine: Typhlectomy | Soft Tissue surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13587 | Laryngeal examination | Examination procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11976 | Larynx: Arytenoid lateralisation (laryngeal tie-back) - bilateral | Soft Tissue surgical procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11977 | Larynx: Arytenoid lateralisation (laryngeal tie-back) - unilateral | Soft Tissue surgical procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11978 | Larynx: Biopsy | Diagnostic procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11979 | Larynx: Everted sacculae removal | Soft Tissue surgical procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 22690 | Larynx: Laryngeal tie-forward | Soft Tissue surgical procedure, Respiratory system procedure, Head and neck procedure | 0 | 1 |
| 1 | 1 | Procedure | 11980 | Larynx: Laryngotomy | Soft Tissue surgical procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11984 | Larynx: other procedure | Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11982 | Larynx: Partial laryngectomy | Soft Tissue surgical procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11981 | Larynx: Tumour removal | Soft Tissue surgical procedure, Mass lesion procedure, Respiratory system procedure | 1 | 0 |
| 1 | 1 | Procedure | 22691 | Larynx: Ventriculectomy (Hobday) | Soft Tissue surgical procedure, Respiratory system procedure, Head and neck procedure | 0 | 1 |
| 1 | 1 | Procedure | 11983 | Larynx: Vocal fold resection | Soft Tissue surgical procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 11994 | Lip: Cheiloplasty (surgical repair of lip defect) | Soft Tissue surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 11995 | Lip: Cheilorrhaphy (suturing of lip) | Soft Tissue surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 11996 | Lip: other procedure | Alimentary tract/Digestive system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12506 | Liver (hepatic): Biopsy - percutaneous | Diagnostic procedure, Hepatobiliary system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12507 | Liver (hepatic): Biopsy - surgical | Soft Tissue surgical procedure, Diagnostic procedure, Hepatobiliary system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12508 | Liver (hepatic): Fine needle aspiration (FNA) | Diagnostic procedure, Hepatobiliary system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12511 | Liver (hepatic): Hepatectomy - other | Soft Tissue surgical procedure, Hepatobiliary system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12509 | Liver (hepatic): Lobectomy - complete | Soft Tissue surgical procedure, Hepatobiliary system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12510 | Liver (hepatic): Lobectomy - partial | Soft Tissue surgical procedure, Hepatobiliary system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12516 | Liver (hepatic): other procedure | Hepatobiliary system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12512 | Liver (hepatic): Portosystemic shunt (PSS) ligation, extra-hepatic - full | Soft Tissue surgical procedure, Cardiovascular system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12513 | Liver (hepatic): Portosystemic shunt (PSS) ligation, extra-hepatic - partial | Soft Tissue surgical procedure, Cardiovascular system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12514 | Liver (hepatic): Portosystemic shunt (PSS) ligation, intra-hepatic - full | Soft Tissue surgical procedure, Cardiovascular system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12515 | Liver (hepatic): Portosystemic shunt (PSS) ligation, intra-hepatic - partial | Soft Tissue surgical procedure, Cardiovascular system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 18019 | Liver (hepatic): Portosystemic shunt (PSS) progressive attenuation, extra-hepatic | Soft Tissue surgical procedure, Cardiovascular system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 18020 | Liver (hepatic): Portosystemic shunt (PSS) progressive attenuation, intra-hepatic | Soft Tissue surgical procedure, Cardiovascular system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 15234 | Local anaesthesia | Anaesthesia procedure | 1 | 0 |
| 1 | 1 | Procedure | 13302 | Lumbar spine: Dorsal laminectomy | Neurosurgical procedure, Spinal (vertebral column) procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 13303 | Lumbar spine: Hemilaminectomy | Neurosurgical procedure, Spinal (vertebral column) procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 13305 | Lumbar spine: other procedure | Spinal (vertebral column) procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 13304 | Lumbar spine: Stabilisation | Neurosurgical procedure, Spinal (vertebral column) procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 13310 | Lumbosacral spine: Dorsal laminectomy | Neurosurgical procedure, Spinal (vertebral column) procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 13312 | Lumbosacral spine: other procedure | Neurosurgical procedure, Spinal (vertebral column) procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 13311 | Lumbosacral spine: Stabilisation | Neurosurgical procedure, Spinal (vertebral column) procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12340 | Lung: Biopsy - percutaneous | Diagnostic procedure, Respiratory system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12341 | Lung: Biopsy - surgical | Surgical procedure, Diagnostic procedure, Respiratory system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12342 | Lung: Bronchoalveolar lavage (BAL) | Non-surgical procedure, Diagnostic procedure, Respiratory system procedure | 1 | 1 |
| 1 | 1 | Procedure | 12343 | Lung: Bronchoscopy | Endoscopy procedure, Diagnostic procedure, Respiratory system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12344 | Lung: Fine needle aspiration (FNA) | Diagnostic procedure, Respiratory system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12345 | Lung: Foreign body removal | Foreign body removal procedure, Respiratory system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12346 | Lung: Lobectomy - complete | Soft Tissue surgical procedure, Respiratory system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12347 | Lung: Lobectomy - partial | Soft Tissue surgical procedure, Respiratory system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12348 | Lung: other procedure | Respiratory system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12690 | Mammary gland: Lumpectomy | Soft Tissue surgical procedure, Mass lesion procedure, Reproductive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12691 | Mammary gland: Mastectomy | Soft Tissue surgical procedure, Reproductive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12692 | Mammary gland: Mastectomy - complete bilateral | Soft Tissue surgical procedure, Reproductive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12693 | Mammary gland: Mastectomy - complete unilateral | Soft Tissue surgical procedure, Reproductive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12694 | Mammary gland: Mastectomy - regional | Soft Tissue surgical procedure, Reproductive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 17990 | Mammary gland: Sinus tract exploration | Soft Tissue surgical procedure, Reproductive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12000 | Mandible: Fracture repair - external fixation (ESF) | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12001 | Mandible: Fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12002 | Mandible: Hemimandibulectomy - complete | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12003 | Mandible: Mandibulectomy - bilateral | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12004 | Mandible: Mandibulectomy - rostral central | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12005 | Mandible: Mandibulectomy - unilateral | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12010 | Mandible: other procedure | Musculoskeletal system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12006 | Mandible: Symphyseal separation repair | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12008 | Mandible: Temporomandibular joint (TMJ) excision arthroplasty | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12007 | Mandible: Temporomandibular joint (TMJ) luxation reduction | Musculoskeletal system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12009 | Mandible: Zygomatic arch excision | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12022 | Maxilla: Fracture repair - external fixation (ESF) | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12023 | Maxilla: Fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12024 | Maxilla: Hemimaxillectomy - complete | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12025 | Maxilla: Maxillectomy - bilateral | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12026 | Maxilla: Maxillectomy - rostral central | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12027 | Maxilla: Maxillectomy - unilateral | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12028 | Maxilla: other procedure | Musculoskeletal system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 22692 | Maxilla: Premaxillectomy | Orthopaedic surgical procedure, Musculoskeletal system procedure | 1 | 1 |
| 1 | 1 | Procedure | 12198 | Metacarpal fracture repair - external coaptation | External coaptation procedure, Musculoskeletal system procedure | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|---|--------------|--------|
| 1 | 1 | Procedure | 12199 | Metacarpal fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12200 | Metacarpal fracture revision | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12201 | Metacarpal pad wound closure | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12202 | Metacarpal: other procedure | Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13178 | Metatarsal fracture repair - external coaptation | External coaptation procedure, Musculoskeletal system procedure, L | 1 | 0 |
| 1 | 1 | Procedure | 13179 | Metatarsal fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13180 | Metatarsal fracture revision | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13181 | Metatarsal pad wound closure | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13182 | Metatarsal: other procedure | Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13588 | Nail clip | Non-surgical procedure, Haircoat/skin (+ appendages) procedure, Lim | 1 | 0 |
| 1 | 1 | Procedure | 13589 | Nail removal | Soft Tissue surgical procedure, Haircoat/skin (+ appendages) proced | 1 | 0 |
| 1 | 1 | Procedure | 12037 | Nares: other procedure | Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12036 | Nares: Stenotic nares correction | Soft Tissue surgical procedure, Respiratory system procedure, Head | 1 | 0 |
| 1 | 1 | Procedure | 12040 | Nasal cavity: Biopsy | Diagnostic procedure, Respiratory system procedure, Head and neck | 1 | 0 |
| 1 | 1 | Procedure | 12041 | Nasal cavity: Foreign body removal | Foreign body removal procedure, Respiratory system procedure, Hea | 1 | 0 |
| 1 | 1 | Procedure | 12042 | Nasal cavity: Lavage (flush) | Non-surgical procedure, Respiratory system procedure, Head and ne | 1 | 0 |
| 1 | 1 | Procedure | 12046 | Nasal cavity: other procedure | Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12043 | Nasal cavity: Rhinoscopy | Endoscopy procedure, Respiratory system procedure, Head and neck | 1 | 0 |
| 1 | 1 | Procedure | 12044 | Nasal cavity: Rhinotomy - dorsal | Soft Tissue surgical procedure, Respiratory system procedure, Head | 1 | 0 |
| 1 | 1 | Procedure | 12045 | Nasal cavity: Rhinotomy - ventral | Soft Tissue surgical procedure, Respiratory system procedure, Head | 1 | 0 |
| 1 | 1 | Procedure | 12054 | Nasal planum: Biopsy | Diagnostic procedure, Respiratory system procedure, Head and neck | 1 | 0 |
| 1 | 1 | Procedure | 12055 | Nasal planum: Excision (Nasal planectomy) | Soft Tissue surgical procedure, Respiratory system procedure, Head | 1 | 0 |
| 1 | 1 | Procedure | 12056 | Nasal planum: Excision (Nasal planectomy) including premaxilla | Soft Tissue surgical procedure, Orthopaedic surgical procedure, Res | 1 | 0 |
| 1 | 1 | Procedure | 12057 | Nasal planum: other procedure | Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 13590 | Neurological examination | Examination procedure, Neurological system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13508 | NO PROCEDURE | Procedure | 1 | 0 |
| 1 | 1 | Procedure | 12358 | Oesophagus: Bougienage | Non-surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12359 | Oesophagus: Foreign body removal | Foreign body removal procedure, Alimentary tract/Digestive system p | 1 | 0 |
| 1 | 1 | Procedure | 18027 | Oesophagus: Oesophagopexy | Soft Tissue surgical procedure, Alimentary tract/Digestive system pr | 1 | 0 |
| 1 | 1 | Procedure | 12360 | Oesophagus: Oesophagoscopy | Endoscopy procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12361 | Oesophagus: Oesophagotomy | Soft Tissue surgical procedure, Alimentary tract/Digestive system pr | 1 | 0 |
| 1 | 1 | Procedure | 12363 | Oesophagus: other procedure | Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12362 | Oesophagus: Resection and anastomosis | Soft Tissue surgical procedure, Alimentary tract/Digestive system pr | 1 | 0 |
| 1 | 1 | Procedure | 13591 | Ophthalmological examination | Examination procedure, Ophthalmic (eye) procedure, Head and neck | 1 | 0 |
| 1 | 1 | Procedure | 13592 | Orthopaedic examination | Examination procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12782 | Ovary: Biopsy | Diagnostic procedure, Urogenital system procedure, Reproductive sy | 1 | 0 |
| 1 | 1 | Procedure | 12786 | Ovary: other procedure | Urogenital system procedure, Reproductive system procedure, Abdom | 1 | 0 |
| 1 | 1 | Procedure | 12783 | Ovary: Ovariectomy | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12784 | Ovary: Ovari hysterectomy (spay, "spey") - due to disorder | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12785 | Ovary: Ovari hysterectomy (spay, "spey") - elective neutering | Soft Tissue surgical procedure, Elective surgical procedure, Urogenit | 1 | 0 |
| 1 | 1 | Procedure | 12528 | Pancreas: Abscess debridement | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12529 | Pancreas: Biopsy - percutaneous | Diagnostic procedure, Alimentary tract/Digestive system procedure, A | 1 | 0 |
| 1 | 1 | Procedure | 12530 | Pancreas: Biopsy - surgical | Soft Tissue surgical procedure, Diagnostic procedure, Alimentary tra | 1 | 0 |
| 1 | 1 | Procedure | 12531 | Pancreas: Cyst resection | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12532 | Pancreas: Fine needle aspiration (FNA) | Diagnostic procedure, Alimentary tract/Digestive system procedure, A | 1 | 0 |
| 1 | 1 | Procedure | 12533 | Pancreas: Mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Alimentary tr | 1 | 0 |
| 1 | 1 | Procedure | 12534 | Pancreas: Omentalisation | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12537 | Pancreas: other procedure | Alimentary tract/Digestive system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12535 | Pancreas: Partial pancreatectomy | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12536 | Pancreas: Tumour excision | Soft Tissue surgical procedure, Mass lesion procedure, Alimentary tr | 1 | 0 |
| 1 | 1 | Procedure | 12062 | Paranasal sinus: Frontal sinusotomy - open | Soft Tissue surgical procedure, Respiratory system procedure, Head | 1 | 0 |
| 1 | 1 | Procedure | 12063 | Paranasal sinus: Frontal sinusotomy - percutaneous (trephination) | Soft Tissue surgical procedure, Respiratory system procedure, Head | 1 | 0 |
| 1 | 1 | Procedure | 22710 | Paranasal sinus: Maxillary sinusotomy - percutaneous (trephination) | Soft Tissue surgical procedure, Respiratory system procedure, Head | 0 | 1 |
| 1 | 1 | Procedure | 12064 | Paranasal sinus: other procedure | Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 22711 | Paranasal sinus: Sinuscopy (Sinusoscopy) | Endoscopy procedure, Respiratory system procedure, Head and neck | 1 | 1 |
| 1 | 1 | Procedure | 12068 | Parathyroid gland: Biopsy | Diagnostic procedure, Endocrine system procedure, Head and neck p | 1 | 0 |
| 1 | 1 | Procedure | 12069 | Parathyroid gland: Parathyroidectomy | Soft Tissue surgical procedure, Endocrine system procedure, Head a | 1 | 0 |
| 1 | 1 | Procedure | 12938 | Pelvic limb (hindlimb) digit: Amputation | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12939 | Pelvic limb (hindlimb) digit: Fusion podoplasty | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12943 | Pelvic limb (hindlimb) digit: other procedure | Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12940 | Pelvic limb (hindlimb) digit: Pad graft | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12941 | Pelvic limb (hindlimb) digit: Pad wound closure | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12942 | Pelvic limb (hindlimb) digit: Phalangeal fracture repair - internal fixat | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 17994 | Pelvic limb (hindlimb) digit: Sinus tract exploration | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13188 | Pelvic limb (hindlimb): Abscess debridement and lavage (flush) | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13189 | Pelvic limb (hindlimb): Amputation | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13192 | Pelvic limb (hindlimb): Muscle biopsy | Diagnostic procedure, Musculoskeletal system procedure, Limb proced | 1 | 0 |
| 1 | 1 | Procedure | 13190 | Pelvic limb (hindlimb): Muscle mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Musculoskeletal syste | 1 | 0 |
| 1 | 1 | Procedure | 13191 | Pelvic limb (hindlimb): Muscle mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Musculoskele | 1 | 0 |
| 1 | 1 | Procedure | 13193 | Pelvic limb (hindlimb): Nerve biopsy | Diagnostic procedure, Neurological system procedure, Limb procedur | 1 | 0 |
| 1 | 1 | Procedure | 13203 | Pelvic limb (hindlimb): Other mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13204 | Pelvic limb (hindlimb): Other mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Limb procedu | 1 | 0 |
| 1 | 1 | Procedure | 13205 | Pelvic limb (hindlimb): other procedure | Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 17992 | Pelvic limb (hindlimb): Sinus tract exploration | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13194 | Pelvic limb (hindlimb): Skin (cutaneous) mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Haircoat/skin (+ appen | 1 | 0 |
| 1 | 1 | Procedure | 13195 | Pelvic limb (hindlimb): Skin (cutaneous) mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Haircoat/skin | 1 | 0 |
| 1 | 1 | Procedure | 13196 | Pelvic limb (hindlimb): Subcutaneous mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Haircoat/skin (+ appen | 1 | 0 |
| 1 | 1 | Procedure | 13197 | Pelvic limb (hindlimb): Subcutaneous mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Haircoat/skin | 1 | 0 |
| 1 | 1 | Procedure | 13198 | Pelvic limb (hindlimb): Wound debridement and lavage (flush) | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13199 | Pelvic limb (hindlimb): Wound flap closure - axial pattern | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13200 | Pelvic limb (hindlimb): Wound flap closure - random pattern | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13201 | Pelvic limb (hindlimb): Wound free graft closure | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13202 | Pelvic limb (hindlimb): Wound primary closure | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13316 | Pelvis: Hemipelvectomy | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13317 | Pelvis: other procedure | Musculoskeletal system procedure, Pelvic structure procedure | 1 | 0 |
| 1 | 1 | Procedure | 12836 | Penis: Amputation - complete | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12837 | Penis: Amputation - partial | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12838 | Penis: Mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Urogenital system pro | 1 | 0 |
| 1 | 1 | Procedure | 12839 | Penis: Mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Urogenital sy | 1 | 0 |
| 1 | 1 | Procedure | 12844 | Penis: other procedure | Urogenital system procedure, Reproductive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12840 | Penis: Phallopey | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12841 | Penis: Urethral mucosa prolapse - pexy | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12842 | Penis: Urethral mucosa prolapse - replacement | Urogenital system procedure, Reproductive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12843 | Penis: Urethral mucosa prolapse - resection | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12700 | Perineum: Herniorrhaphy - perineal | Soft Tissue surgical procedure, Perineal procedure | 1 | 0 |
| 1 | 1 | Procedure | 22712 | Perineum: Laceration repair - first degree | Perineal procedure, Soft Tissue surgical procedure | 0 | 1 |
| 1 | 1 | Procedure | 22713 | Perineum: Laceration repair - second degree | Perineal procedure, Soft Tissue surgical procedure | 0 | 1 |
| 1 | 1 | Procedure | 22714 | Perineum: Laceration repair - third degree | Perineal procedure, Soft Tissue surgical procedure | 0 | 1 |
| 1 | 1 | Procedure | 22715 | Perineum: Laceration repair (degree unspecified) | Perineal procedure, Soft Tissue surgical procedure | 0 | 1 |
| 1 | 1 | Procedure | 12701 | Perineum: Perianal fistula excision | Soft Tissue surgical procedure, Perineal procedure | 1 | 0 |
| 1 | 1 | Procedure | 17996 | Perineum: Sinus tract exploration | Soft Tissue surgical procedure, Perineal procedure | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|--|---|--------------|--------|
| 1 | 1 | Procedure | 13509 | Peripheral lymph node biopsy - excisional | Diagnostic procedure, Surgical procedure, Lymphatic system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13510 | Peripheral lymph node biopsy - incisional | Diagnostic procedure, Lymphatic system procedure, Haematopoietic | 1 | 0 |
| 1 | 1 | Procedure | 13511 | Peripheral lymph node: fine needle aspiration (FNA) | Diagnostic procedure, Lymphatic system procedure, Haematopoietic | 1 | 0 |
| 1 | 1 | Procedure | 12072 | Pharynx: Biopsy | Diagnostic procedure, Alimentary tract/Digestive system procedure, I | 1 | 0 |
| 1 | 1 | Procedure | 12073 | Pharynx: Foreign body removal | Foreign body removal procedure, Alimentary tract/Digestive system p | 1 | 0 |
| 1 | 1 | Procedure | 12074 | Pharynx: Pharyngoscopy | Endoscopy procedure, Alimentary tract/Digestive system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 22693 | Platelet-rich plasma (PrP) injection | Non-surgical procedure, Musculoskeletal system procedure | 0 | 1 |
| 1 | 1 | Procedure | 22744 | Post-mortem examination | Diagnostic procedure | 1 | 1 |
| 1 | 1 | Procedure | 12854 | Prepuce: Abscess debridement and lavage (flush) | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12855 | Prepuce: Advancement | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12856 | Prepuce: Muscle mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Urogenital system pro | 1 | 0 |
| 1 | 1 | Procedure | 12857 | Prepuce: Muscle mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Urogenital sy | 1 | 0 |
| 1 | 1 | Procedure | 12858 | Prepuce: Orifice enlargement | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12888 | Prepuce: Other mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Urogenital system pro | 1 | 0 |
| 1 | 1 | Procedure | 12869 | Prepuce: Other mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Urogenital sy | 1 | 0 |
| 1 | 1 | Procedure | 12870 | Prepuce: other procedure | Urogenital system procedure, Reproductive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 18008 | Prepuce: Sinus tract exploration | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12859 | Prepuce: Skin (cutaneous) mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Urogenital system pro | 1 | 0 |
| 1 | 1 | Procedure | 12860 | Prepuce: Skin (cutaneous) mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Urogenital sy | 1 | 0 |
| 1 | 1 | Procedure | 12861 | Prepuce: Subcutaneous mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Urogenital system pro | 1 | 0 |
| 1 | 1 | Procedure | 12862 | Prepuce: Subcutaneous mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Urogenital sy | 1 | 0 |
| 1 | 1 | Procedure | 12863 | Prepuce: Wound debridement and lavage (flush) | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12864 | Prepuce: Wound flap closure - axial pattern | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12865 | Prepuce: Wound flap closure - random pattern | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12866 | Prepuce: Wound free graft closure | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12867 | Prepuce: Wound primary closure | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12816 | Prostate: Abscess drainage | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12817 | Prostate: Biopsy - percutaneous | Diagnostic procedure, Urogenital system procedure, Reproductive sy | 1 | 0 |
| 1 | 1 | Procedure | 12818 | Prostate: Biopsy - surgical | Soft Tissue surgical procedure, Diagnostic procedure, Urogenital sys | 1 | 0 |
| 1 | 1 | Procedure | 12819 | Prostate: Cyst drainage | Urogenital system procedure, Reproductive system procedure, Abdom | 1 | 0 |
| 1 | 1 | Procedure | 12820 | Prostate: Omentalisation | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12825 | Prostate: other procedure | Urogenital system procedure, Reproductive system procedure, Abdom | 1 | 0 |
| 1 | 1 | Procedure | 12821 | Prostate: Paraprostatic cyst drainage | Urogenital system procedure, Reproductive system procedure, Abdom | 1 | 0 |
| 1 | 1 | Procedure | 12822 | Prostate: Paraprostatic cyst resection | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12823 | Prostate: Partial prostatectomy | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12824 | Prostate: Prostatopexy | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12208 | Radius: Fracture repair - external coaptation | External coaptation procedure, Musculoskeletal system procedure, L | 1 | 0 |
| 1 | 1 | Procedure | 12209 | Radius: Fracture repair - external fixation (ESF) | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12211 | Radius: Fracture repair - internal and external (ESF) fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12210 | Radius: Fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12212 | Radius: Fracture revision | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12213 | Radius: Osteotomy/ostectomy - corrective | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12214 | Radius: Osteotomy/ostectomy - dynamic | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12215 | Radius: other procedure | Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 22440 | Re-examination | Examination procedure | 0 | 1 |
| 1 | 1 | Procedure | 15236 | Regional anaesthesia | Anaesthesia procedure | 1 | 0 |
| 1 | 1 | Procedure | 12078 | Salivary gland: Biopsy | Diagnostic procedure, Alimentary tract/Digestive system procedure, I | 1 | 0 |
| 1 | 1 | Procedure | 12079 | Salivary gland: Excision (Sialoadenectomy) | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12080 | Salivary gland: Mucocoele drainage | Alimentary tract/Digestive system procedure, Head and neck procedu | 1 | 0 |
| 1 | 1 | Procedure | 12081 | Salivary gland: Mucocoele resection | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12083 | Salivary gland: other procedure | Alimentary tract/Digestive system procedure, Head and neck procedu | 1 | 0 |
| 1 | 1 | Procedure | 12082 | Salivary gland: Sialocoele (salivary cyst) excision | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 17998 | Salivary gland: Sinus tract exploration | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12224 | Scapula: Fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12225 | Scapula: Fracture revision | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12227 | Scapula: other procedure | Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12226 | Scapula: Scapulectomy - partial | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12894 | Scrotum: Ablation | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12895 | Scrotum: Abscess debridement and lavage (flush) | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12905 | Scrotum: Other mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Urogenital system pro | 1 | 0 |
| 1 | 1 | Procedure | 12906 | Scrotum: Other mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Urogenital sy | 1 | 0 |
| 1 | 1 | Procedure | 12907 | Scrotum: other procedure | Urogenital system procedure, Reproductive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 18000 | Scrotum: Sinus tract exploration | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12896 | Scrotum: Skin (cutaneous) mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Urogenital system pro | 1 | 0 |
| 1 | 1 | Procedure | 12897 | Scrotum: Skin (cutaneous) mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Urogenital sy | 1 | 0 |
| 1 | 1 | Procedure | 12898 | Scrotum: Subcutaneous mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Urogenital system pro | 1 | 0 |
| 1 | 1 | Procedure | 12899 | Scrotum: Subcutaneous mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Urogenital sy | 1 | 0 |
| 1 | 1 | Procedure | 12900 | Scrotum: Wound debridement and lavage (flush) | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12901 | Scrotum: Wound flap closure - axial pattern | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12902 | Scrotum: Wound flap closure - random pattern | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12903 | Scrotum: Wound free graft closure | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12904 | Scrotum: Wound primary closure | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 22398 | Sedation (reason unspecified) | Sedation procedure | 1 | 1 |
| 1 | 1 | Procedure | 22688 | Shockwave therapy (site unspecified) | #NAME? | 0 | 1 |
| 1 | 1 | Procedure | 12232 | Shoulder: Arthrodesis | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12233 | Shoulder: Arthroscopy | Endoscopy procedure, Musculoskeletal system procedure, Limb pro | 1 | 0 |
| 1 | 1 | Procedure | 12234 | Shoulder: Exploratory arthrotomy | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12235 | Shoulder: Luxation - closed reduction | Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12236 | Shoulder: Luxation - open reduction | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12237 | Shoulder: other procedure | Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13512 | Skin (cutaneous) biopsy | Diagnostic procedure, Haircoat/skin (+ appendages) procedure | 1 | 0 |
| 1 | 1 | Procedure | 12090 | Skull (cranium): Craniectomy | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12091 | Skull (cranium): Craniotomy | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12092 | Skull (cranium): Fracture repair - other | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12093 | Skull: other procedure | Musculoskeletal system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12548 | Small intestine: Biopsy - endoscopic | Diagnostic procedure, Endoscopy procedure, Alimentary tract/Digest | 1 | 0 |
| 1 | 1 | Procedure | 12549 | Small intestine: Biopsy - surgical | Diagnostic procedure, Soft Tissue surgical procedure, Alimentary tra | 1 | 0 |
| 1 | 1 | Procedure | 12551 | Small intestine: Enterectomy and anastomosis - stapled | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12552 | Small intestine: Enterectomy and anastomosis - sutured | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12553 | Small intestine: Enteroplication | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12550 | Small intestine: Enteroscopy | Endoscopy procedure, Alimentary tract/Digestive system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12554 | Small intestine: Enterotomy | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12555 | Small intestine: Foreign body removal | Foreign body removal procedure, Alimentary tract/Digestive system p | 1 | 0 |
| 1 | 1 | Procedure | 12556 | Small intestine: Omentalisation | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12558 | Small intestine: other procedure | Alimentary tract/Digestive system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12557 | Small intestine: Serosal patch | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12098 | Soft palate: Cleft palate reconstruction | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12099 | Soft palate: Elongated soft palate resection | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12101 | Soft palate: other procedure | Alimentary tract/Digestive system procedure, Head and neck procedu | 1 | 0 |
| 1 | 1 | Procedure | 12100 | Soft palate: Traumatic cleft (split) repair | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 13513 | Spinal injection | Clinical care procedure, Neurological system procedure | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|---|---|--------------|--------|
| 1 | 1 | Procedure | 12704 | Spleen: Biopsy - percutaneous | Diagnostic procedure, Haematopoietic system procedure, Abdominal | 1 | 0 |
| 1 | 1 | Procedure | 12705 | Spleen: Biopsy - surgical | Soft Tissue surgical procedure, Diagnostic procedure, Haematopoietic | 1 | 0 |
| 1 | 1 | Procedure | 12706 | Spleen: Fine needle aspiration (FNA) | Diagnostic procedure, Haematopoietic system procedure, Abdominal | 1 | 0 |
| 1 | 1 | Procedure | 12709 | Spleen: other procedure | Haematopoietic system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12707 | Spleen: Splenectomy - partial | Soft Tissue surgical procedure, Haematopoietic system procedure, A | 1 | 0 |
| 1 | 1 | Procedure | 12708 | Spleen: Splenectomy - total | Soft Tissue surgical procedure, Haematopoietic system procedure, A | 1 | 0 |
| 1 | 1 | Procedure | 13514 | Staple removal | Non-surgical procedure | 1 | 0 |
| 1 | 1 | Procedure | 22694 | Stem cell injection | Non-surgical procedure, Musculoskeletal system procedure | 0 | 1 |
| 1 | 1 | Procedure | 13224 | Stifle: Arthrodesis | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13225 | Stifle: Arthroscopy | Endoscopy procedure, Musculoskeletal system procedure, Limb proc | 1 | 0 |
| 1 | 1 | Procedure | 13226 | Stifle: Cranial cruciate ligament (CrCL) rupture - extra-articular repair | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13227 | Stifle: Cranial cruciate ligament (CrCL) rupture - intra-articular repair | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13231 | Stifle: Cranial cruciate ligament (CrCL) rupture - other procedure | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13228 | Stifle: CrCL rupture - tibial plateau leveling osteotomy (TPLO) | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13229 | Stifle: CrCL rupture - tibial tuberosity advancement (TTA) | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13230 | Stifle: CrCL rupture - triple tibial osteotomy (TTO) | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13232 | Stifle: Exploratory arthrotomy | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13236 | Stifle: Lateral patella luxation repair | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13237 | Stifle: Lateral patella luxation revision | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13238 | Stifle: Luxation reconstruction | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13233 | Stifle: Medial patella luxation repair | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13234 | Stifle: Medial patella luxation revision | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13235 | Stifle: Meniscectomy | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13240 | Stifle: other procedure | Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13239 | Stifle: Patella fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 22696 | Stifle: Patellar ligament desmotomy | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 0 | 1 |
| 1 | 1 | Procedure | 13593 | Stitch up (suture wound) | Soft Tissue surgical procedure | 1 | 0 |
| 1 | 1 | Procedure | 12570 | Stomach (gastric): Billroth type I procedure | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12571 | Stomach (gastric): Billroth type II procedure | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12572 | Stomach (gastric): Biopsy - endoscopic | Diagnostic procedure, Endoscopy procedure, Alimentary tract/Digest | 1 | 0 |
| 1 | 1 | Procedure | 12573 | Stomach (gastric): Biopsy - surgical | Diagnostic procedure, Soft Tissue surgical procedure, Alimentary tra | 1 | 0 |
| 1 | 1 | Procedure | 12574 | Stomach (gastric): Decompression - gastrocentesis | Non-surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12575 | Stomach (gastric): Decompression - tube | Non-surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12576 | Stomach (gastric): Foreign body removal | Foreign body removal procedure, Alimentary tract/Digestive system p | 1 | 0 |
| 1 | 1 | Procedure | 12577 | Stomach (gastric): Gastrectomy - partial | Soft Tissue surgical procedure, Alimentary tract/Digestive system pr | 1 | 0 |
| 1 | 1 | Procedure | 12578 | Stomach (gastric): Gastric dilation and volvulus (GDV) correction | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12579 | Stomach (gastric): Gastropexy | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12580 | Stomach (gastric): Gastrosocopy | Endoscopy procedure, Alimentary tract/Digestive system procedure, | 1 | 1 |
| 1 | 1 | Procedure | 12581 | Stomach (gastric): Gastroscopy | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12582 | Stomach (gastric): Lavage | Non-surgical procedure, Alimentary tract/Digestive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 22511 | Stomach (gastric): Nasogastric intubation (non-feeding purposes) | Clinical care procedure, Alimentary tract/Digestive system | 1 | 1 |
| 1 | 1 | Procedure | 12588 | Stomach (gastric): other procedure | Alimentary tract/Digestive system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12583 | Stomach (gastric): Pyloromyotomy (Fredet-Ramstedt operation) | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12584 | Stomach (gastric): Pyloroplasty - Finney procedure | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12585 | Stomach (gastric): Pyloroplasty - Heineke-Mikulicz procedure | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12587 | Stomach (gastric): Pyloroplasty - other procedure | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12586 | Stomach (gastric): Pyloroplasty - Y-U procedure | Soft Tissue surgical procedure, Alimentary tract/Digestive system pro | 1 | 0 |
| 1 | 1 | Procedure | 12106 | Submandibular mass lesion: Biopsy | Diagnostic procedure, Mass lesion procedure, Head and neck proced | 1 | 0 |
| 1 | 1 | Procedure | 12107 | Submandibular mass lesion: Exploration | Soft Tissue surgical procedure, Mass lesion procedure, Head and ne | 1 | 0 |
| 1 | 1 | Procedure | 12108 | Submandibular mass lesion: other procedure | Mass lesion procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 13515 | Suture removal | Non-surgical procedure | 1 | 0 |
| 1 | 1 | Procedure | 13340 | Tail: Abscess debridement and lavage (flush) | Soft Tissue surgical procedure, Tail procedure | 1 | 0 |
| 1 | 1 | Procedure | 13341 | Tail: Amputation | Soft Tissue surgical procedure, Tail procedure | 1 | 0 |
| 1 | 1 | Procedure | 13342 | Tail: High caudectomy | Soft Tissue surgical procedure, Tail procedure | 1 | 0 |
| 1 | 1 | Procedure | 13345 | Tail: Muscle biopsy | Diagnostic procedure, Musculoskeletal system procedure, Tail proced | 1 | 0 |
| 1 | 1 | Procedure | 13343 | Tail: Muscle mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Musculoskeletal syste | 1 | 0 |
| 1 | 1 | Procedure | 13344 | Tail: Muscle mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Musculoskele | 1 | 0 |
| 1 | 1 | Procedure | 13346 | Tail: Nerve biopsy | Diagnostic procedure, Neurological system procedure, Tail procedure | 1 | 0 |
| 1 | 1 | Procedure | 13356 | Tail: Other mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Tail procedure | 1 | 0 |
| 1 | 1 | Procedure | 13357 | Tail: Other mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Tail procedur | 1 | 0 |
| 1 | 1 | Procedure | 13358 | Tail: other procedure | Tail procedure | 1 | 0 |
| 1 | 1 | Procedure | 18010 | Tail: Sinus tract exploration | Soft Tissue surgical procedure, Tail procedure | 1 | 0 |
| 1 | 1 | Procedure | 13347 | Tail: Skin (cutaneous) mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Haircoat/skin (+ appen | 1 | 0 |
| 1 | 1 | Procedure | 13348 | Tail: Skin (cutaneous) mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Haircoat/skin | 1 | 0 |
| 1 | 1 | Procedure | 13349 | Tail: Subcutaneous mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Haircoat/skin (+ appen | 1 | 0 |
| 1 | 1 | Procedure | 13350 | Tail: Subcutaneous mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Haircoat/skin | 1 | 0 |
| 1 | 1 | Procedure | 13351 | Tail: Wound debridement and lavage (flush) | Soft Tissue surgical procedure, Tail procedure | 1 | 0 |
| 1 | 1 | Procedure | 13352 | Tail: Wound flap closure - axial pattern | Soft Tissue surgical procedure, Tail procedure | 1 | 0 |
| 1 | 1 | Procedure | 13353 | Tail: Wound flap closure - random pattern | Soft Tissue surgical procedure, Tail procedure | 1 | 0 |
| 1 | 1 | Procedure | 13354 | Tail: Wound free graft closure | Soft Tissue surgical procedure, Tail procedure | 1 | 0 |
| 1 | 1 | Procedure | 13355 | Tail: Wound primary closure | Soft Tissue surgical procedure, Tail procedure | 1 | 0 |
| 1 | 1 | Procedure | 13258 | Tarsus: Arthrodesis | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13259 | Tarsus: Arthroscopy | Endoscopy procedure, Musculoskeletal system procedure, Limb proc | 1 | 0 |
| 1 | 1 | Procedure | 13260 | Tarsus: Fracture repair - external coaptation | External coaptation procedure, Musculoskeletal system procedure, L | 1 | 0 |
| 1 | 1 | Procedure | 13261 | Tarsus: Fracture repair - external fixation (ESF) | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13262 | Tarsus: Fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13263 | Tarsus: Fracture revision | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13264 | Tarsus: Luxation reconstruction | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 13266 | Tarsus: other procedure | Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13265 | Tarsus: Transarticular external skeletal fixation (ESF) | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 22699 | Tenotomy - multiple sites | Endoscopy procedure, Musculoskeletal system procedure, Connectiv | 0 | 1 |
| 1 | 1 | Procedure | 22697 | Tenotomy (site unspecified) | Endoscopy procedure, Musculoskeletal system procedure, Connectiv | 0 | 1 |
| 1 | 1 | Procedure | 12888 | Testis: Orchiectomy (castration) - due to disorder | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12889 | Testis: Orchiectomy (castration) - elective neutering | Soft Tissue surgical procedure, Elective surgical procedure, Urogenit | 1 | 0 |
| 1 | 1 | Procedure | 12890 | Testis: other procedure | Urogenital system procedure, Reproductive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 22745 | Tetanus Antitoxin administration | Non-surgical procedure | 1 | 1 |
| 1 | 1 | Procedure | 12388 | Thoracic (chest) wall: Abscess debridement and lavage (flush) | Soft Tissue surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12389 | Thoracic (chest) wall: Flail chest stabilisation | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 12390 | Thoracic (chest) wall: Muscle mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Musculoskeletal syste | 1 | 0 |
| 1 | 1 | Procedure | 12391 | Thoracic (chest) wall: Muscle mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Musculoskele | 1 | 0 |
| 1 | 1 | Procedure | 12404 | Thoracic (chest) wall: Other mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12405 | Thoracic (chest) wall: Other mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Thoracic proc | 1 | 0 |
| 1 | 1 | Procedure | 12406 | Thoracic (chest) wall: other procedure | Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12392 | Thoracic (chest) wall: Rib resection | Orthopaedic surgical procedure, Musculoskeletal system procedure, | 1 | 0 |
| 1 | 1 | Procedure | 18002 | Thoracic (chest) wall: Sinus tract exploration | Soft Tissue surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12393 | Thoracic (chest) wall: Skin (cutaneous) mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Haircoat/skin (+ appen | 1 | 0 |
| 1 | 1 | Procedure | 12394 | Thoracic (chest) wall: Skin (cutaneous) mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Haircoat/skin | 1 | 0 |
| 1 | 1 | Procedure | 12395 | Thoracic (chest) wall: Subcutaneous mass lesion biopsy | Diagnostic procedure, Mass lesion procedure, Haircoat/skin (+ appen | 1 | 0 |
| 1 | 1 | Procedure | 12396 | Thoracic (chest) wall: Subcutaneous mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Haircoat/skin | 1 | 0 |
| 1 | 1 | Procedure | 12397 | Thoracic (chest) wall: Wound debridement and lavage (flush) | Soft Tissue surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12398 | Thoracic (chest) wall: Wound flap closure - axial pattern | Soft Tissue surgical procedure, Thoracic procedure | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-----------|------------------------|--|--|--------------|--------|
| 1 | 1 | Procedure | 12399 | Thoracic (chest) wall: Wound flap closure - latissimus dorsi | Soft Tissue surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12400 | Thoracic (chest) wall: Wound flap closure - myocutaneous | Soft Tissue surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12401 | Thoracic (chest) wall: Wound free graft closure | Soft Tissue surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12402 | Thoracic (chest) wall: Wound primary closure | Soft Tissue surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12403 | Thoracic (chest) wall: Wound prosthetic mesh closure | Soft Tissue surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12370 | Thoracic cavity: Chest (thoracostomy) drain/tube placement - intraoperative | Non-surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12371 | Thoracic cavity: Chest (thoracostomy) drain/tube placement - percutaneous | Non-surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12372 | Thoracic cavity: Exploratory thoracotomy | Soft Tissue surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12373 | Thoracic cavity: Lymph node biopsy - percutaneous | Diagnostic procedure, Lymphatic system procedure, Immune system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12374 | Thoracic cavity: Lymph node biopsy - surgical | Surgical procedure, Diagnostic procedure, Lymphatic system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12375 | Thoracic cavity: Lymph node fine needle aspiration (FNA) | Diagnostic procedure, Lymphatic system procedure, Immune system procedure | 1 | 0 |
| 1 | 1 | Procedure | 16362 | Thoracic cavity: Thoracentesis | Non-surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12376 | Thoracic cavity: Thoracoscopy | Soft Tissue surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12377 | Thoracic cavity: Thoracotomy - lateral approach (intercostal) | Soft Tissue surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12378 | Thoracic cavity: Thoracotomy - median sternotomy | Soft Tissue surgical procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12158 | Thoracic limb (forelimb) digit: Amputation | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12159 | Thoracic limb (forelimb) digit: Fusion podoplasty | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12164 | Thoracic limb (forelimb) digit: other procedure | Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12160 | Thoracic limb (forelimb) digit: Pad graft | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12161 | Thoracic limb (forelimb) digit: Pad wound closure | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12162 | Thoracic limb (forelimb) digit: Phalangeal fracture repair - external coaptation | External coaptation procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12163 | Thoracic limb (forelimb) digit: Phalangeal fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 18006 | Thoracic limb (forelimb) digit: Sinus tract exploration | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12244 | Thoracic limb (forelimb): Abscess debridement and lavage (flush) | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12245 | Thoracic limb (forelimb): Amputation | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12246 | Thoracic limb (forelimb): Extensor tendon repair | Musculoskeletal system procedure, Connective tissue procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12247 | Thoracic limb (forelimb): Flexor tendon repair | Musculoskeletal system procedure, Connective tissue procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12250 | Thoracic limb (forelimb): Muscle biopsy | Diagnostic procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12249 | Thoracic limb (forelimb): Muscle mass biopsy | Diagnostic procedure, Mass lesion procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12248 | Thoracic limb (forelimb): Muscle mass excision | Soft Tissue surgical procedure, Mass lesion procedure, Musculoskeletal system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12251 | Thoracic limb (forelimb): Nerve biopsy | Diagnostic procedure, Neurological system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12261 | Thoracic limb (forelimb): Other mass biopsy | Diagnostic procedure, Mass lesion procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12262 | Thoracic limb (forelimb): Other mass excision | Soft Tissue surgical procedure, Mass lesion procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12263 | Thoracic limb (forelimb): other procedure | Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 18004 | Thoracic limb (forelimb): Sinus tract exploration | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12253 | Thoracic limb (forelimb): Skin (cutaneous) mass biopsy | Diagnostic procedure, Mass lesion procedure, Haircoat/skin (+ appendage) procedure | 1 | 0 |
| 1 | 1 | Procedure | 12252 | Thoracic limb (forelimb): Skin (cutaneous) mass excision | Soft Tissue surgical procedure, Mass lesion procedure, Haircoat/skin (+ appendage) procedure | 1 | 0 |
| 1 | 1 | Procedure | 12255 | Thoracic limb (forelimb): Subcutaneous mass biopsy | Diagnostic procedure, Mass lesion procedure, Haircoat/skin (+ appendage) procedure | 1 | 0 |
| 1 | 1 | Procedure | 12254 | Thoracic limb (forelimb): Subcutaneous mass excision | Soft Tissue surgical procedure, Mass lesion procedure, Haircoat/skin (+ appendage) procedure | 1 | 0 |
| 1 | 1 | Procedure | 12256 | Thoracic limb (forelimb): Wound debridement and lavage (flush) | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12257 | Thoracic limb (forelimb): Wound flap closure - axial pattern | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12258 | Thoracic limb (forelimb): Wound flap closure - random pattern | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12259 | Thoracic limb (forelimb): Wound free graft closure | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12260 | Thoracic limb (forelimb): Wound primary closure | Soft Tissue surgical procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13320 | Thoracic spine: Distraction stabilisation | Neurosurgical procedure, Musculoskeletal system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 13321 | Thoracic spine: Dorsal laminectomy | Neurosurgical procedure, Musculoskeletal system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 13322 | Thoracic spine: Hemilaminectomy | Neurosurgical procedure, Musculoskeletal system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 13324 | Thoracic spine: other procedure | Musculoskeletal system procedure, Thoracic procedure, Spinal (vertebrae) procedure | 1 | 0 |
| 1 | 1 | Procedure | 13323 | Thoracic spine: Stabilisation | Neurosurgical procedure, Musculoskeletal system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 13330 | Thoracolumbar spine: Distraction stabilisation | Neurosurgical procedure, Musculoskeletal system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 13331 | Thoracolumbar spine: Dorsal laminectomy | Neurosurgical procedure, Musculoskeletal system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 13332 | Thoracolumbar spine: Hemilaminectomy | Neurosurgical procedure, Musculoskeletal system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 13334 | Thoracolumbar spine: other procedure | Musculoskeletal system procedure, Thoracic procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 13333 | Thoracolumbar spine: Stabilisation | Neurosurgical procedure, Musculoskeletal system procedure, Thoracic procedure | 1 | 0 |
| 1 | 1 | Procedure | 12114 | Thyroid gland: Mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Endocrine system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12115 | Thyroid gland: other procedure | Endocrine system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12112 | Thyroid gland: Thyroidectomy - bilateral | Soft Tissue surgical procedure, Endocrine system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12113 | Thyroid gland: Thyroidectomy - unilateral | Soft Tissue surgical procedure, Endocrine system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 13276 | Tibia: Fracture repair - external coaptation | External coaptation procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13277 | Tibia: Fracture repair - external fixation (ESF) | Orthopaedic surgical procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13279 | Tibia: Fracture repair - internal and external (ESF) fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13278 | Tibia: Fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13280 | Tibia: Fracture revision | Orthopaedic surgical procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13281 | Tibia: Osteotomy/ostectomy - corrective | Orthopaedic surgical procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 13282 | Tibia: other procedure | Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12120 | Trachea: Avulsion repair | Soft Tissue surgical procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12123 | Trachea: Foreign body removal - endoscopic | Foreign body removal procedure, Endoscopy procedure, Respiratory system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12124 | Trachea: Foreign body removal - fluoroscopic | Foreign body removal procedure, Fluoroscopy procedure, Respiratory system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12131 | Trachea: other procedure | Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12125 | Trachea: Resection and anastomosis | Soft Tissue surgical procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12121 | Trachea: Tracheal collapse - extraluminal rings placement | Soft Tissue surgical procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12122 | Trachea: Tracheal collapse - intraluminal stent placement | Soft Tissue surgical procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12126 | Trachea: Tracheoscopy | Endoscopy procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12127 | Trachea: Tracheostomy - permanent | Soft Tissue surgical procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12128 | Trachea: Tracheostomy - temporary | Soft Tissue surgical procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12129 | Trachea: Tracheotomy | Soft Tissue surgical procedure, Respiratory system procedure, Head and neck procedure | 1 | 0 |
| 1 | 1 | Procedure | 12130 | Trachea: Transtracheal aspiration/wash (TTA, TTW) | Non-surgical procedure, Diagnostic procedure, Respiratory system procedure | 1 | 1 |
| 1 | 1 | Procedure | 22485 | Treatment administration - oral (per os, PO) | Non-surgical procedure, Alimentary tract/Digestive system procedure | 1 | 1 |
| 1 | 1 | Procedure | 22480 | Treatment administration - intramuscular (IM) injection | Non-surgical procedure, Musculoskeletal system procedure | 1 | 1 |
| 1 | 1 | Procedure | 22481 | Treatment administration - intravenous (IV) injection | Non-surgical procedure, Cardiovascular system procedure | 1 | 1 |
| 1 | 1 | Procedure | 22482 | Treatment administration - joint | Non-surgical procedure, Musculoskeletal system procedure | 1 | 1 |
| 1 | 1 | Procedure | 22487 | Treatment administration - tendon sheath | Non-surgical procedure, Musculoskeletal system procedure, Connective tissue procedure | 0 | 1 |
| 1 | 1 | Procedure | 22478 | Treatment administration (unspecified) | Non-surgical procedure | 1 | 1 |
| 1 | 1 | Procedure | 12284 | Ulna: Fracture repair - external coaptation | External coaptation procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12285 | Ulna: Fracture repair - external fixation (ESF) | Orthopaedic surgical procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12287 | Ulna: Fracture repair - internal and external (ESF) fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12286 | Ulna: Fracture repair - internal fixation | Orthopaedic surgical procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12288 | Ulna: Fracture revision | Orthopaedic surgical procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12289 | Ulna: Osteotomy/ostectomy - corrective | Orthopaedic surgical procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12290 | Ulna: Osteotomy/ostectomy - dynamic | Orthopaedic surgical procedure, Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12291 | Ulna: other procedure | Musculoskeletal system procedure, Limb procedure | 1 | 0 |
| 1 | 1 | Procedure | 12730 | Ureter: Neoureterocystostomy | Soft Tissue surgical procedure, Urogenital system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12731 | Ureter: Neoureterostomy | Soft Tissue surgical procedure, Urogenital system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12735 | Ureter: other procedure | Urogenital system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12732 | Ureter: Stent placement | Soft Tissue surgical procedure, Urogenital system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12733 | Ureter: Ureteronephrectomy | Soft Tissue surgical procedure, Urogenital system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12734 | Ureter: Ureterotomy | Soft Tissue surgical procedure, Urogenital system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12760 | Urethra: Flush (lavage) | Non-surgical procedure, Urogenital system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12770 | Urethra: other procedure | Urogenital system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12761 | Urethra: Retrograde urohydropulsion | Non-surgical procedure, Urogenital system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12762 | Urethra: Stent | Soft Tissue surgical procedure, Urogenital system procedure | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|------------|------------------------|---|---|--------------|--------|
| 1 | 1 | Procedure | 12769 | Urethra: Urethropy | Soft Tissue surgical procedure, Urogenital system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12763 | Urethra: Urethroscopy | Endoscopy procedure, Urogenital system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12764 | Urethra: Urethrostomy, perineal (PU) | Soft Tissue surgical procedure, Urogenital system procedure, Perineal | 1 | 0 |
| 1 | 1 | Procedure | 12765 | Urethra: Urethrostomy, prepubic | Soft Tissue surgical procedure, Urogenital system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12766 | Urethra: Urethrostomy, scrotal | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12767 | Urethra: Urethrotomy, perineal | Soft Tissue surgical procedure, Urogenital system procedure, Perineal | 1 | 0 |
| 1 | 1 | Procedure | 12768 | Urethra: Urethrotomy, prescrotal | Soft Tissue surgical procedure, Urogenital system procedure | 1 | 0 |
| 1 | 1 | Procedure | 12742 | Urinary bladder: Biopsy | Surgical procedure, Diagnostic procedure, Urogenital system procedu | 1 | 0 |
| 1 | 1 | Procedure | 12743 | Urinary bladder: Cystopexy | Soft Tissue surgical procedure, Urogenital system procedure, Abdom | 1 | 0 |
| 1 | 1 | Procedure | 12744 | Urinary bladder: Cystoscopy | Endoscopy procedure, Urogenital system procedure, Abdominal proc | 1 | 0 |
| 1 | 1 | Procedure | 12745 | Urinary bladder: Cystotomy | Soft Tissue surgical procedure, Urogenital system procedure, Abdom | 1 | 0 |
| 1 | 1 | Procedure | 12746 | Urinary bladder: Cystourethropy | Soft Tissue surgical procedure, Urogenital system procedure, Abdom | 1 | 0 |
| 1 | 1 | Procedure | 12750 | Urinary bladder: other procedure | Urogenital system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12747 | Urinary bladder: Partial cystectomy | Soft Tissue surgical procedure, Urogenital system procedure, Abdom | 1 | 0 |
| 1 | 1 | Procedure | 12748 | Urinary bladder: Rupture repair | Soft Tissue surgical procedure, Urogenital system procedure, Abdom | 1 | 0 |
| 1 | 1 | Procedure | 12749 | Urinary bladder: Tube cystostomy | Urogenital system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12792 | Uterus: Biopsy | Surgical procedure, Diagnostic procedure, Reproductive system proc | 1 | 0 |
| 1 | 1 | Procedure | 12793 | Uterus: Caesarean section - elective procedure | Elective surgical procedure, Soft Tissue surgical procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12794 | Uterus: Caesarean section - for dystocia | Non-elective surgical procedure, Soft Tissue surgical procedure, Rep | 1 | 0 |
| 1 | 1 | Procedure | 12795 | Uterus: Hysterectomy | Soft Tissue surgical procedure, Reproductive system procedure, Abd | 1 | 0 |
| 1 | 1 | Procedure | 12796 | Uterus: Hysterotomy | Soft Tissue surgical procedure, Reproductive system procedure, Abd | 1 | 0 |
| 1 | 1 | Procedure | 12798 | Uterus: other procedure | Reproductive system procedure, Abdominal procedure | 1 | 0 |
| 1 | 1 | Procedure | 12797 | Uterus: Prolapse repair | Soft Tissue surgical procedure, Reproductive system procedure, Abd | 1 | 0 |
| 1 | 1 | Procedure | 12804 | Vagina: Colposuspension | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12805 | Vagina: Episioplasty | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12806 | Vagina: Episiotomy | Soft Tissue surgical procedure, Urogenital system procedure, Reprod | 1 | 0 |
| 1 | 1 | Procedure | 12807 | Vagina: Mass lesion excision | Soft Tissue surgical procedure, Mass lesion procedure, Urogenital sy | 1 | 0 |
| 1 | 1 | Procedure | 12809 | Vagina: other procedure | Urogenital system procedure, Reproductive system procedure, Pelvic | 1 | 0 |
| 1 | 1 | Procedure | 12808 | Vagina: Tumour excision | Soft Tissue surgical procedure, Mass lesion procedure, Urogenital sy | 1 | 0 |
| 1 | 1 | Procedure | 12922 | Vas deferens: Pexy | Soft Tissue surgical procedure, Reproductive system procedure | 1 | 0 |
| 1 | 1 | Procedure | 13516 | Vascular access port (VAP) implantation | Soft Tissue surgical procedure, Clinical care procedure, Cardiovascu | 1 | 0 |
| 1 | 1 | Procedure | 13517 | Venous cut down | Cardiovascular system procedure | 1 | 0 |
| 1 | 1 | Diagnostic | 13379 | Angiography | Diagnostic Imaging test, Cardiovascular system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13380 | Antegrade pyelography | Diagnostic Imaging test, Urogenital system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13381 | Antegrade urethrography | Diagnostic Imaging test, Urogenital system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13382 | Arterial blood pressure measurement - invasive | Blood pressure measurement test, Cardiovascular system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13383 | Arterial blood pressure measurement - non-invasive | Blood pressure measurement test, Cardiovascular system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18188 | BAL fluid analysis (unspecified) | Clinical Pathology test, Respiratory system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18189 | BAL fluid analysis: Cytology | Clinical Pathology test, Respiratory system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18190 | BAL fluid analysis: Infectious agent detection (unspecified) | Clinical Pathology test, Respiratory system test, Infectious disorder | 1 | 0 |
| 1 | 1 | Diagnostic | 13388 | Barium study: Enema | Diagnostic Imaging test, Alimentary tract/Digestive system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13385 | Barium study: Oesophagus | Diagnostic Imaging test, Alimentary tract/Digestive system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13384 | Barium study: Pharynx | Diagnostic Imaging test, Alimentary tract/Digestive system test, Res | 1 | 0 |
| 1 | 1 | Diagnostic | 13387 | Barium study: Small intestine | Diagnostic Imaging test, Alimentary tract/Digestive system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13386 | Barium study: Stomach | Diagnostic Imaging test, Alimentary tract/Digestive system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18127 | Blood test (unspecified) | Clinical Pathology test, Haematopoietic system test | 1 | 1 |
| 1 | 1 | Diagnostic | 18131 | Blood test: Acid-base/blood gas analysis | Clinical Pathology test, Haematopoietic system test, Endocrine/Meta | 1 | 0 |
| 1 | 1 | Diagnostic | 18134 | Blood test: Biochemistry - basic profile | Clinical Pathology test, Haematopoietic system test | 1 | 0 |
| 1 | 1 | Diagnostic | 22729 | Blood test: Biochemistry - bile acids | Clinical Pathology test, Haematopoietic system test, Hepatobiliary sy | 1 | 1 |
| 1 | 1 | Diagnostic | 18144 | Blood test: Biochemistry - electrolytes | Clinical Pathology test, Haematopoietic system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18138 | Blood test: Biochemistry - full profile | Clinical Pathology test, Haematopoietic system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18146 | Blood test: Biochemistry - glucose | Clinical Pathology test, Haematopoietic system test | 1 | 0 |
| 1 | 1 | Diagnostic | 22730 | Blood test: Biochemistry - lactate | Clinical Pathology test, Haematopoietic system test, Endocrine/Meta | 1 | 1 |
| 1 | 1 | Diagnostic | 22725 | Blood test: Biochemistry - liver (hepatic) profile | Clinical Pathology test, Haematopoietic system test, Hepatobiliary sy | 1 | 1 |
| 1 | 1 | Diagnostic | 22728 | Blood test: Biochemistry - muscle profile | Clinical Pathology test, Haematopoietic system test, Musculoskeleta | 1 | 1 |
| 1 | 1 | Diagnostic | 22726 | Blood test: Biochemistry - renal (kidney) profile | Clinical Pathology test, Haematopoietic system test, Urogenital syste | 1 | 1 |
| 1 | 1 | Diagnostic | 18142 | Blood test: Biochemistry - specific test (unspecified) | Clinical Pathology test, Haematopoietic system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18148 | Blood test: Biochemistry - therapeutic drug monitoring | Clinical Pathology test, Haematopoietic system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18150 | Blood test: Biochemistry - total solids (via refractometer) | Clinical Pathology test, Haematopoietic system test | 1 | 0 |
| 1 | 1 | Diagnostic | 22731 | Blood test: Biochemistry - triglycerides | Clinical Pathology test, Haematopoietic system test, Endocrine/Meta | 1 | 1 |
| 1 | 1 | Diagnostic | 18152 | Blood test: Biochemistry - urea | Clinical Pathology test, Haematopoietic system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18154 | Blood test: Coagulation test | Clinical Pathology test, Haematopoietic system test, Haemostatic sys | 1 | 0 |
| 1 | 1 | Diagnostic | 18157 | Blood test: Endocrine test | Clinical Pathology test, Haematopoietic system test, Endocrine syste | 1 | 0 |
| 1 | 1 | Diagnostic | 22734 | Blood test: Endocrine test - Cryptorchidism (rig) | Clinical Pathology test, Haematopoietic system test, Endocrine syste | 0 | 1 |
| 1 | 1 | Diagnostic | 22735 | Blood test: Endocrine test - Granulosa cell tumour | Clinical Pathology test, Haematopoietic system test, Endocrine syste | 0 | 1 |
| 1 | 1 | Diagnostic | 22732 | Blood test: Endocrine test - Insulin resistance | Clinical Pathology test, Haematopoietic system test, Endocrine syste | 0 | 1 |
| 1 | 1 | Diagnostic | 22733 | Blood test: Endocrine test - PPID | Clinical Pathology test, Haematopoietic system test, Endocrine syste | 0 | 1 |
| 1 | 1 | Diagnostic | 18165 | Blood test: Haematology - manual packed cell volume (PCV) | Clinical Pathology test, Haematopoietic system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18159 | Blood test: Haematology - profile | Clinical Pathology test, Haematopoietic system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18162 | Blood test: Haematology - specific test (unspecified) | Clinical Pathology test, Haematopoietic system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18173 | Blood test: Infectious agent detection - bacterial | Clinical Pathology test, Haematopoietic system test, Infectious disor | 1 | 0 |
| 1 | 1 | Diagnostic | 18174 | Blood test: Infectious agent detection - endoparasitic | Clinical Pathology test, Haematopoietic system test, Infectious disor | 1 | 0 |
| 1 | 1 | Diagnostic | 18175 | Blood test: Infectious agent detection - viral | Clinical Pathology test, Haematopoietic system test, Infectious disor | 1 | 0 |
| 1 | 1 | Diagnostic | 18170 | Blood test: Infectious agent detection (unspecified) | Clinical Pathology test, Haematopoietic system test, Infectious disor | 1 | 0 |
| 1 | 1 | Diagnostic | 22736 | Blood test: Infectious agent detection profile | Clinical Pathology test, Haematopoietic system test, Infectious disor | 1 | 1 |
| 1 | 1 | Diagnostic | 22723 | Blood test: Serology - IgG | Clinical Pathology test, Haematopoietic system test | 0 | 1 |
| 1 | 1 | Diagnostic | 18182 | Blood test: Serology for immune-mediated diseases | Clinical Pathology test, Immune-mediated diseases test | 1 | 0 |
| 1 | 1 | Diagnostic | 18298 | Body fluid (not blood) analysis (test unspecified) | Clinical Pathology test | 1 | 0 |
| 1 | 1 | Diagnostic | 18300 | Body fluid (not blood) analysis: Biochemistry | Clinical Pathology test | 1 | 0 |
| 1 | 1 | Diagnostic | 18299 | Body fluid (not blood) analysis: Cytology | Clinical Pathology test | 1 | 0 |
| 1 | 1 | Diagnostic | 13389 | Brainstem auditory evoked responses/potentials (BAER) | Electrophysiology test, Auditory system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13390 | Central venous pressure (CVP) measurement | Blood pressure measurement test, Cardiovascular system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18124 | Clinical pathology (test unspecified) | Clinical Pathology test | 1 | 0 |
| 1 | 1 | Diagnostic | 13391 | Computerised (axial) tomography scan (CT scan, CAT scan) | Diagnostic Imaging test | 1 | 0 |
| 1 | 1 | Diagnostic | 18200 | CSF analysis (unspecified) | Clinical Pathology test, Nervous system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18201 | CSF analysis: Biochemistry - specific test (unspecified) | Clinical Pathology test, Nervous system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18202 | CSF analysis: Biochemistry - total solids (via refractometer) | Clinical Pathology test, Nervous system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18203 | CSF analysis: Cytology | Clinical Pathology test, Nervous system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18204 | CSF analysis: Infectious agent detection (unspecified) | Clinical Pathology test, Nervous system test, Infectious disorder tes | 1 | 0 |
| 1 | 1 | Diagnostic | 18297 | Cytology (site unspecified) | Clinical Pathology test | 1 | 0 |
| 1 | 1 | Diagnostic | 18214 | Dermatological testing | Clinical Pathology test, Dermatological testing | 1 | 0 |
| 1 | 1 | Diagnostic | 13392 | Double contrast cystography | Diagnostic Imaging test, Urogenital system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13393 | Echocardiography | Diagnostic Imaging test, Cardiovascular system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13394 | Electrocardiography (ECG) | Electrophysiology test, Cardiovascular system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13395 | Electroencephalography (EEG) | Electrophysiology test, Nervous system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13396 | Electromyography (EMG) | Electrophysiology test, Musculoskeletal system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13397 | Electroretinography (ERG) | Electrophysiology test, Ophthalmology/vision test | 1 | 0 |
| 1 | 1 | Diagnostic | 18216 | Faecal analysis (unspecified) | Clinical Pathology test, Alimentary tract/Digestive system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18218 | Faecal analysis: Infectious agent detection - bacterial | Clinical Pathology test, Alimentary tract/Digestive system test, Infect | 1 | 0 |
| 1 | 1 | Diagnostic | 18219 | Faecal analysis: Infectious agent detection - endoparasitic | Clinical Pathology test, Alimentary tract/Digestive system test, Infect | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|------------|------------------------|--|---|--------------|--------|
| 1 | 1 | Diagnostic | 18220 | Faecal analysis: Infectious agent detection - viral | Clinical Pathology test, Alimentary tract/Digestive system test, Infectious disorder test | 1 | 0 |
| 1 | 1 | Diagnostic | 18217 | Faecal analysis: Infectious agent detection (unspecified) | Clinical Pathology test, Alimentary tract/Digestive system test, Infectious disorder test | 1 | 0 |
| 1 | 1 | Diagnostic | 22743 | Faecal analysis: worm egg count (WEC) | Clinical Pathology test, Alimentary tract/Digestive system test, Infectious disorder test | 0 | 1 |
| 1 | 1 | Diagnostic | 13398 | Fluoroscopy | Diagnostic Imaging test | 1 | 0 |
| 1 | 1 | Diagnostic | 13399 | Glomerular filtration rate (GFR) measurement: creatinine clearance | Glomerular filtration rate (GFR) measurement test, Urogenital system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13400 | Glomerular filtration rate (GFR) measurement: iohexol clearance | Glomerular filtration rate (GFR) measurement test, Urogenital system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13401 | Glomerular filtration rate (GFR) measurement: scintigraphic estimation | Glomerular filtration rate (GFR) measurement test, Diagnostic Imaging test | 1 | 0 |
| 1 | 1 | Diagnostic | 18304 | Histopathology (site unspecified) | Clinical Pathology test | 1 | 0 |
| 1 | 1 | Diagnostic | 18308 | Infectious agent detection - bacterial (site unspecified) | Clinical Pathology test, Infectious disorder test | 1 | 0 |
| 1 | 1 | Diagnostic | 18309 | Infectious agent detection - endoparasitic (site unspecified) | Clinical Pathology test, Infectious disorder test | 1 | 0 |
| 1 | 1 | Diagnostic | 18310 | Infectious agent detection - fungal (site unspecified) | Clinical Pathology test, Infectious disorder test | 1 | 0 |
| 1 | 1 | Diagnostic | 18311 | Infectious agent detection - viral (site unspecified) | Clinical Pathology test, Infectious disorder test | 1 | 0 |
| 1 | 1 | Diagnostic | 18307 | Infectious agent detection (agent unspecified) | Clinical Pathology test, Infectious disorder test | 1 | 0 |
| 1 | 1 | Diagnostic | 13402 | Intravenous (excretory) urography (IVU) | Diagnostic Imaging test, Urogenital system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13403 | Lymphangiography | Diagnostic Imaging test, Lymphatic system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13404 | Magnetic resonance imaging (MRI) scan | Diagnostic Imaging test | 1 | 0 |
| 1 | 1 | Diagnostic | 13405 | Myelography | Diagnostic Imaging test, Nervous system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13406 | Nerve conduction studies - motor | Electrophysiology test, Nervous system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13407 | Nerve conduction studies - sensory | Electrophysiology test, Nervous system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13408 | Pacemaker interrogation | Pacemaker interrogation, Cardiovascular system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18228 | Peritoneal fluid analysis (unspecified) | Clinical Pathology test, Abdominal test | 1 | 0 |
| 1 | 1 | Diagnostic | 18229 | Peritoneal fluid analysis: Biochemistry - specific test (unspecified) | Clinical Pathology test, Abdominal test | 1 | 0 |
| 1 | 1 | Diagnostic | 18230 | Peritoneal fluid analysis: Biochemistry - total solids (via refractometer) | Clinical Pathology test, Abdominal test | 1 | 0 |
| 1 | 1 | Diagnostic | 18231 | Peritoneal fluid analysis: Cytology | Clinical Pathology test, Abdominal test | 1 | 0 |
| 1 | 1 | Diagnostic | 18233 | Peritoneal fluid analysis: Infectious agent detection - bacterial | Clinical Pathology test, Abdominal test, Infectious disorder test | 1 | 0 |
| 1 | 1 | Diagnostic | 18232 | Peritoneal fluid analysis: Infectious agent detection (unspecified) | Clinical Pathology test, Abdominal test, Infectious disorder test | 1 | 0 |
| 1 | 1 | Diagnostic | 18247 | Pleural fluid analysis (unspecified) | Clinical Pathology test, Thoracic test | 1 | 0 |
| 1 | 1 | Diagnostic | 18248 | Pleural fluid analysis: Biochemistry - specific test (unspecified) | Clinical Pathology test, Thoracic test | 1 | 0 |
| 1 | 1 | Diagnostic | 18249 | Pleural fluid analysis: Biochemistry - total solids (via refractometer) | Clinical Pathology test, Thoracic test | 1 | 0 |
| 1 | 1 | Diagnostic | 18250 | Pleural fluid analysis: Cytology | Clinical Pathology test, Thoracic test | 1 | 0 |
| 1 | 1 | Diagnostic | 18252 | Pleural fluid analysis: Infectious agent detection - bacterial | Clinical Pathology test, Thoracic test, Infectious disorder test | 1 | 0 |
| 1 | 1 | Diagnostic | 18251 | Pleural fluid analysis: Infectious agent detection (unspecified) | Clinical Pathology test, Thoracic test, Infectious disorder test | 1 | 0 |
| 1 | 1 | Diagnostic | 13409 | Pneumocystography | Diagnostic Imaging test, Urogenital system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13410 | Portovenography | Diagnostic Imaging test, Cardiovascular system test | 1 | 0 |
| 1 | 1 | Diagnostic | 21761 | Pregnancy test (unspecified) | Reproductive system test | 1 | 0 |
| 1 | 1 | Diagnostic | 21763 | Pregnancy test: Hormonal (blood) | Reproductive system test, Clinical Pathology test, Haematopoietic system test | 1 | 0 |
| 1 | 1 | Diagnostic | 21762 | Pregnancy test: Hormonal (unspecified) | Reproductive system test, Endocrine system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13411 | Radiography | Diagnostic Imaging test | 1 | 1 |
| 1 | 1 | Diagnostic | 13414 | Retrograde urethrocytography | Diagnostic Imaging test, Urogenital system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13415 | Retrograde urethrography | Diagnostic Imaging test, Urogenital system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13412 | Retrograde vaginourethrocytography | Diagnostic Imaging test, Urogenital system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13413 | Retrograde vaginourethrography | Diagnostic Imaging test, Urogenital system test | 1 | 0 |
| 1 | 1 | Diagnostic | 13417 | Scintigraphy - other | Diagnostic Imaging test | 1 | 0 |
| 1 | 1 | Diagnostic | 13416 | Scintigraphy - thyroid | Diagnostic Imaging test, Endocrine/Metabolic test | 1 | 0 |
| 1 | 1 | Diagnostic | 22717 | Swab (for microbiology) - clitoral | Infectious disorder test, Clinical Pathology test, Urogenital system test | 0 | 1 |
| 1 | 1 | Diagnostic | 22718 | Swab (for microbiology) - nasopharyngeal | Infectious disorder test, Clinical Pathology test, Alimentary tract/Digestive system test | 0 | 1 |
| 1 | 1 | Diagnostic | 22719 | Swab (for microbiology) - penile | Infectious disorder test, Clinical Pathology test, Urogenital system test | 0 | 1 |
| 1 | 1 | Diagnostic | 22720 | Swab (for microbiology) - uterine | Infectious disorder test, Clinical Pathology test, Reproductive system test | 0 | 1 |
| 1 | 1 | Diagnostic | 22721 | Swab (for microbiology) - wound | Infectious disorder test, Clinical Pathology test | 1 | 1 |
| 1 | 1 | Diagnostic | 18265 | Synovial fluid analysis (unspecified) | Clinical Pathology test, Musculoskeletal system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18266 | Synovial fluid analysis: Biochemistry - specific test (unspecified) | Clinical Pathology test, Musculoskeletal system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18267 | Synovial fluid analysis: Biochemistry - total solids (via refractometer) | Clinical Pathology test, Musculoskeletal system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18268 | Synovial fluid analysis: Cytology | Clinical Pathology test, Musculoskeletal system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18270 | Synovial fluid analysis: Infectious agent detection - bacterial | Clinical Pathology test, Musculoskeletal system test, Infectious disorder test | 1 | 0 |
| 1 | 1 | Diagnostic | 18269 | Synovial fluid analysis: Infectious agent detection (unspecified) | Clinical Pathology test, Musculoskeletal system test, Infectious disorder test | 1 | 0 |
| 1 | 1 | Diagnostic | 22740 | Tracheal wash fluid analysis: Infectious agent detection (unspecified) | Clinical Pathology test, Respiratory system test, Infectious disorder test | 1 | 1 |
| 1 | 1 | Diagnostic | 22738 | Tracheal wash fluid analysis (unspecified) | Clinical Pathology test, Respiratory system test | 1 | 1 |
| 1 | 1 | Diagnostic | 22739 | Tracheal wash fluid analysis: Cytology | Clinical Pathology test, Respiratory system test | 1 | 1 |
| 1 | 1 | Diagnostic | 13418 | Ultrasonography | Diagnostic Imaging test | 1 | 1 |
| 1 | 1 | Diagnostic | 18282 | Urinalysis (unspecified) | Clinical Pathology test, Urogenital system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18285 | Urinalysis: Infectious agent detection - bacterial | Clinical Pathology test, Urogenital system test, Infectious disorder test | 1 | 0 |
| 1 | 1 | Diagnostic | 18284 | Urinalysis: Infectious agent detection (unspecified) | Clinical Pathology test, Urogenital system test, Infectious disorder test | 1 | 0 |
| 1 | 1 | Diagnostic | 18283 | Urinalysis: Profile (dipstick, sediment, SG) | Clinical Pathology test, Urogenital system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18287 | Urinalysis: Specific test - protein:creatinine ratio | Clinical Pathology test, Urogenital system test | 1 | 0 |
| 1 | 1 | Diagnostic | 18286 | Urinalysis: Specific test (unspecified) | Clinical Pathology test, Urogenital system test | 1 | 0 |
| 1 | 1 | Reason for | 7336 | Admit for surgery | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18772 | Aggressive | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18773 | Agitated | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18774 | Anxious | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18775 | Attacked by other animal | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18776 | Bald | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19026 | Bandage problem | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18777 | Barking | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18778 | Been kicked | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18779 | Been run over/hit by car | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18780 | Been stung | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18781 | Begging/crying for food | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 7337 | Behaviour advice | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18782 | Behaviour problem (unspecified) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18783 | Being sick | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18784 | Being sick with blood | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18785 | Bitten | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18786 | Black or tarry motions/stools | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18787 | Bleeding (unspecified) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18788 | Bleeding from mouth | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18789 | Bleeding from nose | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18790 | Bleeding from penis | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18791 | Bleeding from wound | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18792 | Blind | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18793 | Bloated | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19029 | Blood test | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18794 | Bloody eye | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18795 | Bluish or purplish skin, gums etc. (cyanotic) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 7334 | Boarding | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18796 | Breathing difficulty | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18797 | Breathing quickly | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18798 | Breathless | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18799 | Bringing up food/liquid | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19826 | Broken/torn nail/claw | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18800 | Bruising | Reason for visit | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|------------|------------------------|--------------------------------|---------------------|--------------|--------|
| 1 | 1 | Reason for | 18801 | Bumping into things | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19825 | Burn/scald | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18802 | Can't get up | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18803 | Can't keep food down | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18804 | Can't keep water down | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18805 | Can't move | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18806 | Change in bark, call or meow | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19035 | Chemotherapy | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18807 | Chewing feet | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18808 | Choking | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18809 | Cloudy eyes | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18810 | Collapsed | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18811 | Collapsing episodes | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18812 | Confused | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18813 | Constipated | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18814 | Coughing | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18815 | Coughing up blood | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18816 | Crying | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18817 | Cut | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18818 | Dead/passed away | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18819 | Deaf | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18820 | Depressed | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18821 | Diarrhoea | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18822 | Diarrhoea with blood | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 7338 | Dietary advice | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 7335 | Discharge | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18823 | Disorientated | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18824 | Distressed | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18825 | Dragging leg(s) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18826 | Dribbling | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18829 | Drinking and urinating more | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18827 | Drinking less | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18828 | Drinking more | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18830 | Drooling | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18831 | Dropping food | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 21751 | Drowned/Near drowning | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18832 | Dull | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18833 | Ear discharge | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18834 | Ear problem (unspecified) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18835 | Eaten something shouldn't have | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18836 | Eating less than normal | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18837 | Eating more than normal | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18838 | Emaciated | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19031 | Euthanasia/Put to sleep | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18839 | Eye problem (unspecified) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18840 | Eyes flicking/twitching | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18841 | Fainting episodes | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18842 | Feels cold | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18843 | Feels hot | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 21844 | Feral | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18844 | Fits/seizures/convulsions | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18845 | Fleas | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 7333 | Free dental check | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 7332 | Free flea check | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19032 | Further investigations | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18846 | Gagging | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18847 | Genital problem (unspecified) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18848 | Groaning | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18849 | Gums blue/purple | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18850 | Gums pale/white | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18851 | Gums red | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18852 | Gums yellow | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18855 | Had a stroke | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18853 | Had an accident | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18854 | Hair loss | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18856 | Has a temperature | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18857 | Head tilt/to one side | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 3730 | Health check - pre-travel | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18858 | Hives | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 21186 | House soiling: faeces/urine | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18859 | Hunched up | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18860 | In pain/discomfort | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18861 | Incontinent - motions/stools | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18862 | Incontinent - urine | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18863 | Itchy (unspecified) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18864 | Itchy ear | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18865 | Itchy skin | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 15562 | Kitten check - nurse | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 15564 | Kitten check - vet | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18866 | Lame | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18872 | Lethargic/tired | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18867 | Licking (unspecified) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18868 | Licking bum/back end | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18869 | Licking feet | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18870 | Licking penis | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18871 | Limping | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18873 | Loose motions/stools | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18874 | Losing balance | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18875 | Losing hair | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18876 | Losing weight | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18877 | Lump/swelling (unspecified) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18879 | Lump/swelling in mouth | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18878 | Lump/swelling in/on ear | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18880 | Lump/swelling on skin | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18881 | Meowing | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18882 | Mouth problem (unspecified) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18883 | Near death/possibly dying | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18884 | Noisy/loud breathing | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18885 | Nose bleed | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18886 | Nose discharge | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18887 | Nose problem (unspecified) | Reason for visit | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|------------|------------------------|--|---------------------|--------------|--------|
| 1 | 1 | Reason for | 18888 | Not breathing | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18889 | Not eating anything | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18890 | Not himself/herself | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18891 | NOT LISTED | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18892 | Not moving | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18893 | Not passing motions/stools | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18894 | Not responding | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18895 | Not right | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18896 | Not urinating | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 7339 | Nurse appointment | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18897 | Obesity | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18898 | Off colour | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18899 | Off legs | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 21878 | Old age (geriatric) check - nurse | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 21879 | Old age (geriatric) check - vet | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19036 | Other specific treatment | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19030 | Other test | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18900 | Pacing | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18901 | Paddling | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18902 | Pain on eating/chewing | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18903 | Pain when picked up/handled | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18904 | Painful (unspecified) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18905 | Painful ear | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18906 | Painful eye | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18907 | Painful mouth | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18908 | Painful tummy | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18909 | Pale | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18910 | Panting | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 21848 | Parturition (whelping / birthing) check | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18911 | Pawing at mouth | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18912 | Penis stuck out | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18913 | Poisoned | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18914 | Poor growth | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18915 | Poor hearing | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18916 | Poor quality of life | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18917 | Poor sight | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18918 | Poor weight gain | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19027 | Post-operative problem (unspecified) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19028 | Post-operative problem: wound-related | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 21631 | Postpartum examination (Post-birthing check) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18919 | Puffy ear | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18920 | Puffy eye | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 15566 | Puppy check - nurse | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 15568 | Puppy check - vet | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 7331 | Puppy party | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18921 | Putting on weight | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18922 | Quiet | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19033 | Radioactive iodine treatment | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18923 | Rash | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18924 | Ravenous | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18925 | Red ear | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18926 | Red eye | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19037 | Re-examination/Follow-up | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19819 | Referral | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18927 | Reluctant to exercise | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18928 | Reluctant to get up | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18929 | Reluctant to walk | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18930 | Restless | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18931 | Retching | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18932 | Rubbing bottom/tail/back end | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18933 | Rubbing ear | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18934 | Rubbing eye | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18935 | Rubbing mouth | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18936 | Runny eye | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18937 | Runny nose | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18938 | Scavenged | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18939 | Scotting | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18940 | Scratching bottom/tail | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18941 | Scratching ear | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18942 | Scratching head | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18943 | Scratching skin | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 7328 | Senior clinic | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18944 | Shaking body | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18945 | Shaking head | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18946 | Shivering | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18947 | Short of breath | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18948 | Skin problem (unspecified) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18949 | Slow | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18950 | Smelly (unspecified) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18952 | Smelly ear | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18953 | Smelly skin | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18951 | Smelly/bad breath | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18954 | Sneezing | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18955 | Something stuck in throat | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18956 | Sore bum | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18957 | Sore ear | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18958 | Sore eye(s) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18959 | Sore mouth | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18960 | Sore tummy | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18961 | Spotting urine | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18962 | Squinting | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18963 | Stiff | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18964 | Stiff after exercise | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18965 | Stools/motions/faeces abnormal | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18966 | Straining (unspecified) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18967 | Straining to pass motions/stools | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18968 | Straining to urinate | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 21845 | Stray | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18969 | Struggling to breathe | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18970 | Struggling to eat | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18971 | Struggling to exercise | Reason for visit | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|--------------|------------------------|---|---------------------|--------------|--------|
| 1 | 1 | Reason for | 18972 | Struggling to stand | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18973 | Suffering | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 7340 | Suture removal - routine | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18974 | Swallowed something shouldn't have | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18975 | Swollen eye | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18976 | Swollen tummy/abdomen | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18977 | Thin | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18978 | Thirsty | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18979 | Throwing up | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18980 | Tires during exercise | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18981 | Tooth problem | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 189820 | Transfer (reason unspecified) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19821 | Transfer for medical care/monitoring | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19822 | Transfer for medical care/monitoring – post-operative | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19823 | Transfer for non-surgical procedure | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19824 | Transfer for surgical procedure | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18982 | Traumatic injury | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18983 | Tremors | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18984 | Trouble breathing | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18985 | Trouble eating | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18986 | Trouble giving birth | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18987 | Trouble passing motions/stools | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18988 | Trouble passing urine | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18989 | Trying to be sick | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18990 | Trying to bring something up | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18991 | Twitching | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18992 | Unable to settle | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18993 | Unconscious | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18994 | Uncoordinated | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18995 | Unresponsive | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18996 | Unsteady | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 21752 | Unwanted animal | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18997 | Urinating abnormally | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18998 | Urinating more | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 18999 | Urine looks abnormal | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19034 | Vaccination | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19000 | Vaginal discharge | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19001 | Very hungry | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19002 | Very sick | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19003 | Vomiting | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19004 | Vomiting with blood | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19005 | Walking funny | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19006 | Wasting away | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19007 | Weak | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19008 | Weak legs | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 7329 | Weight clinic | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19009 | Weight gain | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19010 | Weight loss | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19011 | Wetting | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19012 | Whimpering | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19013 | Whining | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19014 | Wobbly | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19015 | Won't settle | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19016 | Worms | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19017 | Wound | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19018 | Wound broken down | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19019 | Wound infected | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19020 | Wound opened up | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19021 | Wound red | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19022 | Wound seeping | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19023 | Wound swollen | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19024 | Yellow skin, gums, eyes etc. (jaundice) | Reason for visit | 1 | 0 |
| 1 | 1 | Reason for | 19025 | Yelping | Reason for visit | 1 | 0 |
| 1 | 1 | Canine breed | 12969 | Abruzzenhund | | 1 | 0 |
| 1 | 1 | Canine breed | 13634 | Affenpinscher | | 1 | 0 |
| 1 | 1 | Canine breed | 13635 | African Boerboel (African Mastiff) | | 1 | 0 |
| 1 | 1 | Canine breed | 13636 | African Wild Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 22444 | Africanis | | 1 | 0 |
| 1 | 1 | Canine breed | 13637 | Akbash | | 1 | 0 |
| 1 | 1 | Canine breed | 13639 | Akita - American | | 1 | 0 |
| 1 | 1 | Canine breed | 13640 | Akita - Japanese Inu | | 1 | 0 |
| 1 | 1 | Canine breed | 13638 | Akita (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 13641 | Alaskan Klee Kai | | 1 | 0 |
| 1 | 1 | Canine breed | 13642 | Alaskan Malamute | | 1 | 0 |
| 1 | 1 | Canine breed | 13643 | Alaunt | | 1 | 0 |
| 1 | 1 | Canine breed | 13644 | Alopekis | | 1 | 0 |
| 1 | 1 | Canine breed | 13645 | American Bullnese | | 1 | 0 |
| 1 | 1 | Canine breed | 13646 | American Dingo (Carolina Dog) (American Indian Dog) | | 1 | 0 |
| 1 | 1 | Canine breed | 13647 | American Lamalase | | 1 | 0 |
| 1 | 1 | Canine breed | 13648 | American Lo-Size Fugg | | 1 | 0 |
| 1 | 1 | Canine breed | 13649 | American Staghound | | 1 | 0 |
| 1 | 1 | Canine breed | 22629 | Andalusian Mouse-Hunting Dog (Bodeguero Andaluz, Perro Ratonero Andaluz; Terrier - Jack Russell (JRT), Spanish) | | 1 | 0 |
| 1 | 1 | Canine breed | 13651 | Anglos-Francais de Moyenne Venerie | | 1 | 0 |
| 1 | 1 | Canine breed | 13671 | Anglos-Francaises de Petite Venerie | | 1 | 0 |
| 1 | 1 | Canine breed | 13672 | Aruban Cunucu Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 13673 | Aryan Molossus | | 1 | 0 |
| 1 | 1 | Canine breed | 13674 | Australian Bandog | | 1 | 0 |
| 1 | 1 | Canine breed | 13675 | Australian Kelpie | | 1 | 0 |
| 1 | 1 | Canine breed | 13676 | Austrian Brandlbracke | | 1 | 0 |
| 1 | 1 | Canine breed | 13677 | Auvergne Pointing Dog (Braque d'Auvergne) | | 1 | 0 |
| 1 | 1 | Canine breed | 22446 | Bandog (Bandogge)(unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 13678 | Basenji (African Bush Dog) | | 1 | 0 |
| 1 | 1 | Canine breed | 13680 | Basset - Artesian Normand | | 1 | 0 |
| 1 | 1 | Canine breed | 13681 | Basset - Bleu de Gascogne | | 1 | 0 |
| 1 | 1 | Canine breed | 13682 | Basset - Fauve de Bretagne (Basset - Fawn Brittany) | | 1 | 0 |
| 1 | 1 | Canine breed | 19083 | Basset - French (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 13679 | Basset (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22447 | Bassoodle | | 1 | 0 |
| 1 | 1 | Canine breed | 13684 | Beagle - Elizabethan | | 1 | 0 |
| 1 | 1 | Canine breed | 13685 | Beagle - English | | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|--------------|------------------------|---|---------------------|--------------|--------|
| 1 | 1 | Canine breed | 13686 | Beagle - Harrier | | 1 | 0 |
| 1 | 1 | Canine breed | 13687 | Beagle - Kerry | | 1 | 0 |
| 1 | 1 | Canine breed | 22448 | Beagle - Pocket | | 1 | 0 |
| 1 | 1 | Canine breed | 13688 | Beagle - Rough | | 1 | 0 |
| 1 | 1 | Canine breed | 13689 | Beagle - Smooth | | 1 | 0 |
| 1 | 1 | Canine breed | 13683 | Beagle (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22449 | Beaglier | | 1 | 0 |
| 1 | 1 | Canine breed | 13690 | Belgian Street Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 13711 | Berger Shetland | | 1 | 0 |
| 1 | 1 | Canine breed | 13713 | Bichon - Bolognese | | 1 | 0 |
| 1 | 1 | Canine breed | 13714 | Bichon - Frise | | 1 | 0 |
| 1 | 1 | Canine breed | 13715 | Bichon - Havanais | | 1 | 0 |
| 1 | 1 | Canine breed | 22450 | Bichon - Maltese | | 1 | 0 |
| 1 | 1 | Canine breed | 13716 | Bichon - Teneriffe | | 1 | 0 |
| 1 | 1 | Canine breed | 13712 | Bichon (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 13717 | Billy | | 1 | 0 |
| 1 | 1 | Canine breed | 13719 | Bloodhound - Southern | | 1 | 0 |
| 1 | 1 | Canine breed | 13720 | Bloodhound - St Hubert | | 1 | 0 |
| 1 | 1 | Canine breed | 13721 | Bloodhound - Standard | | 1 | 0 |
| 1 | 1 | Canine breed | 13718 | Bloodhound (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 13722 | Blue Lacy (Texas Blue Game Dog) | | 1 | 0 |
| 1 | 1 | Canine breed | 22452 | Bochi (Chi-Bo, Boston Huahua) | | 1 | 0 |
| 1 | 1 | Canine breed | 22453 | Bolonoodle | | 1 | 0 |
| 1 | 1 | Canine breed | 22540 | Borador (Labracollie) | | 1 | 0 |
| 1 | 1 | Canine breed | 22454 | Borgi | | 1 | 0 |
| 1 | 1 | Canine breed | 22455 | Borkie | | 1 | 0 |
| 1 | 1 | Canine breed | 13723 | Bosanski Ostrodlaki Gonik Barak | | 1 | 0 |
| 1 | 1 | Canine breed | 22652 | Boston Jug | | 1 | 0 |
| 1 | 1 | Canine breed | 7351 | Bouvier (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22456 | Boxador | | 1 | 0 |
| 1 | 1 | Canine breed | 13725 | Boxer - Bull | | 1 | 0 |
| 1 | 1 | Canine breed | 13726 | Boxer - English | | 1 | 0 |
| 1 | 1 | Canine breed | 13727 | Boxer - German (Boxer - Deutscher) | | 1 | 0 |
| 1 | 1 | Canine breed | 13724 | Boxer (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22457 | Boxerdoodle (Boxoodle) | | 1 | 0 |
| 1 | 1 | Canine breed | 13729 | Braque - Belge | | 1 | 0 |
| 1 | 1 | Canine breed | 13730 | Braque - d'Arige | | 1 | 0 |
| 1 | 1 | Canine breed | 13751 | Braque - Dupuy | | 1 | 0 |
| 1 | 1 | Canine breed | 13728 | Braque (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22458 | Braque Francais (French Pointing Dog) (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22460 | Braque Francais de Grand Taille (French Pointing Dog - Gascogne type) | | 1 | 0 |
| 1 | 1 | Canine breed | 22461 | Braque Francais de Petite Taille (French Pointing Dog - Pyrenean Type) | | 1 | 0 |
| 1 | 1 | Canine breed | 13754 | Brazilian Molosser | | 1 | 0 |
| 1 | 1 | Canine breed | 13755 | Brazilian Tracker (Rastreador Brasileiro) | | 1 | 0 |
| 1 | 1 | Canine breed | 22406 | Breed not listed (Canine) | | 1 | 0 |
| 1 | 1 | Canine breed | 13756 | Briard | | 1 | 0 |
| 1 | 1 | Canine breed | 22569 | Brittany (unspecified)(Spaniel - Brittany (unspecified)) | | 1 | 0 |
| 1 | 1 | Canine breed | 22567 | Brittany, American (Spaniel - Brittany, American) | | 1 | 0 |
| 1 | 1 | Canine breed | 22568 | Brittany, French (Spaniel - Brittany, French) | | 1 | 0 |
| 1 | 1 | Canine breed | 13757 | Bruno de Jura | | 1 | 0 |
| 1 | 1 | Canine breed | 22462 | Bug (Bugg) | | 1 | 0 |
| 1 | 1 | Canine breed | 13758 | Bull Arab | | 1 | 0 |
| 1 | 1 | Canine breed | 22465 | Bullador - American | | 1 | 0 |
| 1 | 1 | Canine breed | 22466 | Bullador - English | | 1 | 0 |
| 1 | 1 | Canine breed | 22464 | Bullador (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 13760 | Bulldog - Atapaha Blue Blood | | 1 | 0 |
| 1 | 1 | Canine breed | 13761 | Bulldog - American | | 1 | 0 |
| 1 | 1 | Canine breed | 13762 | Bulldog - Australian | | 1 | 0 |
| 1 | 1 | Canine breed | 22468 | Bulldog - Aylestone | | 1 | 0 |
| 1 | 1 | Canine breed | 13763 | Bulldog - Bordeaux | | 1 | 0 |
| 1 | 1 | Canine breed | 13764 | Bulldog - Boston | | 1 | 0 |
| 1 | 1 | Canine breed | 13765 | Bulldog - British (Bulldog - English) | | 1 | 0 |
| 1 | 1 | Canine breed | 13766 | Bulldog - Campeiro | | 1 | 0 |
| 1 | 1 | Canine breed | 13767 | Bulldog - Catahoula | | 1 | 0 |
| 1 | 1 | Canine breed | 13768 | Bulldog - French | | 1 | 0 |
| 1 | 1 | Canine breed | 13769 | Bulldog - Italian | | 1 | 0 |
| 1 | 1 | Canine breed | 13770 | Bulldog - Mallorquin | | 1 | 0 |
| 1 | 1 | Canine breed | 22469 | Bulldog - Miniature | | 1 | 0 |
| 1 | 1 | Canine breed | 13791 | Bulldog - Spanish (Alano Espanol) | | 1 | 0 |
| 1 | 1 | Canine breed | 22470 | Bulldog - Sussex | | 1 | 0 |
| 1 | 1 | Canine breed | 13792 | Bulldog - Valley | | 1 | 0 |
| 1 | 1 | Canine breed | 13793 | Bulldog - Victorian | | 1 | 0 |
| 1 | 1 | Canine breed | 13794 | Bulldog - Vilano (Villano De Las Encartaciones) | | 1 | 0 |
| 1 | 1 | Canine breed | 13759 | Bulldog (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 13796 | Bulldogge - Banter | | 1 | 0 |
| 1 | 1 | Canine breed | 13797 | Bulldogge - Brazilian | | 1 | 0 |
| 1 | 1 | Canine breed | 13798 | Bulldogge - Dorset Olde Tyme | | 1 | 0 |
| 1 | 1 | Canine breed | 13799 | Bulldogge - Larson Lakeview | | 1 | 0 |
| 1 | 1 | Canine breed | 13800 | Bulldogge - Olde Boston | | 1 | 0 |
| 1 | 1 | Canine breed | 13801 | Bulldogge - Olde English | | 1 | 0 |
| 1 | 1 | Canine breed | 13802 | Bulldogge - Olde Victorian | | 1 | 0 |
| 1 | 1 | Canine breed | 13803 | Bulldogge - Original English | | 1 | 0 |
| 1 | 1 | Canine breed | 13795 | Bulldogge (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22598 | Bull-Pei (Sharbull) | | 1 | 0 |
| 1 | 1 | Canine breed | 13804 | Bully Kuttas | | 1 | 0 |
| 1 | 1 | Canine breed | 22471 | Cairnoodle (Poocan, Cairn-Poo) | | 1 | 0 |
| 1 | 1 | Canine breed | 13805 | Cajun Squirrel Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 13806 | Canaan Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 22409 | Canary Dog (Perro de Presa Canario, Dogo Canario) | | 1 | 0 |
| 1 | 1 | Canine breed | 13808 | Canis Panther | | 1 | 0 |
| 1 | 1 | Canine breed | 13809 | Canoe Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 13831 | Cattle Dog - Appenzell (Appenzeller Sennenhund) (Mountain Dog - Appenzell) | | 1 | 0 |
| 1 | 1 | Canine breed | 13832 | Cattle Dog - Ardennes (Bouvier des Ardennes) | | 1 | 0 |
| 1 | 1 | Canine breed | 13833 | Cattle Dog - Australian | | 1 | 0 |
| 1 | 1 | Canine breed | 13834 | Cattle Dog - Azores (Cao De Fila De Sao Miguel) | | 1 | 0 |
| 1 | 1 | Canine breed | 13835 | Cattle Dog - Blue | | 1 | 0 |
| 1 | 1 | Canine breed | 22410 | Cattle Dog - Entlebuch (Entlebucher Sennenhund, Entlebucher Mountain Dog) | | 1 | 0 |
| 1 | 1 | Canine breed | 13837 | Cattle Dog - Flanders (Bouvier des Flandres) (Vlaamse Koehond) | | 1 | 0 |
| 1 | 1 | Canine breed | 13838 | Cattle Dog - Great Swiss | | 1 | 0 |
| 1 | 1 | Canine breed | 13839 | Cattle Dog - Portuguese (Cao de Castro Laboreiro) | | 1 | 0 |
| 1 | 1 | Canine breed | 13840 | Cattle Dog - Stumpy Tail | | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|--------------|------------------------|--|---------------------|--------------|--------|
| 1 | 1 | Canine breed | 13841 | Cattle Dog - Swedish (Vallhund) | | 1 | 0 |
| 1 | 1 | Canine breed | 13810 | Cattle Dog (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22472 | Cavachi (Chilier, Chiller, Cava-Chi) | | 1 | 0 |
| 1 | 1 | Canine breed | 22473 | Cavachon (Bichalier) | | 1 | 0 |
| 1 | 1 | Canine breed | 22475 | Cavador | | 1 | 0 |
| 1 | 1 | Canine breed | 22488 | Cavajack (Jackalier) | | 1 | 0 |
| 1 | 1 | Canine breed | 22553 | Cavamalt (Cav-A-Malt, Maltalier) | | 1 | 0 |
| 1 | 1 | Canine breed | 22489 | Cavapom | | 1 | 0 |
| 1 | 1 | Canine breed | 22474 | Cavapoo (Cavoodle, Cavadoodle) | | 1 | 0 |
| 1 | 1 | Canine breed | 22490 | Cavatzu (Cava-Tzu) | | 1 | 0 |
| 1 | 1 | Canine breed | 22491 | Cavestie (Cava Westie) | | 1 | 0 |
| 1 | 1 | Canine breed | 22492 | Chesador | | 1 | 0 |
| 1 | 1 | Canine breed | 22445 | Chi-Apso (Apsochi) | | 1 | 0 |
| 1 | 1 | Canine breed | 22493 | Chi-Con (Chichon, Bichon Chi) | | 1 | 0 |
| 1 | 1 | Canine breed | 13844 | Chien de Berger Belge | | 1 | 0 |
| 1 | 1 | Canine breed | 13845 | Chien Loup | | 1 | 0 |
| 1 | 1 | Canine breed | 3760 | Chihuahua - Teacup | | 1 | 0 |
| 1 | 1 | Canine breed | 7347 | Chihuahua (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 13846 | Chihuahua, Long-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 13847 | Chihuahua, Short-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 13848 | Chinese Chongqing Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 22494 | Chinese Crested (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 13849 | Chinese Crested, Hairless | | 1 | 0 |
| 1 | 1 | Canine breed | 13850 | Chinese Crested, Powder Puff | | 1 | 0 |
| 1 | 1 | Canine breed | 22514 | Chinese Crestepoo (Poochis) | | 1 | 0 |
| 1 | 1 | Canine breed | 13871 | Chinese Foo Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 13872 | Chinese Imperial Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 13873 | Chinese Shar-Pei | | 1 | 0 |
| 1 | 1 | Canine breed | 22495 | Chinese Shar-Pei, Miniature (Mini-Pei, Mini Shar-Pei) | | 1 | 0 |
| 1 | 1 | Canine breed | 13874 | Chinook | | 1 | 0 |
| 1 | 1 | Canine breed | 13842 | Chi-Poo | | 1 | 0 |
| 1 | 1 | Canine breed | 13875 | Chippiparai | | 1 | 0 |
| 1 | 1 | Canine breed | 13843 | Chi-Terrier | | 1 | 0 |
| 1 | 1 | Canine breed | 18059 | Chiweenie | | 1 | 0 |
| 1 | 1 | Canine breed | 22496 | Chonzer (Schnauzon) | | 1 | 0 |
| 1 | 1 | Canine breed | 22497 | Chorkie (Yorkie-Chi, Chiyorkie, Yorkiewawa) | | 1 | 0 |
| 1 | 1 | Canine breed | 13876 | Chow Chow | | 1 | 0 |
| 1 | 1 | Canine breed | 22498 | Chug (Pughuahua) | | 1 | 0 |
| 1 | 1 | Canine breed | 13877 | Cirneco Dell'Etna | | 1 | 0 |
| 1 | 1 | Canine breed | 22503 | Cockachon (Bichon Spaniel) | | 1 | 0 |
| 1 | 1 | Canine breed | 22499 | Cockador (Spanador, Cockerdor) | | 1 | 0 |
| 1 | 1 | Canine breed | 22500 | Cockalier (Cockalier Spaniel) | | 1 | 0 |
| 1 | 1 | Canine breed | 22501 | Cockapoo - American | | 1 | 0 |
| 1 | 1 | Canine breed | 22502 | Cockapoo - Miniature | | 1 | 0 |
| 1 | 1 | Canine breed | 22427 | Cockapoo (Spoodle) | | 1 | 0 |
| 1 | 1 | Canine breed | 22504 | Cockatzu | | 1 | 0 |
| 1 | 1 | Canine breed | 13882 | Collie - Bearded | | 1 | 0 |
| 1 | 1 | Canine breed | 13883 | Collie - Border | | 1 | 0 |
| 1 | 1 | Canine breed | 13884 | Collie - Farm | | 1 | 0 |
| 1 | 1 | Canine breed | 13885 | Collie - Old Farm | | 1 | 0 |
| 1 | 1 | Canine breed | 22507 | Collie - Scottish (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 13880 | Collie - Scottish Rough | | 1 | 0 |
| 1 | 1 | Canine breed | 13881 | Collie - Scottish Smooth | | 1 | 0 |
| 1 | 1 | Canine breed | 13879 | Collie (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22512 | Combat (Hound - Indian Bear, Kombai) | | 1 | 0 |
| 1 | 1 | Canine breed | 13887 | Coonhound - American | | 1 | 0 |
| 1 | 1 | Canine breed | 13888 | Coonhound - Black and Tan | | 1 | 0 |
| 1 | 1 | Canine breed | 13889 | Coonhound - Bluetick | | 1 | 0 |
| 1 | 1 | Canine breed | 13890 | Coonhound - English | | 1 | 0 |
| 1 | 1 | Canine breed | 13911 | Coonhound - Redbone | | 1 | 0 |
| 1 | 1 | Canine breed | 13912 | Coonhound - Redtick | | 1 | 0 |
| 1 | 1 | Canine breed | 13913 | Coonhound - Treeing Walker | | 1 | 0 |
| 1 | 1 | Canine breed | 13886 | Coonhound (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22580 | Corgi Pug (Porgi) | | 1 | 0 |
| 1 | 1 | Canine breed | 22513 | Corkie | | 1 | 0 |
| 1 | 1 | Canine breed | 13914 | Coton De Tulear | | 1 | 0 |
| 1 | 1 | Canine breed | 13915 | Coydog | | 1 | 0 |
| 1 | 1 | Canine breed | 14976 | Crossbreed (Mongrel) | | 1 | 0 |
| 1 | 1 | Canine breed | 13918 | Cur - Black Mouth | | 1 | 0 |
| 1 | 1 | Canine breed | 13919 | Cur - Leopard (Catahoula Leopard Dog) | | 1 | 0 |
| 1 | 1 | Canine breed | 13920 | Cur - Mountain Stephens Stock | | 1 | 0 |
| 1 | 1 | Canine breed | 13922 | Cur - Mountain, Standard | | 1 | 0 |
| 1 | 1 | Canine breed | 13921 | Cur - Mountain, View | | 1 | 0 |
| 1 | 1 | Canine breed | 13923 | Cur - Southern, Blackmouth | | 1 | 0 |
| 1 | 1 | Canine breed | 13924 | Cur - Southern, Standard | | 1 | 0 |
| 1 | 1 | Canine breed | 13925 | Cur - Treeing | | 1 | 0 |
| 1 | 1 | Canine breed | 13926 | Cur - Yellow Black Mouth | | 1 | 0 |
| 1 | 1 | Canine breed | 13917 | Cur (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 13928 | Dachsbracke - Alpine (Alpenländische) (Basset des Alpes) | | 1 | 0 |
| 1 | 1 | Canine breed | 13929 | Dachsbracke - Dutch (Strelluftstover) | | 1 | 0 |
| 1 | 1 | Canine breed | 13930 | Dachsbracke - Swedish (Drever) | | 1 | 0 |
| 1 | 1 | Canine breed | 13951 | Dachsbracke - Westphalian | | 1 | 0 |
| 1 | 1 | Canine breed | 13927 | Dachsbracke (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 13953 | Dachshund - Old Format | | 1 | 0 |
| 1 | 1 | Canine breed | 19075 | Dachshund - Teckel | | 1 | 0 |
| 1 | 1 | Canine breed | 13952 | Dachshund (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 13954 | Dachshund, Miniature (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 13955 | Dachshund, Miniature Long-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 13956 | Dachshund, Miniature Smooth-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 13957 | Dachshund, Miniature Wire-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 22421 | Dachshund, Rabbit (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22422 | Dachshund, Rabbit Long-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 22423 | Dachshund, Rabbit Smooth-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 22424 | Dachshund, Rabbit Wire-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 13958 | Dachshund, Standard (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 13959 | Dachshund, Standard Long-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 13960 | Dachshund, Standard Smooth-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 13961 | Dachshund, Standard Wire-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 22515 | Dalmador | | 1 | 0 |
| 1 | 1 | Canine breed | 13962 | Dalmatian | | 1 | 0 |
| 1 | 1 | Canine breed | 22614 | Dalmatian Spaniel (Spalmatian) | | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|--------------|------------------------|--|---------------------|--------------|--------|
| 1 | 1 | Canine breed | 13963 | Danish Chicken Dog (Gammel Dansk Høsehund) | | 1 | 0 |
| 1 | 1 | Canine breed | 13964 | Danish-Swedish Farm Dog (Dansk-Svensk Gaardhund) | | 1 | 0 |
| 1 | 1 | Canine breed | 13965 | Deutscher Wachtelhund | | 1 | 0 |
| 1 | 1 | Canine breed | 13966 | Dingo (Australian Native Dog) (Maliki) (Warrigal) (Noggum) (Mirigung) (Booloromo) | | 1 | 0 |
| 1 | 1 | Canine breed | 13967 | Dogo Argentino | | 1 | 0 |
| 1 | 1 | Canine breed | 13968 | Dogue Brasileiro | | 1 | 0 |
| 1 | 1 | Canine breed | 19077 | Dogue de Bordeaux (Mastiff - Bull, French)(Mastiff - Bull)(Mastiff - French) | | 1 | 0 |
| 1 | 1 | Canine breed | 22516 | Dorkie (Dorkie Terrier) | | 1 | 0 |
| 1 | 1 | Canine breed | 13970 | Dutch Partridge Dog (Drentse Patrijshond) | | 1 | 0 |
| 1 | 1 | Canine breed | 13991 | Dutch Sheppoodle (Nederlandse Schapendoes) | | 1 | 0 |
| 1 | 1 | Canine breed | 13992 | East Russian Coursing Hounds | | 1 | 0 |
| 1 | 1 | Canine breed | 13994 | Elkhound - Norwegian | | 1 | 0 |
| 1 | 1 | Canine breed | 13995 | Elkhound - Swedish (Jamthund) | | 1 | 0 |
| 1 | 1 | Canine breed | 13993 | Elkhound (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 13996 | Elo | | 1 | 0 |
| 1 | 1 | Canine breed | 13997 | Euraster (Eurasian) | | 1 | 0 |
| 1 | 1 | Canine breed | 13999 | Feist - Bench-legged | | 1 | 0 |
| 1 | 1 | Canine breed | 14000 | Feist - Kemmer | | 1 | 0 |
| 1 | 1 | Canine breed | 14001 | Feist - Mountain | | 1 | 0 |
| 1 | 1 | Canine breed | 14002 | Feist - Pencil-Tail | | 1 | 0 |
| 1 | 1 | Canine breed | 14003 | Feist - Treeing | | 1 | 0 |
| 1 | 1 | Canine breed | 13998 | Feist (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14007 | Foxhound - American | | 1 | 0 |
| 1 | 1 | Canine breed | 14008 | Foxhound - English | | 1 | 0 |
| 1 | 1 | Canine breed | 14006 | Foxhound (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14009 | Gascon Saintongeois, Grand | | 1 | 0 |
| 1 | 1 | Canine breed | 14010 | Gascon Saintongeois, Petit | | 1 | 0 |
| 1 | 1 | Canine breed | 22517 | German Sheppoodle (Schafpudle) | | 1 | 0 |
| 1 | 1 | Canine breed | 14032 | German Wolfspitz | | 1 | 0 |
| 1 | 1 | Canine breed | 22519 | Goldendoodle - Miniature (Toy) (Mini Groodle) | | 1 | 0 |
| 1 | 1 | Canine breed | 22520 | Goldendoodle - Petite (Petite Groodle) | | 1 | 0 |
| 1 | 1 | Canine breed | 22518 | Goldendoodle (Groodle) | | 1 | 0 |
| 1 | 1 | Canine breed | 14034 | Grand Anglo-Français, Blanc Et Noir | | 1 | 0 |
| 1 | 1 | Canine breed | 14035 | Grand Anglo-Français, Blanc Et Orange | | 1 | 0 |
| 1 | 1 | Canine breed | 14036 | Grand Anglo-Français, Tricolore | | 1 | 0 |
| 1 | 1 | Canine breed | 14037 | Great Dane (Mastiff - German) (Deutsche Dogge) | | 1 | 0 |
| 1 | 1 | Canine breed | 14038 | Great Japanese Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 14039 | Greenland Dog (Esquimaux Dog) (Grunlandshund) | | 1 | 0 |
| 1 | 1 | Canine breed | 22426 | Greyhound - Arabian (Sloughi, Sloughi Moghrebi) (Levrier Marocain) | | 1 | 0 |
| 1 | 1 | Canine breed | 14042 | Greyhound - Australian (Kangaroo Dog) | | 1 | 0 |
| 1 | 1 | Canine breed | 14043 | Greyhound - Banjara | | 1 | 0 |
| 1 | 1 | Canine breed | 14044 | Greyhound - Eastern (West Russian Coursing Hound) (Chortaj) | | 1 | 0 |
| 1 | 1 | Canine breed | 14045 | Greyhound - English | | 1 | 0 |
| 1 | 1 | Canine breed | 14046 | Greyhound - Hungarian (Magyar Agar) | | 1 | 0 |
| 1 | 1 | Canine breed | 18069 | Greyhound - Irish | | 1 | 0 |
| 1 | 1 | Canine breed | 14047 | Greyhound - Italian (Piccolo Levriero Italiano) | | 1 | 0 |
| 1 | 1 | Canine breed | 14048 | Greyhound - Mahratta | | 1 | 0 |
| 1 | 1 | Canine breed | 14049 | Greyhound - Polish (Chart Polski) | | 1 | 0 |
| 1 | 1 | Canine breed | 14050 | Greyhound - Potsdam | | 1 | 0 |
| 1 | 1 | Canine breed | 14071 | Greyhound - Rampur (North Indian) | | 1 | 0 |
| 1 | 1 | Canine breed | 14072 | Greyhound - Spanish (Galgo Español) | | 1 | 0 |
| 1 | 1 | Canine breed | 14040 | Greyhound (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 7348 | Griffon - Basset Vendeen (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14074 | Griffon - Basset Vendeen, Grand | | 1 | 0 |
| 1 | 1 | Canine breed | 14075 | Griffon - Basset Vendeen, Petit | | 1 | 0 |
| 1 | 1 | Canine breed | 14076 | Griffon - Belgian (Griffon - Belge) | | 1 | 0 |
| 1 | 1 | Canine breed | 14077 | Griffon - Bleu de Gascogne, Grand | | 1 | 0 |
| 1 | 1 | Canine breed | 14078 | Griffon - Bleu de Gascogne, Petit | | 1 | 0 |
| 1 | 1 | Canine breed | 14079 | Griffon - Briquet Vendeen | | 1 | 0 |
| 1 | 1 | Canine breed | 22521 | Griffon - Brussels (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14080 | Griffon - Brussels, Smooth (Petit Brabancon) | | 1 | 0 |
| 1 | 1 | Canine breed | 14081 | Griffon - Brussels, Standard (Bruxellois) | | 1 | 0 |
| 1 | 1 | Canine breed | 14082 | Griffon - French Korthals Pointing Wire-Haired (Korthals French Pointing Griffon, Wire-Haired) | | 1 | 0 |
| 1 | 1 | Canine breed | 14083 | Griffon - Nivernais (Chien de Pays) | | 1 | 0 |
| 1 | 1 | Canine breed | 14084 | Griffon - Pointing, Wire-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 14085 | Griffon - Vendeen, Grand | | 1 | 0 |
| 1 | 1 | Canine breed | 14073 | Griffon (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14087 | Guard Dog - French | | 1 | 0 |
| 1 | 1 | Canine breed | 14088 | Guard Dog - German (Hovawart) | | 1 | 0 |
| 1 | 1 | Canine breed | 14086 | Guard Dog (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14089 | Guejae Gae | | 1 | 0 |
| 1 | 1 | Canine breed | 14090 | Gull Dongs | | 1 | 0 |
| 1 | 1 | Canine breed | 14111 | Gull Ter | | 1 | 0 |
| 1 | 1 | Canine breed | 22523 | Harrier (Hound - Harrier, Harehound) | | 1 | 0 |
| 1 | 1 | Canine breed | 14113 | Havana Silk Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 14114 | Havanese | | 1 | 0 |
| 1 | 1 | Canine breed | 14115 | Hawaiian Poi Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 14117 | Heeler - Blue | | 1 | 0 |
| 1 | 1 | Canine breed | 14118 | Heeler - Lancashire (Heeler - Ormskirk) | | 1 | 0 |
| 1 | 1 | Canine breed | 14116 | Heeler (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14119 | Hokkaido (Ainu Ken) (Ainu Inu) | | 1 | 0 |
| 1 | 1 | Canine breed | 14121 | Hound - Afghan | | 1 | 0 |
| 1 | 1 | Canine breed | 14122 | Hound - American Blue Gascon | | 1 | 0 |
| 1 | 1 | Canine breed | 14123 | Hound - Ariege (Ariegeois) (Pointer - Ariege) | | 1 | 0 |
| 1 | 1 | Canine breed | 14124 | Hound - Artois (Hound - Briquet) | | 1 | 0 |
| 1 | 1 | Canine breed | 14125 | Hound - Austrian | | 1 | 0 |
| 1 | 1 | Canine breed | 14126 | Hound - Austrian Black and Tan | | 1 | 0 |
| 1 | 1 | Canine breed | 14127 | Hound - Azawakh (Tuareg Sloughi) | | 1 | 0 |
| 1 | 1 | Canine breed | 14129 | Hound - Basset | | 1 | 0 |
| 1 | 1 | Canine breed | 14130 | Hound - Bavarian Mountain | | 1 | 0 |
| 1 | 1 | Canine breed | 14151 | Hound - Bernese | | 1 | 0 |
| 1 | 1 | Canine breed | 14152 | Hound - Bizanian | | 1 | 0 |
| 1 | 1 | Canine breed | 14153 | Hound - Black Forrest | | 1 | 0 |
| 1 | 1 | Canine breed | 14154 | Hound - Bleu de Gascogne, Grand | | 1 | 0 |
| 1 | 1 | Canine breed | 14155 | Hound - Bleu de Gascogne, Petit | | 1 | 0 |
| 1 | 1 | Canine breed | 14156 | Hound - Bosnian (Hound - Barak) | | 1 | 0 |
| 1 | 1 | Canine breed | 14157 | Hound - Canadian Warren | | 1 | 0 |
| 1 | 1 | Canine breed | 14158 | Hound - Canary Warren (Podenco Canario) | | 1 | 0 |
| 1 | 1 | Canine breed | 14159 | Hound - Caravan (Hound - Maratha) (Hound - Mudhol) (Hound - Pashmi) | | 1 | 0 |
| 1 | 1 | Canine breed | 14160 | Hound - Cretan | | 1 | 0 |
| 1 | 1 | Canine breed | 14161 | Hound - Dutch Tulip (Hollandse Tulphond) (Markiesje) | | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|--------------|------------------------|---|---------------------|--------------|--------|
| 1 | 1 | Canine breed | 14162 | Hound - Estonian | | 1 | 0 |
| 1 | 1 | Canine breed | 14163 | Hound - Finnish | | 1 | 0 |
| 1 | 1 | Canine breed | 22522 | Hound - French (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14164 | Hound - French, Tricolour (Chien Francais Tricolore) | | 1 | 0 |
| 1 | 1 | Canine breed | 14165 | Hound - French, White and Black (Chien Francais Blanc et Noir) | | 1 | 0 |
| 1 | 1 | Canine breed | 14166 | Hound - French, White and Orange (Chien Francais Blanc et Orange) | | 1 | 0 |
| 1 | 1 | Canine breed | 14167 | Hound - German (Deutsche Bracke) | | 1 | 0 |
| 1 | 1 | Canine breed | 14168 | Hound - Greek (Hellenic) (Hellenikos Ichnilatis) | | 1 | 0 |
| 1 | 1 | Canine breed | 14169 | Hound - Halden (Haldenstovare) | | 1 | 0 |
| 1 | 1 | Canine breed | 14170 | Hound - Hamilton (Hamiltonstovare) | | 1 | 0 |
| 1 | 1 | Canine breed | 14191 | Hound - Hanoverian (Hound - Scent) | | 1 | 0 |
| 1 | 1 | Canine breed | 14192 | Hound - Ibizan (Ibizan Warren) (Podenco Ibicenco) | | 1 | 0 |
| 1 | 1 | Canine breed | 14194 | Hound - Istrian Coarse-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 14195 | Hound - Istrian Short-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 14196 | Hound - Italian (Segugio Italiano) | | 1 | 0 |
| 1 | 1 | Canine breed | 14197 | Hound - Latvian | | 1 | 0 |
| 1 | 1 | Canine breed | 14198 | Hound - Lithuanian | | 1 | 0 |
| 1 | 1 | Canine breed | 14199 | Hound - Majestic Tree | | 1 | 0 |
| 1 | 1 | Canine breed | 14200 | Hound - Norwegian Dunker (Dunkerhound) | | 1 | 0 |
| 1 | 1 | Canine breed | 18768 | Hound - Pharaoh (Kelb Tal-Fenek) | | 1 | 0 |
| 1 | 1 | Canine breed | 14202 | Hound - Plott | | 1 | 0 |
| 1 | 1 | Canine breed | 14203 | Hound - Poitevin | | 1 | 0 |
| 1 | 1 | Canine breed | 14204 | Hound - Polish | | 1 | 0 |
| 1 | 1 | Canine breed | 14205 | Hound - Porcelaine (Chien de Franche-Comté) | | 1 | 0 |
| 1 | 1 | Canine breed | 14206 | Hound - Portuguese Warren (Podengo) | | 1 | 0 |
| 1 | 1 | Canine breed | 14207 | Hound - Posavina | | 1 | 0 |
| 1 | 1 | Canine breed | 14208 | Hound - Russian | | 1 | 0 |
| 1 | 1 | Canine breed | 14209 | Hound - Russian Harlequin | | 1 | 0 |
| 1 | 1 | Canine breed | 14210 | Hound - Schiller (Schillerstovare) | | 1 | 0 |
| 1 | 1 | Canine breed | 22524 | Hound - Serbian (Balkan)(unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22525 | Hound - Serbian (Balkan), Standard (Srpski Gonic , Serbischer Laufhund, Serbische Bracke) | | 1 | 0 |
| 1 | 1 | Canine breed | 22526 | Hound - Serbian (Balkan), Tricolour (Srpski Trobojni Gonic) | | 1 | 0 |
| 1 | 1 | Canine breed | 14233 | Hound - Sicilian | | 1 | 0 |
| 1 | 1 | Canine breed | 14234 | Hound - Slovakian (Kopov) | | 1 | 0 |
| 1 | 1 | Canine breed | 14235 | Hound - Smaland (Smalandsstovare) | | 1 | 0 |
| 1 | 1 | Canine breed | 14236 | Hound - South Russian Steppe | | 1 | 0 |
| 1 | 1 | Canine breed | 22527 | Hound - Spanish (Sabuesos Espanoles)(unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14237 | Hound - Spanish, Large (Sabuesos Espanoles) | | 1 | 0 |
| 1 | 1 | Canine breed | 14238 | Hound - Spanish, Small (Sabuesos Espanoles) | | 1 | 0 |
| 1 | 1 | Canine breed | 14239 | Hound - Swiss (Schweizer Laufhunde) | | 1 | 0 |
| 1 | 1 | Canine breed | 14240 | Hound - Trail | | 1 | 0 |
| 1 | 1 | Canine breed | 14241 | Hound - Transylvanian | | 1 | 0 |
| 1 | 1 | Canine breed | 14242 | Hound - Trigg | | 1 | 0 |
| 1 | 1 | Canine breed | 14243 | Hound - Tyrolean (Tyroler Bracke) (Tinolean) | | 1 | 0 |
| 1 | 1 | Canine breed | 14244 | Hound - Yugoslavian | | 1 | 0 |
| 1 | 1 | Canine breed | 14120 | Hound (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22528 | Hungarian (Magyar) Vizsla (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22417 | Hungarian (Magyar) Vizsla, Smooth-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 22418 | Hungarian (Magyar) Vizsla, Wire-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 14245 | Hungarian Kuvasz | | 1 | 0 |
| 1 | 1 | Canine breed | 22420 | Hungarian Mudi (Mudi, Canis Ovilis Fenyesi) | | 1 | 0 |
| 1 | 1 | Canine breed | 14247 | Hungarian Pumi | | 1 | 0 |
| 1 | 1 | Canine breed | 22529 | Huskamute | | 1 | 0 |
| 1 | 1 | Canine breed | 14271 | Husky - Alaskan, Miniature | | 1 | 0 |
| 1 | 1 | Canine breed | 14272 | Husky - Alaskan, Standard | | 1 | 0 |
| 1 | 1 | Canine breed | 22531 | Husky - Labrador (Huskador, Huskydor) | | 1 | 0 |
| 1 | 1 | Canine breed | 14274 | Husky - Sakhalin | | 1 | 0 |
| 1 | 1 | Canine breed | 14275 | Husky - Siberian | | 1 | 0 |
| 1 | 1 | Canine breed | 22530 | Husky - Tamaskan (Tam) | | 1 | 0 |
| 1 | 1 | Canine breed | 14250 | Husky (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14276 | Hygenhund | | 1 | 0 |
| 1 | 1 | Canine breed | 14277 | Ilio | | 1 | 0 |
| 1 | 1 | Canine breed | 14279 | Inuit Dog - American, Miniature [Eskimo] | | 1 | 0 |
| 1 | 1 | Canine breed | 14280 | Inuit Dog - American, Standard [Eskimo] | | 1 | 0 |
| 1 | 1 | Canine breed | 14281 | Inuit Dog - American, Toy [Eskimo] | | 1 | 0 |
| 1 | 1 | Canine breed | 14282 | Inuit Dog - Canadian [Eskimo] | | 1 | 0 |
| 1 | 1 | Canine breed | 14283 | Inuit Dog - Northern [Eskimo] | | 1 | 0 |
| 1 | 1 | Canine breed | 14278 | Inuit Dog (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14284 | Italian Spinone (Spinoni) | | 1 | 0 |
| 1 | 1 | Canine breed | 22532 | Jackabee (Jack-A-Bee, Jackabea) | | 1 | 0 |
| 1 | 1 | Canine breed | 22535 | Jackador | | 1 | 0 |
| 1 | 1 | Canine breed | 14285 | Jackal | | 1 | 0 |
| 1 | 1 | Canine breed | 22534 | Jack-A-Poo (Jackapoo, Jackadoodle) | | 1 | 0 |
| 1 | 1 | Canine breed | 22533 | Jack-Chi (Jackachi, Jackachau, Jackhuahua) | | 1 | 0 |
| 1 | 1 | Canine breed | 22536 | Jackshit (Jackashit) | | 1 | 0 |
| 1 | 1 | Canine breed | 22537 | Jackshund (Jackweenie) | | 1 | 0 |
| 1 | 1 | Canine breed | 14286 | Japanese Chin | | 1 | 0 |
| 1 | 1 | Canine breed | 14287 | Japanese Shiba Inu | | 1 | 0 |
| 1 | 1 | Canine breed | 14288 | Japanese Tosa (Tosa Ken) | | 1 | 0 |
| 1 | 1 | Canine breed | 18057 | Japanese Tosa Inu | | 1 | 0 |
| 1 | 1 | Canine breed | 22539 | Jug (JackPug, PugRussell) | | 1 | 0 |
| 1 | 1 | Canine breed | 14289 | Kai Dog (Kai Ken) (Tora Inu) (Tiger Dog) | | 1 | 0 |
| 1 | 1 | Canine breed | 22639 | Kangal Dog (Turkish Kangal, Karabash) | | 1 | 0 |
| 1 | 1 | Canine breed | 14290 | Kanni | | 1 | 0 |
| 1 | 1 | Canine breed | 14311 | Karelian Bear Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 14312 | Keeshond (Wolfspitz) | | 1 | 0 |
| 1 | 1 | Canine breed | 14313 | Kemmer Stock Hybrid Squirrel Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 14314 | Khala, Hairless | | 1 | 0 |
| 1 | 1 | Canine breed | 14315 | Kirhiz | | 1 | 0 |
| 1 | 1 | Canine breed | 14316 | Kishu Ken (Kishu Inu) | | 1 | 0 |
| 1 | 1 | Canine breed | 22648 | Komondor (Sheepdog - Hungarian, Sheepdog - Komondor) | | 1 | 0 |
| 1 | 1 | Canine breed | 14318 | Kooiker Dog (Kooikerhondje) (Small Dutch Waterfowl Dog) | | 1 | 0 |
| 1 | 1 | Canine breed | 14320 | Koolie - Australian | | 1 | 0 |
| 1 | 1 | Canine breed | 14321 | Koolie - German | | 1 | 0 |
| 1 | 1 | Canine breed | 14319 | Koolie (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14322 | Korean Jindo | | 1 | 0 |
| 1 | 1 | Canine breed | 14323 | Kromfohländer | | 1 | 0 |
| 1 | 1 | Canine breed | 14324 | Kugsha Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 14325 | Kui Milk | | 1 | 0 |
| 1 | 1 | Canine breed | 14326 | Kyi-Apso | | 1 | 0 |
| 1 | 1 | Canine breed | 14327 | Kyi-Leo | | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|--------------|------------------------|---|---------------------|--------------|--------|
| 1 | 1 | Canine breed | 22599 | Lab-Pei (Sharpador) | | 1 | 0 |
| 1 | 1 | Canine breed | 22542 | Labradoodle - Australian | | 1 | 0 |
| 1 | 1 | Canine breed | 18065 | Labradoodle - Miniature | | 1 | 0 |
| 1 | 1 | Canine breed | 18066 | Labradoodle - Standard | | 1 | 0 |
| 1 | 1 | Canine breed | 18063 | Labradoodle (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22640 | Labralas (Vizslador) | | 1 | 0 |
| 1 | 1 | Canine breed | 22543 | Labraspoodle | | 1 | 0 |
| 1 | 1 | Canine breed | 22544 | Labstaff | | 1 | 0 |
| 1 | 1 | Canine breed | 22545 | La-Chon (Lhasa-Chon) | | 1 | 0 |
| 1 | 1 | Canine breed | 14330 | Laika - East Siberian | | 1 | 0 |
| 1 | 1 | Canine breed | 14351 | Laika - Karelian Bear | | 1 | 0 |
| 1 | 1 | Canine breed | 14352 | Laika - Karelo-Finnish | | 1 | 0 |
| 1 | 1 | Canine breed | 14353 | Laika - Nenets Herding | | 1 | 0 |
| 1 | 1 | Canine breed | 14354 | Laika - Northeasterly Hauling (Sleigh Dog) | | 1 | 0 |
| 1 | 1 | Canine breed | 14355 | Laika - Russo-European | | 1 | 0 |
| 1 | 1 | Canine breed | 14356 | Laika - West Siberian | | 1 | 0 |
| 1 | 1 | Canine breed | 14329 | Laika (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22653 | Lakedoodle | | 1 | 0 |
| 1 | 1 | Canine breed | 14357 | Lapland Reindeer dog (Lapinporokoir) | | 1 | 0 |
| 1 | 1 | Canine breed | 22649 | Lapphund - Finnish (Lapinkoira, Suomenlapinkoira) | | 1 | 0 |
| 1 | 1 | Canine breed | 14360 | Lapphund - Swedish (Svensk lapphund) | | 1 | 0 |
| 1 | 1 | Canine breed | 14358 | Lapphund (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22415 | Laponian Herder (Lapinporokoir, Finnish Reindeer Herder) | | 1 | 0 |
| 1 | 1 | Canine breed | 14361 | Leonberger | | 1 | 0 |
| 1 | 1 | Canine breed | 14362 | Levesque | | 1 | 0 |
| 1 | 1 | Canine breed | 22546 | Lha-Cocker | | 1 | 0 |
| 1 | 1 | Canine breed | 14363 | Lhasa Apso | | 1 | 0 |
| 1 | 1 | Canine breed | 22547 | Lhasalier (Lhasalier Spaniel) | | 1 | 0 |
| 1 | 1 | Canine breed | 22548 | Lhasa-Poo (Lhasapoo, Lapoo, Lhasadoodle) | | 1 | 0 |
| 1 | 1 | Canine breed | 14364 | Loughlander | | 1 | 0 |
| 1 | 1 | Canine breed | 14365 | Lowchen (Little Lion Dog) | | 1 | 0 |
| 1 | 1 | Canine breed | 14366 | Lurcher | | 1 | 0 |
| 1 | 1 | Canine breed | 22549 | Majorero Canario (Perro Majorero, Bardino Majorero) | | 1 | 0 |
| 1 | 1 | Canine breed | 22551 | Mal-Shi (Malshi, Malti Tzu, Malti Zu, Shihtese) | | 1 | 0 |
| 1 | 1 | Canine breed | 17461 | Maltese | | 1 | 0 |
| 1 | 1 | Canine breed | 22554 | Maltese - Teacup (Miniature) | | 1 | 0 |
| 1 | 1 | Canine breed | 22552 | Maltese Jack Russell mix (Malt Russell) | | 1 | 0 |
| 1 | 1 | Canine breed | 22555 | Maltipom (Malti-Pom, Pomanees) | | 1 | 0 |
| 1 | 1 | Canine breed | 22550 | Malti-Poo (Maltipoo, Maltepo, Moodle, Maloodle) | | 1 | 0 |
| 1 | 1 | Canine breed | 22556 | Maneto (Andalusian Hound Maneto, Andalusian Podenco Maneto) | | 1 | 0 |
| 1 | 1 | Canine breed | 14369 | Mastiff - Alangu (Mastiff - Indian) | | 1 | 0 |
| 1 | 1 | Canine breed | 14370 | Mastiff - Alentejo (Portuguese Watchdog) (Rafeiro do Alentejo) | | 1 | 0 |
| 1 | 1 | Canine breed | 14391 | Mastiff - Alpine | | 1 | 0 |
| 1 | 1 | Canine breed | 14392 | Mastiff - American | | 1 | 0 |
| 1 | 1 | Canine breed | 14393 | Mastiff - American Bandogge | | 1 | 0 |
| 1 | 1 | Canine breed | 14394 | Mastiff - Argentinian (Argentine Dogo) | | 1 | 0 |
| 1 | 1 | Canine breed | 14395 | Mastiff - Bekarwal (Sheepdog - Kashmir) | | 1 | 0 |
| 1 | 1 | Canine breed | 14396 | Mastiff - Belgian (Matin Beige) (Chien de Tratt) | | 1 | 0 |
| 1 | 1 | Canine breed | 14397 | Mastiff - Belgian Draft | | 1 | 0 |
| 1 | 1 | Canine breed | 14398 | Mastiff - Brazilian (Fila Brasileiro) (Cão de Fila) | | 1 | 0 |
| 1 | 1 | Canine breed | 19039 | Mastiff - Bull, Spanish (Mastin Espanol) | | 1 | 0 |
| 1 | 1 | Canine breed | 14400 | Mastiff - Danish (Danish Broholmer) | | 1 | 0 |
| 1 | 1 | Canine breed | 14401 | Mastiff - English | | 1 | 0 |
| 1 | 1 | Canine breed | 14403 | Mastiff - Italian (Cane Corso Italiano) (Macellaio) (Sicilian Branchiero) | | 1 | 0 |
| 1 | 1 | Canine breed | 14404 | Mastiff - Kumaon (Cyro Kukur) | | 1 | 0 |
| 1 | 1 | Canine breed | 14405 | Mastiff - Mallorquin (Ca de Bou) (Perro De Presa Mallorquin) (Perro Dogo Mallorquin) (Mallorquin Bulldog) | | 1 | 0 |
| 1 | 1 | Canine breed | 22651 | Mastiff - Neapolitan (Napolitano) | | 1 | 0 |
| 1 | 1 | Canine breed | 14406 | Mastiff - Neapolitan | | 1 | 0 |
| 1 | 1 | Canine breed | 14408 | Mastiff - Old English | | 1 | 0 |
| 1 | 1 | Canine breed | 14409 | Mastiff - Puerto Rican (Gran Mastin De Borinquen) (Perro Barsino de Hacienda) | | 1 | 0 |
| 1 | 1 | Canine breed | 14410 | Mastiff - Pyrenean | | 1 | 0 |
| 1 | 1 | Canine breed | 14431 | Mastiff - Spanish | | 1 | 0 |
| 1 | 1 | Canine breed | 14432 | Mastiff - Tibetan | | 1 | 0 |
| 1 | 1 | Canine breed | 14368 | Mastiff (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22558 | Mastweiler - Bull | | 1 | 0 |
| 1 | 1 | Canine breed | 22557 | Mastweiler - English | | 1 | 0 |
| 1 | 1 | Canine breed | 22559 | Mastweiler (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14433 | Meliteo Kinidio (Small Greek Domestic Dog) | | 1 | 0 |
| 1 | 1 | Canine breed | 14434 | Mexican Hairless (Tepezeuintli) (Xoloitzcuintle) (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14435 | Mexican Hairless (Tepezeuintli) (Xoloitzcuintle), Intermediate | | 1 | 0 |
| 1 | 1 | Canine breed | 14436 | Mexican Hairless (Tepezeuintli) (Xoloitzcuintle), Miniature | | 1 | 0 |
| 1 | 1 | Canine breed | 14437 | Mexican Hairless (Tepezeuintli) (Xoloitzcuintle), Standard | | 1 | 0 |
| 1 | 1 | Canine breed | 14438 | Mi-Ki | | 1 | 0 |
| 1 | 1 | Canine breed | 22560 | Morkie (Yorktese) | | 1 | 0 |
| 1 | 1 | Canine breed | 14440 | Moscow Vodolaz | | 1 | 0 |
| 1 | 1 | Canine breed | 14441 | Moscow Watchdog | | 1 | 0 |
| 1 | 1 | Canine breed | 14443 | Mountain Dog - Bernese | | 1 | 0 |
| 1 | 1 | Canine breed | 22561 | Mountain Dog - Caucasian (Mountain Dog - Russian) | | 1 | 0 |
| 1 | 1 | Canine breed | 14445 | Mountain Dog - Estrela (Portuguese Guard Dog) (Serra Da Estrela) | | 1 | 0 |
| 1 | 1 | Canine breed | 14446 | Mountain Dog - Formosan (Taiwan Dog) | | 1 | 0 |
| 1 | 1 | Canine breed | 14447 | Mountain Dog - Greater Swiss | | 1 | 0 |
| 1 | 1 | Canine breed | 14448 | Mountain Dog - Pyrenean (Great Pyrenees) | | 1 | 0 |
| 1 | 1 | Canine breed | 14449 | Mountain Dog - Serbian (Srpski Planinski Gonic) | | 1 | 0 |
| 1 | 1 | Canine breed | 14450 | Mountain Dog - Styrian, Rough-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 14471 | Mountain Dog - Styrian, Wire-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 14472 | Mountain Dog - Swiss (Bouvier Suisse) | | 1 | 0 |
| 1 | 1 | Canine breed | 14442 | Mountain Dog (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14473 | Mucuchies (Perro de los Paramos) | | 1 | 0 |
| 1 | 1 | Canine breed | 14474 | New Guinea Singing Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 22505 | New Zealand Heading Dog (New Zealand Collie, New Zealand Eye Dog) | | 1 | 0 |
| 1 | 1 | Canine breed | 14476 | Newfoundland | | 1 | 0 |
| 1 | 1 | Canine breed | 14477 | Newfoundland - Landseer | | 1 | 0 |
| 1 | 1 | Canine breed | 14478 | Norwegian Lundehund (Norsk Lundehund) | | 1 | 0 |
| 1 | 1 | Canine breed | 14479 | Norwegian Puffin Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 14480 | Old Danish Bird Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 14481 | Ori Pei | | 1 | 0 |
| 1 | 1 | Canine breed | 14482 | Otterhound | | 1 | 0 |
| 1 | 1 | Canine breed | 14484 | Ovtcharka - Caucasian | | 1 | 0 |
| 1 | 1 | Canine breed | 14485 | Ovtcharka - Central Asian | | 1 | 0 |
| 1 | 1 | Canine breed | 14486 | Ovtcharka - Middle Asian | | 1 | 0 |
| 1 | 1 | Canine breed | 14487 | Ovtcharka - South Russian | | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|--------------|------------------------|--|---------------------|--------------|--------|
| 1 | 1 | Canine breed | 14483 | Ovtcharka (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14488 | Papillon | | 1 | 0 |
| 1 | 1 | Canine breed | 14489 | Pariah Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 22562 | Patterjack | | 1 | 0 |
| 1 | 1 | Canine breed | 22563 | Patterpoo (Patterdoodle) | | 1 | 0 |
| 1 | 1 | Canine breed | 14490 | Pekepoo | | 1 | 0 |
| 1 | 1 | Canine breed | 14511 | Pekingese | | 1 | 0 |
| 1 | 1 | Canine breed | 14512 | Perro Cimarron (Cimarron Uruguayo) (Perro Criollo) (Perro Gaucho) | | 1 | 0 |
| 1 | 1 | Canine breed | 14513 | Perro De Pastor Mallorquin (Ca de Bestiar) | | 1 | 0 |
| 1 | 1 | Canine breed | 14514 | Peruvian Hairless Dog (Inca Hairless) | | 1 | 0 |
| 1 | 1 | Canine breed | 14515 | Peruvian Inca Orchid (Moonflower Dog) (Perro Flora) (Perro sin pelo del Peru) (Al'co Calato) | | 1 | 0 |
| 1 | 1 | Canine breed | 14516 | Phalène (Butterfly Dog) (Epagneul Nain Continental) | | 1 | 0 |
| 1 | 1 | Canine breed | 14517 | Pila | | 1 | 0 |
| 1 | 1 | Canine breed | 22565 | Pinscher - Austrian (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14519 | Pinscher - Austrian, Short-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 14520 | Pinscher - Austrian, Standard | | 1 | 0 |
| 1 | 1 | Canine breed | 14521 | Pinscher - Carlin | | 1 | 0 |
| 1 | 1 | Canine breed | 14523 | Pinscher - Doberman, Standard | | 1 | 0 |
| 1 | 1 | Canine breed | 14524 | Pinscher - German | | 1 | 0 |
| 1 | 1 | Canine breed | 14525 | Pinscher - Harlequin | | 1 | 0 |
| 1 | 1 | Canine breed | 22419 | Pinscher - Miniature (Zwergpinscher, Min Pin) | | 1 | 0 |
| 1 | 1 | Canine breed | 14526 | Pinscher - Swiss, Short-Haired (Glattharidge) | | 1 | 0 |
| 1 | 1 | Canine breed | 14518 | Pinscher (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22566 | Podenco (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14528 | Pointer - Belgian, Short-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 14529 | Pointer - Bourbonnais (Braque du Bourbonnais) | | 1 | 0 |
| 1 | 1 | Canine breed | 14530 | Pointer - English | | 1 | 0 |
| 1 | 1 | Canine breed | 14551 | Pointer - French | | 1 | 0 |
| 1 | 1 | Canine breed | 14552 | Pointer - Friesian | | 1 | 0 |
| 1 | 1 | Canine breed | 14553 | Pointer - German (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14554 | Pointer - German, Broken-Coated (Stichelhaar) (Deutscher Stichelhaariger Vorstehhund) | | 1 | 0 |
| 1 | 1 | Canine breed | 14555 | Pointer - German, Long-Haired (Deutsch Langhaar) | | 1 | 0 |
| 1 | 1 | Canine breed | 14556 | Pointer - German, Rough-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 14557 | Pointer - German, Short-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 14558 | Pointer - German, Wire-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 14559 | Pointer - Hertha | | 1 | 0 |
| 1 | 1 | Canine breed | 14560 | Pointer - Hungarian, Short-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 14561 | Pointer - Italian (Bracco Italiano) | | 1 | 0 |
| 1 | 1 | Canine breed | 14562 | Pointer - Japanese | | 1 | 0 |
| 1 | 1 | Canine breed | 22570 | Pointer - Munsterlander (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14563 | Pointer - Munsterlander, Large | | 1 | 0 |
| 1 | 1 | Canine breed | 14564 | Pointer - Munsterlander, Small | | 1 | 0 |
| 1 | 1 | Canine breed | 14565 | Pointer - Old Danish | | 1 | 0 |
| 1 | 1 | Canine breed | 14566 | Pointer - Old Spanish (Perdiguero Navarro) | | 1 | 0 |
| 1 | 1 | Canine breed | 14567 | Pointer - Portuguese (Perdigueiro) | | 1 | 0 |
| 1 | 1 | Canine breed | 14568 | Pointer - Slovakian, Rough-Haired (Slovensky Hrubosrsty Stavac) (Cesky Fousek) | | 1 | 0 |
| 1 | 1 | Canine breed | 14569 | Pointer (Perdiguero De Burgos) (Perdiguero Burgales) | | 1 | 0 |
| 1 | 1 | Canine breed | 14570 | Pointer - St Germain (Compiègne Pointer) | | 1 | 0 |
| 1 | 1 | Canine breed | 14527 | Pointer (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22571 | Pointer-Rottweiler mix (Pointweiler) | | 1 | 0 |
| 1 | 1 | Canine breed | 22572 | Pomapoo (Pom-A-Poo, Pooranian, Poopom) | | 1 | 0 |
| 1 | 1 | Canine breed | 22573 | Pomapug (Pom-A-Pug, Pomapug, Puggom, Pugeranian) | | 1 | 0 |
| 1 | 1 | Canine breed | 22574 | Pomchi (Chi-Pom, Chiranian, Pomahuahua) | | 1 | 0 |
| 1 | 1 | Canine breed | 22576 | Pomeagle (Beagle-Pom) | | 1 | 0 |
| 1 | 1 | Canine breed | 14591 | Pomeranian | | 1 | 0 |
| 1 | 1 | Canine breed | 19041 | Pomeranian - Teacup | | 1 | 0 |
| 1 | 1 | Canine breed | 22575 | Pomeranian-Chow Chow mix (Pomchow, Chowpom) | | 1 | 0 |
| 1 | 1 | Canine breed | 22577 | Pomsky (Husky Pom, Pom Husky) | | 1 | 0 |
| 1 | 1 | Canine breed | 22451 | Poochon (Bich-Poo, Bichonpoo) | | 1 | 0 |
| 1 | 1 | Canine breed | 19043 | Poodle - Cyprus | | 1 | 0 |
| 1 | 1 | Canine breed | 14592 | Poodle - Old Format Toy | | 1 | 0 |
| 1 | 1 | Canine breed | 19045 | Poodle (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14593 | Poodle, Miniature | | 1 | 0 |
| 1 | 1 | Canine breed | 14594 | Poodle, Standard | | 1 | 0 |
| 1 | 1 | Canine breed | 22578 | Poodle, Teacup | | 1 | 0 |
| 1 | 1 | Canine breed | 14595 | Poodle, Toy | | 1 | 0 |
| 1 | 1 | Canine breed | 22579 | Poogle (Beaglepoo, Beapoo, Beagapoo) | | 1 | 0 |
| 1 | 1 | Canine breed | 14596 | Portuguese Podengo, Small (Portuguese Podengo Pequeno) | | 1 | 0 |
| 1 | 1 | Canine breed | 14597 | Portuguese Rabbit Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 14598 | Pudelpointer | | 1 | 0 |
| 1 | 1 | Canine breed | 14599 | Pug | | 1 | 0 |
| 1 | 1 | Canine breed | 22583 | Pugaliere (Cavapug) | | 1 | 0 |
| 1 | 1 | Canine breed | 22584 | Puganese | | 1 | 0 |
| 1 | 1 | Canine breed | 22586 | Pugapoo (Pugoodle, Pugdoodle, Pugpoo) | | 1 | 0 |
| 1 | 1 | Canine breed | 22463 | Puggle (Buggle) | | 1 | 0 |
| 1 | 1 | Canine breed | 22585 | Puginese (Pugapeke, Pekeapug) | | 1 | 0 |
| 1 | 1 | Canine breed | 22582 | Pug-Labrador retriever mix (Pug Lab mix, Pugador) | | 1 | 0 |
| 1 | 1 | Canine breed | 22587 | Pugland (Pugland Terrier) | | 1 | 0 |
| 1 | 1 | Canine breed | 22588 | Pug-Zu (Pug Tzu, Pugzu) | | 1 | 0 |
| 1 | 1 | Canine breed | 22404 | Purebred cross (Canine) | | 1 | 0 |
| 1 | 1 | Canine breed | 22589 | Pyredoodle (Pyrepoo, Pyreneesdoodle, Pyreneespoo) | | 1 | 0 |
| 1 | 1 | Canine breed | 14600 | Raibs Suns | | 1 | 0 |
| 1 | 1 | Canine breed | 14602 | Ratter - Dutch (Hollandse Smoushond) | | 1 | 0 |
| 1 | 1 | Canine breed | 22590 | Ratter - Majorca (Ratonero Mallorquin, Rater Mallorqui) | | 1 | 0 |
| 1 | 1 | Canine breed | 14603 | Ratter - Prague (Prazsky Krysavik) | | 1 | 0 |
| 1 | 1 | Canine breed | 14601 | Ratter (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14605 | Retriever - Chesapeake Bay | | 1 | 0 |
| 1 | 1 | Canine breed | 14606 | Retriever - Curly Coated | | 1 | 0 |
| 1 | 1 | Canine breed | 14607 | Retriever - Curly Coated Murray River | | 1 | 0 |
| 1 | 1 | Canine breed | 14608 | Retriever - Flat Coated | | 1 | 0 |
| 1 | 1 | Canine breed | 14609 | Retriever - Golden (Golden Retriever) | | 1 | 0 |
| 1 | 1 | Canine breed | 14610 | Retriever - Japanese | | 1 | 0 |
| 1 | 1 | Canine breed | 14631 | Retriever - Labrador (Labrador Retriever) | | 1 | 0 |
| 1 | 1 | Canine breed | 14632 | Retriever - Nova Scotia Duck Tolling (Little River Duck Dog) (Yarmouth Toller) | | 1 | 0 |
| 1 | 1 | Canine breed | 14604 | Retriever (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14634 | Ridgeback - Rhodesian | | 1 | 0 |
| 1 | 1 | Canine breed | 14635 | Ridgeback - Thai (Mah Thai) | | 1 | 0 |
| 1 | 1 | Canine breed | 14633 | Ridgeback (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14637 | Rottweiler - Roman (Roman Utility Molosser) | | 1 | 0 |
| 1 | 1 | Canine breed | 14638 | Rottweiler - Standard | | 1 | 0 |
| 1 | 1 | Canine breed | 14636 | Rottweiler (unspecified) | | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|--------------|------------------------|---|---------------------|--------------|--------|
| 1 | 1 | Canine breed | 14639 | Russian Bolonka (Tsvetnaya Bolonka) (Bolonka-Zwetna) | | 1 | 0 |
| 1 | 1 | Canine breed | 14641 | Sage - Ashayeri | | 1 | 0 |
| 1 | 1 | Canine breed | 14642 | Sage - Koochee | | 1 | 0 |
| 1 | 1 | Canine breed | 14643 | Sage - Mazandarani | | 1 | 0 |
| 1 | 1 | Canine breed | 14640 | Sage (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 19047 | Saint Bernard (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14644 | Saint Bernard, Long-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 14645 | Saint Bernard, Short-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 14646 | Saluki (Greyhound - Persian) (Sighthound - Persian) (Tanji) (Hound - Gazelle) (Hound - Arabian) | | 1 | 0 |
| 1 | 1 | Canine breed | 14647 | Samoyed | | 1 | 0 |
| 1 | 1 | Canine breed | 14648 | Sanshu Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 14649 | Sapsari (Sapsaldog) | | 1 | 0 |
| 1 | 1 | Canine breed | 14650 | Schipperke | | 1 | 0 |
| 1 | 1 | Canine breed | 19049 | Schnauzer (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14671 | Schnauzer, Giant | | 1 | 0 |
| 1 | 1 | Canine breed | 14672 | Schnauzer, Miniature (Miniature Schnauzer) | | 1 | 0 |
| 1 | 1 | Canine breed | 14673 | Schnauzer, Standard | | 1 | 0 |
| 1 | 1 | Canine breed | 22593 | Schnoodle (Schoodle) - Giant | | 1 | 0 |
| 1 | 1 | Canine breed | 22594 | Schnoodle (Schoodle) - Miniature | | 1 | 0 |
| 1 | 1 | Canine breed | 22592 | Schnoodle (Schoodle)(unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22596 | Scoodle (Scottish Poo, Scottish Shoodle) | | 1 | 0 |
| 1 | 1 | Canine breed | 14675 | Scottish Deerhound | | 1 | 0 |
| 1 | 1 | Canine breed | 14677 | Setter - English | | 1 | 0 |
| 1 | 1 | Canine breed | 14678 | Setter - Gordon | | 1 | 0 |
| 1 | 1 | Canine breed | 22597 | Setter - Irish (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14679 | Setter - Irish, Red | | 1 | 0 |
| 1 | 1 | Canine breed | 14680 | Setter - Irish, Red and White | | 1 | 0 |
| 1 | 1 | Canine breed | 14681 | Setter - Italian | | 1 | 0 |
| 1 | 1 | Canine breed | 14682 | Setter - Llewellyn | | 1 | 0 |
| 1 | 1 | Canine breed | 14676 | Setter (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22600 | Sharpo (Shar-Poo, Shardedoodle, Sharpooodle) | | 1 | 0 |
| 1 | 1 | Canine breed | 14684 | Sheepdog - Atlas (Chien de L' Atlas) (Aidi) | | 1 | 0 |
| 1 | 1 | Canine breed | 14685 | Sheepdog - Australian | | 1 | 0 |
| 1 | 1 | Canine breed | 14686 | Sheepdog - Belgian | | 1 | 0 |
| 1 | 1 | Canine breed | 14687 | Sheepdog - Bulgarian (Sheepdog - Karakachan) | | 1 | 0 |
| 1 | 1 | Canine breed | 14688 | Sheepdog - Carpathian (Sheepdog - Romanian) | | 1 | 0 |
| 1 | 1 | Canine breed | 22603 | Sheepdog - Catalan (Gos d'Atura Català, Shepherd - Catalanian) | | 1 | 0 |
| 1 | 1 | Canine breed | 14690 | Sheepdog - Caucasian | | 1 | 0 |
| 1 | 1 | Canine breed | 14711 | Sheepdog - Central Asian | | 1 | 0 |
| 1 | 1 | Canine breed | 14712 | Sheepdog - Croatian (Hrvatski Ovcar) | | 1 | 0 |
| 1 | 1 | Canine breed | 14713 | Sheepdog - Dutch (Schapendoes) | | 1 | 0 |
| 1 | 1 | Canine breed | 14714 | Sheepdog - Egyptian (Arman) (Hawara) | | 1 | 0 |
| 1 | 1 | Canine breed | 22601 | Sheepdog - French (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22608 | Sheepdog - Greek (Hellenikos Poimenikos, Shepherd Dog - Greek) | | 1 | 0 |
| 1 | 1 | Canine breed | 14716 | Sheepdog - Himalayan (Sheepdog - Bisben) | | 1 | 0 |
| 1 | 1 | Canine breed | 14718 | Sheepdog - Icelandic (Friaar Dog) (Islandsk Farehond) | | 1 | 0 |
| 1 | 1 | Canine breed | 14719 | Sheepdog - Istrian (Krasky Ovcar) | | 1 | 0 |
| 1 | 1 | Canine breed | 22602 | Sheepdog - Maremma (Maremmo-Abruzzese, Sheepdog - Italian) | | 1 | 0 |
| 1 | 1 | Canine breed | 14721 | Sheepdog - New Zealand (Sheepdog - Huntaway) | | 1 | 0 |
| 1 | 1 | Canine breed | 14722 | Sheepdog - Norwegian (Sheepdog - Buhund) | | 1 | 0 |
| 1 | 1 | Canine breed | 14723 | Sheepdog - Old English | | 1 | 0 |
| 1 | 1 | Canine breed | 19051 | Sheepdog - Polish (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14724 | Sheepdog - Polish Lowland (Polski Owczarek Nizinny) (Valee) | | 1 | 0 |
| 1 | 1 | Canine breed | 14725 | Sheepdog - Polish Tatra (Owczarek Podhalanski) (Mountain Dog - Polish) | | 1 | 0 |
| 1 | 1 | Canine breed | 14726 | Sheepdog - Portuguese (Serra De Aires) (Cão da Serra de Aires) | | 1 | 0 |
| 1 | 1 | Canine breed | 14727 | Sheepdog - Romanian Bukovina | | 1 | 0 |
| 1 | 1 | Canine breed | 14728 | Sheepdog - Romanian Mioritic | | 1 | 0 |
| 1 | 1 | Canine breed | 14729 | Sheepdog - Shetland (Sheltie) | | 1 | 0 |
| 1 | 1 | Canine breed | 14730 | Sheepdog - South Russian | | 1 | 0 |
| 1 | 1 | Canine breed | 14751 | Sheepdog - Welsh | | 1 | 0 |
| 1 | 1 | Canine breed | 14683 | Sheepdog (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22604 | Shepherd Dog - Alaskan | | 1 | 0 |
| 1 | 1 | Canine breed | 14753 | Shepherd Dog - American Tundra | | 1 | 0 |
| 1 | 1 | Canine breed | 14754 | Shepherd Dog - American White | | 1 | 0 |
| 1 | 1 | Canine breed | 22605 | Shepherd Dog - American, Miniature (North American Shepherd) | | 1 | 0 |
| 1 | 1 | Canine breed | 14755 | Shepherd Dog - Anatolian Karabash (Sheepdog - Kangal) | | 1 | 0 |
| 1 | 1 | Canine breed | 14756 | Shepherd Dog - Atlas (Perro de Paster del Atlas) (Marokkanischer Schäferhund) | | 1 | 0 |
| 1 | 1 | Canine breed | 22606 | Shepherd Dog - Australian (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14757 | Shepherd Dog - Australian, Miniature | | 1 | 0 |
| 1 | 1 | Canine breed | 14758 | Shepherd Dog - Australian, Standard | | 1 | 0 |
| 1 | 1 | Canine breed | 22428 | Shepherd Dog - Australian, Toy | | 1 | 0 |
| 1 | 1 | Canine breed | 14759 | Shepherd Dog - Beauce (Bas Rouge) (Beauceron) (Berger de Beauce) | | 1 | 0 |
| 1 | 1 | Canine breed | 14760 | Shepherd Dog - Bedouin | | 1 | 0 |
| 1 | 1 | Canine breed | 14761 | Shepherd Dog - Belgian (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14762 | Shepherd Dog - Belgian, Groenendael | | 1 | 0 |
| 1 | 1 | Canine breed | 14763 | Shepherd Dog - Belgian, Laekenois | | 1 | 0 |
| 1 | 1 | Canine breed | 14764 | Shepherd Dog - Belgian, Malinois | | 1 | 0 |
| 1 | 1 | Canine breed | 14765 | Shepherd Dog - Belgian, Tervuren | | 1 | 0 |
| 1 | 1 | Canine breed | 14766 | Shepherd Dog - Bergamasco (Cane da Pastore Bergamasco) | | 1 | 0 |
| 1 | 1 | Canine breed | 22408 | Shepherd Dog - Berger de Savoie (Berger Savoyard) | | 1 | 0 |
| 1 | 1 | Canine breed | 14767 | Shepherd Dog - Bohemian (Chodsky Pes) | | 1 | 0 |
| 1 | 1 | Canine breed | 14768 | Shepherd Dog - Bulgarian | | 1 | 0 |
| 1 | 1 | Canine breed | 14769 | Shepherd Dog - Caucasian | | 1 | 0 |
| 1 | 1 | Canine breed | 14770 | Shepherd Dog - Central Asian | | 1 | 0 |
| 1 | 1 | Canine breed | 14791 | Shepherd Dog - Cevennes (Berger du Languedoc) | | 1 | 0 |
| 1 | 1 | Canine breed | 22607 | Shepherd Dog - Czechoslovakian | | 1 | 0 |
| 1 | 1 | Canine breed | 14792 | Shepherd Dog - Dakota | | 1 | 0 |
| 1 | 1 | Canine breed | 14793 | Shepherd Dog - Dutch | | 1 | 0 |
| 1 | 1 | Canine breed | 14794 | Shepherd Dog - East-European | | 1 | 0 |
| 1 | 1 | Canine breed | 14795 | Shepherd Dog - English | | 1 | 0 |
| 1 | 1 | Canine breed | 14796 | Shepherd Dog - German (Alsatian) (GSD) (unspecified) (German Shepherd Dog (Alsatian) (GSD) (unspecified)) | | 1 | 0 |
| 1 | 1 | Canine breed | 14797 | Shepherd Dog - German (Alsatian) (GSD), Non-White | | 1 | 0 |
| 1 | 1 | Canine breed | 14798 | Shepherd Dog - German (Alsatian) (GSD), White | | 1 | 0 |
| 1 | 1 | Canine breed | 14799 | Shepherd Dog - German, Old | | 1 | 0 |
| 1 | 1 | Canine breed | 14800 | Shepherd Dog - Holland (Hollandse Herdershond) | | 1 | 0 |
| 1 | 1 | Canine breed | 19053 | Shepherd Dog - Italian (Pastore Italiano) | | 1 | 0 |
| 1 | 1 | Canine breed | 14801 | Shepherd Dog - Karst | | 1 | 0 |
| 1 | 1 | Canine breed | 14802 | Shepherd Dog - King | | 1 | 0 |
| 1 | 1 | Canine breed | 14803 | Shepherd Dog - Majorca | | 1 | 0 |
| 1 | 1 | Canine breed | 14804 | Shepherd Dog - McNab | | 1 | 0 |
| 1 | 1 | Canine breed | 14805 | Shepherd Dog - North American | | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|--------------|------------------------|--|---------------------|--------------|--------|
| 1 | 1 | Canine breed | 14806 | Shepherd Dog - Old Time Farm | | 1 | 0 |
| 1 | 1 | Canine breed | 14807 | Shepherd Dog - Picardy (Berger de Picard) | | 1 | 0 |
| 1 | 1 | Canine breed | 14808 | Shepherd Dog - Pyrenean (Labrit) (Petit Berger) (Berger des Pyrenees) | | 1 | 0 |
| 1 | 1 | Canine breed | 14809 | Shepherd Dog - Shiloh | | 1 | 0 |
| 1 | 1 | Canine breed | 14810 | Shepherd Dog - Swiss White (Berger Blanc Swiss) | | 1 | 0 |
| 1 | 1 | Canine breed | 22591 | Shepherd Dog - Yugoslavian (Sarplaninac, Sharplaninec; Charplaninat, Illyrian, Mountain Dog) | | 1 | 0 |
| 1 | 1 | Canine breed | 14752 | Shepherd Dog (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22609 | ShiChi (Chi-Shi, Chi-Tzu) | | 1 | 0 |
| 1 | 1 | Canine breed | 14832 | Shichon | | 1 | 0 |
| 1 | 1 | Canine breed | 22610 | Shih-Poo (Shih-Doodle) | | 1 | 0 |
| 1 | 1 | Canine breed | 14833 | Shih-tzu | | 1 | 0 |
| 1 | 1 | Canine breed | 22611 | Shi-Jug (Jug-Shih Tzu cross) | | 1 | 0 |
| 1 | 1 | Canine breed | 14834 | Shikoku (Kochi-ken) (Mikawa Inu) (Shika Inu) | | 1 | 0 |
| 1 | 1 | Canine breed | 22564 | Shinese (Peketz, Pekatzu, Shih-tze) | | 1 | 0 |
| 1 | 1 | Canine breed | 22612 | Shiranian (Pom-Shi, Pom-Tzu, Shi-Pom) | | 1 | 0 |
| 1 | 1 | Canine breed | 22506 | Shollie (German Shepherd Border Collie mix) | | 1 | 0 |
| 1 | 1 | Canine breed | 22613 | Shug (German Shepherd-Pug mix) | | 1 | 0 |
| 1 | 1 | Canine breed | 14835 | Silken Windhound | | 1 | 0 |
| 1 | 1 | Canine breed | 14836 | Simaku | | 1 | 0 |
| 1 | 1 | Canine breed | 14837 | Slovensky Cuvac (Slovakian Chuvach) (Tatransky Cuvac) (Slovensky Kuvac) | | 1 | 0 |
| 1 | 1 | Canine breed | 14838 | Smithfield | | 1 | 0 |
| 1 | 1 | Canine breed | 22595 | Snorkie (Schnerrier, Schnorkie, Shnorkie) | | 1 | 0 |
| 1 | 1 | Canine breed | 14840 | Spaniel - Blue Picardy | | 1 | 0 |
| 1 | 1 | Canine breed | 14841 | Spaniel - Boykin | | 1 | 0 |
| 1 | 1 | Canine breed | 14844 | Spaniel - Cavalier King Charles (CKCS) (Cavalier King Charles Spaniel (CKCS)) | | 1 | 0 |
| 1 | 1 | Canine breed | 14845 | Spaniel - Clumber | | 1 | 0 |
| 1 | 1 | Canine breed | 14846 | Spaniel - Cocker (unspecified) (Cocker Spaniel (unspecified)) | | 1 | 0 |
| 1 | 1 | Canine breed | 14847 | Spaniel - Cocker, A.S.C.O.B | | 1 | 0 |
| 1 | 1 | Canine breed | 14848 | Spaniel - Cocker, American | | 1 | 0 |
| 1 | 1 | Canine breed | 14849 | Spaniel - Cocker, Black | | 1 | 0 |
| 1 | 1 | Canine breed | 14850 | Spaniel - Cocker, English | | 1 | 0 |
| 1 | 1 | Canine breed | 14871 | Spaniel - Cocker, Parti-Colour | | 1 | 0 |
| 1 | 1 | Canine breed | 19057 | Spaniel - Cocker, Welsh | | 1 | 0 |
| 1 | 1 | Canine breed | 19059 | Spaniel - Cocker, working | | 1 | 0 |
| 1 | 1 | Canine breed | 14872 | Spaniel - Continental, Toy | | 1 | 0 |
| 1 | 1 | Canine breed | 14873 | Spaniel - de Pont-Audemer (Epagneul) | | 1 | 0 |
| 1 | 1 | Canine breed | 14874 | Spaniel - Dutch (Water Dog - Friesian) (Wetterhoun) | | 1 | 0 |
| 1 | 1 | Canine breed | 14875 | Spaniel - English Toy | | 1 | 0 |
| 1 | 1 | Canine breed | 14876 | Spaniel - Field | | 1 | 0 |
| 1 | 1 | Canine breed | 14877 | Spaniel - French | | 1 | 0 |
| 1 | 1 | Canine breed | 14878 | Spaniel - German | | 1 | 0 |
| 1 | 1 | Canine breed | 14879 | Spaniel - Japanese | | 1 | 0 |
| 1 | 1 | Canine breed | 14880 | Spaniel - King Charles (KCS) | | 1 | 0 |
| 1 | 1 | Canine breed | 14881 | Spaniel - Picardy | | 1 | 0 |
| 1 | 1 | Canine breed | 14882 | Spaniel - Russian | | 1 | 0 |
| 1 | 1 | Canine breed | 14883 | Spaniel - Springer (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14884 | Spaniel - Springer, English (English Springer Spaniel) | | 1 | 0 |
| 1 | 1 | Canine breed | 14885 | Spaniel - Springer, Welsh | | 1 | 0 |
| 1 | 1 | Canine breed | 14886 | Spaniel - Sussex | | 1 | 0 |
| 1 | 1 | Canine breed | 14887 | Spaniel - Tibetan | | 1 | 0 |
| 1 | 1 | Canine breed | 14888 | Spaniel - Water (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14889 | Spaniel - Water, American | | 1 | 0 |
| 1 | 1 | Canine breed | 14890 | Spaniel - Water, Irish | | 1 | 0 |
| 1 | 1 | Canine breed | 14839 | Spaniel (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14912 | Spitz - Finnish | | 1 | 0 |
| 1 | 1 | Canine breed | 14913 | Spitz - German (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14914 | Spitz - German, Giant | | 1 | 0 |
| 1 | 1 | Canine breed | 22615 | Spitz - German, Miniature | | 1 | 0 |
| 1 | 1 | Canine breed | 14915 | Spitz - German, Standard | | 1 | 0 |
| 1 | 1 | Canine breed | 14916 | Spitz - German, Toy | | 1 | 0 |
| 1 | 1 | Canine breed | 14917 | Spitz - Italian (Florentine) (Volpino Italiano) (Cane de Quirinale) | | 1 | 0 |
| 1 | 1 | Canine breed | 14918 | Spitz - Japanese | | 1 | 0 |
| 1 | 1 | Canine breed | 14919 | Spitz - Norbotten (Norbottenspets) | | 1 | 0 |
| 1 | 1 | Canine breed | 14920 | Spitz - Nordic | | 1 | 0 |
| 1 | 1 | Canine breed | 14921 | Spitz - Silky (Seidenspitz) (Seidenhaarige) | | 1 | 0 |
| 1 | 1 | Canine breed | 14911 | Spitz (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22617 | Sporgi (Spaniel-Corgi mix) | | 1 | 0 |
| 1 | 1 | Canine breed | 22541 | Springador (Labrador, Labradiner retriever, Springerdor) | | 1 | 0 |
| 1 | 1 | Canine breed | 22618 | Springbatt (Springer Spaniel-Basset mix) | | 1 | 0 |
| 1 | 1 | Canine breed | 22619 | Springerdoodle (Sproodle, Springerpoo, Springadoodle, Springapoo) | | 1 | 0 |
| 1 | 1 | Canine breed | 22616 | Sprocker Spaniel (Cocker Springer Spaniel, Spocker, Sprocket) | | 1 | 0 |
| 1 | 1 | Canine breed | 22620 | Sprockerpoo | | 1 | 0 |
| 1 | 1 | Canine breed | 22621 | Sprinter | | 1 | 0 |
| 1 | 1 | Canine breed | 22622 | Sprollie | | 1 | 0 |
| 1 | 1 | Canine breed | 14922 | Stabyhound (Dutch Stabyhoun) (Friesian Pointer) | | 1 | 0 |
| 1 | 1 | Canine breed | 22623 | Stoodle | | 1 | 0 |
| 1 | 1 | Canine breed | 14924 | Tahltan Bear Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 22624 | Taigan (Kyrgyz Sighthound) | | 1 | 0 |
| 1 | 1 | Canine breed | 14925 | Tasy | | 1 | 0 |
| 1 | 1 | Canine breed | 14926 | Telomian | | 1 | 0 |
| 1 | 1 | Canine breed | 14928 | Terrier - Aberdeen | | 1 | 0 |
| 1 | 1 | Canine breed | 22443 | Terrier - Abyssinian Sand (African Sand Dog, African Hairless Dog) | | 1 | 0 |
| 1 | 1 | Canine breed | 14929 | Terrier - Airedale | | 1 | 0 |
| 1 | 1 | Canine breed | 14930 | Terrier - American Crested Sand | | 1 | 0 |
| 1 | 1 | Canine breed | 14951 | Terrier - American Hairless | | 1 | 0 |
| 1 | 1 | Canine breed | 14952 | Terrier - American Pit Bull | | 1 | 0 |
| 1 | 1 | Canine breed | 14953 | Terrier - American Toy | | 1 | 0 |
| 1 | 1 | Canine breed | 14954 | Terrier - Atlas | | 1 | 0 |
| 1 | 1 | Canine breed | 19061 | Terrier - Australian (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14955 | Terrier - Australian Rough-Coated | | 1 | 0 |
| 1 | 1 | Canine breed | 22625 | Terrier - Balla | | 1 | 0 |
| 1 | 1 | Canine breed | 14957 | Terrier - Bedlington | | 1 | 0 |
| 1 | 1 | Canine breed | 14958 | Terrier - Belgrade | | 1 | 0 |
| 1 | 1 | Canine breed | 14959 | Terrier - Biewer (Yorksire a la Pom) | | 1 | 0 |
| 1 | 1 | Canine breed | 14960 | Terrier - Black Russian (Tchiorny) (Russian Bear Schnauzer) (Chorny) | | 1 | 0 |
| 1 | 1 | Canine breed | 14961 | Terrier - Bohemian | | 1 | 0 |
| 1 | 1 | Canine breed | 14962 | Terrier - Border (Border Terrier) | | 1 | 0 |
| 1 | 1 | Canine breed | 14963 | Terrier - Boston | | 1 | 0 |
| 1 | 1 | Canine breed | 14964 | Terrier - Brazilian (Fox Paulistinha) | | 1 | 0 |
| 1 | 1 | Canine breed | 14965 | Terrier - Bull (unspecified) (Bull Terrier (unspecified)) | | 1 | 0 |
| 1 | 1 | Canine breed | 14966 | Terrier - Bull American | | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|--------------|------------------------|---|---------------------|--------------|--------|
| 1 | 1 | Canine breed | 22626 | Terrier - Bull English (Varkhond), Miniature (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14967 | Terrier - Bull English (Varkhond) (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14968 | Terrier - Bull English (Varkhond), Miniature Coloured | | 1 | 0 |
| 1 | 1 | Canine breed | 14969 | Terrier - Bull English (Varkhond), Miniature White | | 1 | 0 |
| 1 | 1 | Canine breed | 14970 | Terrier - Bull English (Varkhond), Standard Coloured | | 1 | 0 |
| 1 | 1 | Canine breed | 14991 | Terrier - Bull English (Varkhond), Standard White | | 1 | 0 |
| 1 | 1 | Canine breed | 14992 | Terrier - Bull, Miniature | | 1 | 0 |
| 1 | 1 | Canine breed | 14993 | Terrier - Cairn | | 1 | 0 |
| 1 | 1 | Canine breed | 22627 | Terrier - Capheaton | | 1 | 0 |
| 1 | 1 | Canine breed | 22628 | Terrier - Cyprus | | 1 | 0 |
| 1 | 1 | Canine breed | 14994 | Terrier - Czesky | | 1 | 0 |
| 1 | 1 | Canine breed | 14995 | Terrier - Dandie Dinmont | | 1 | 0 |
| 1 | 1 | Canine breed | 14996 | Terrier - English Toy | | 1 | 0 |
| 1 | 1 | Canine breed | 19063 | Terrier - Fell (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 14997 | Terrier - Fell, Black | | 1 | 0 |
| 1 | 1 | Canine breed | 14998 | Terrier - Fell, Red | | 1 | 0 |
| 1 | 1 | Canine breed | 14999 | Terrier - Fox (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 15000 | Terrier - Fox, Miniature | | 1 | 0 |
| 1 | 1 | Canine breed | 15001 | Terrier - Fox, Smooth | | 1 | 0 |
| 1 | 1 | Canine breed | 15002 | Terrier - Fox, Toy | | 1 | 0 |
| 1 | 1 | Canine breed | 15003 | Terrier - Fox, Wire-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 15004 | Terrier - German Hunting (Terrier - Deutscher Jagd) | | 1 | 0 |
| 1 | 1 | Canine breed | 15005 | Terrier - Glen of Imaal | | 1 | 0 |
| 1 | 1 | Canine breed | 15006 | Terrier - Guatemalan Bull (Terrier - Dogo Guatemalteco) | | 1 | 0 |
| 1 | 1 | Canine breed | 15007 | Terrier - Havanese, Toy | | 1 | 0 |
| 1 | 1 | Canine breed | 15008 | Terrier - Irish | | 1 | 0 |
| 1 | 1 | Canine breed | 15009 | Terrier - Jack Russell (JRT) | | 1 | 0 |
| 1 | 1 | Canine breed | 19065 | Terrier - Jack Russell (JRT), Miniature | | 1 | 0 |
| 1 | 1 | Canine breed | 22630 | Terrier - Jack Russell (JRT), Wire-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 15010 | Terrier - Jagdterrier (Terrier - German Hunt) | | 1 | 0 |
| 1 | 1 | Canine breed | 15031 | Terrier - Japanese (Terrier - Nippon) (Terrier - Nihon) | | 1 | 0 |
| 1 | 1 | Canine breed | 15032 | Terrier - Kerry Blue | | 1 | 0 |
| 1 | 1 | Canine breed | 15033 | Terrier - Lakeland | | 1 | 0 |
| 1 | 1 | Canine breed | 15034 | Terrier - Lucas | | 1 | 0 |
| 1 | 1 | Canine breed | 15036 | Terrier - Manchester (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 15037 | Terrier - Manchester, Old Format | | 1 | 0 |
| 1 | 1 | Canine breed | 15038 | Terrier - Manchester, Standard | | 1 | 0 |
| 1 | 1 | Canine breed | 15039 | Terrier - Manchester, Toy | | 1 | 0 |
| 1 | 1 | Canine breed | 22633 | Terrier - Moscow (Russian) Toy (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22631 | Terrier - Moscow (Russian) Toy, Long-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 22632 | Terrier - Moscow (Russian) Toy, Short-Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 15042 | Terrier - Norfolk | | 1 | 0 |
| 1 | 1 | Canine breed | 15043 | Terrier - Norwich | | 1 | 0 |
| 1 | 1 | Canine breed | 15044 | Terrier - Parson Russell | | 1 | 0 |
| 1 | 1 | Canine breed | 15045 | Terrier - Patterdale | | 1 | 0 |
| 1 | 1 | Canine breed | 19067 | Terrier - Plummer | | 1 | 0 |
| 1 | 1 | Canine breed | 22634 | Terrier - Rat (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22635 | Terrier - Rat, Standard | | 1 | 0 |
| 1 | 1 | Canine breed | 22636 | Terrier - Rat, Toy | | 1 | 0 |
| 1 | 1 | Canine breed | 15047 | Terrier - Russell | | 1 | 0 |
| 1 | 1 | Canine breed | 15049 | Terrier - Scottish | | 1 | 0 |
| 1 | 1 | Canine breed | 15050 | Terrier - Sealydale | | 1 | 0 |
| 1 | 1 | Canine breed | 15071 | Terrier - Sealyham | | 1 | 0 |
| 1 | 1 | Canine breed | 15072 | Terrier - Shropshire | | 1 | 0 |
| 1 | 1 | Canine breed | 22650 | Terrier - Silky (Terrier - Australian Silky) | | 1 | 0 |
| 1 | 1 | Canine breed | 15074 | Terrier - Skye | | 1 | 0 |
| 1 | 1 | Canine breed | 22411 | Terrier - Soft-Coated Wheaten (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22412 | Terrier - Soft-Coated Wheaten, English American | | 1 | 0 |
| 1 | 1 | Canine breed | 22413 | Terrier - Soft-Coated Wheaten, Heavy Irish | | 1 | 0 |
| 1 | 1 | Canine breed | 22414 | Terrier - Soft-Coated Wheaten, Traditional Irish | | 1 | 0 |
| 1 | 1 | Canine breed | 15076 | Terrier - Staffordshire Bull (unspecified) (Staffordshire Bull Terrier (unspecified)) | | 1 | 0 |
| 1 | 1 | Canine breed | 15077 | Terrier - Staffordshire Bull, English (English Staffordshire Bull Terrier) | | 1 | 0 |
| 1 | 1 | Canine breed | 15078 | Terrier - Staffordshire Bull, Irish (Irish Staffordshire Bull Terrier) | | 1 | 0 |
| 1 | 1 | Canine breed | 22637 | Terrier - Staffordshire Bull, Miniature | | 1 | 0 |
| 1 | 1 | Canine breed | 15079 | Terrier - Staffordshire, American | | 1 | 0 |
| 1 | 1 | Canine breed | 15080 | Terrier - Sydney | | 1 | 0 |
| 1 | 1 | Canine breed | 15081 | Terrier - Teddy Roosevelt (Terrier - Type B) (Terrier - Short-Legged Rat) | | 1 | 0 |
| 1 | 1 | Canine breed | 15082 | Terrier - Tenterfield | | 1 | 0 |
| 1 | 1 | Canine breed | 15083 | Terrier - Tibetan | | 1 | 0 |
| 1 | 1 | Canine breed | 15084 | Terrier - Titan | | 1 | 0 |
| 1 | 1 | Canine breed | 15085 | Terrier - Welsh | | 1 | 0 |
| 1 | 1 | Canine breed | 15086 | Terrier - West Highland White (WHWT) (West Highland White Terrier (WHWT)) | | 1 | 0 |
| 1 | 1 | Canine breed | 15087 | Terrier - Yorkshire (Yorkshire Terrier) | | 1 | 0 |
| 1 | 1 | Canine breed | 19079 | Terrier - Yorkshire, Miniature (Miniature Yorkshire Terrier)(Terrier - Yorkshire, Teacup) | | 1 | 0 |
| 1 | 1 | Canine breed | 14927 | Terrier (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 15088 | Thai Bangkaew Dog | | 1 | 0 |
| 1 | 1 | Canine breed | 22638 | Tiara Teddy Bear | | 1 | 0 |
| 1 | 1 | Canine breed | 15089 | Tibetan Kyiapo | | 1 | 0 |
| 1 | 1 | Canine breed | 15090 | Treeing Tennessee Brindle | | 1 | 0 |
| 1 | 1 | Canine breed | 15111 | Utonagan | | 1 | 0 |
| 1 | 1 | Canine breed | 15112 | Verelade | | 1 | 0 |
| 1 | 1 | Canine breed | 15113 | Vucciriscu | | 1 | 0 |
| 1 | 1 | Canine breed | 22429 | Waller | | 1 | 0 |
| 1 | 1 | Canine breed | 15114 | Wapoo | | 1 | 0 |
| 1 | 1 | Canine breed | 15116 | Water Dog - French (Barbet) | | 1 | 0 |
| 1 | 1 | Canine breed | 15117 | Water Dog - Hungarian (Puli) | | 1 | 0 |
| 1 | 1 | Canine breed | 15118 | Water Dog - Portuguese (Cão de Agua) (Portie) | | 1 | 0 |
| 1 | 1 | Canine breed | 15119 | Water Dog - Romagna (Lagotto Romagnolo) | | 1 | 0 |
| 1 | 1 | Canine breed | 15120 | Water Dog - Spanish | | 1 | 0 |
| 1 | 1 | Canine breed | 15121 | Water Dog - St John | | 1 | 0 |
| 1 | 1 | Canine breed | 15115 | Water Dog (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22641 | Wauzer (West Highland Schnauzer) | | 1 | 0 |
| 1 | 1 | Canine breed | 22642 | Wee-Chon (Weechon, Westichon) | | 1 | 0 |
| 1 | 1 | Canine breed | 15122 | Weimaraner (Vorstehhund) | | 1 | 0 |
| 1 | 1 | Canine breed | 22643 | Weimardoodle (Weimarpoo) | | 1 | 0 |
| 1 | 1 | Canine breed | 15124 | Welsh Corgi - Cardigan | | 1 | 0 |
| 1 | 1 | Canine breed | 15125 | Welsh Corgi - Old Format | | 1 | 0 |
| 1 | 1 | Canine breed | 15126 | Welsh Corgi - Pembroke | | 1 | 0 |
| 1 | 1 | Canine breed | 15123 | Welsh Corgi (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22644 | Westiepoo (Westidoodle, Westipoo, Wee-Poo) | | 1 | 0 |
| 1 | 1 | Canine breed | 22416 | Whippet - Long-Haired | | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|--------------|------------------------|---|---------------------|--------------|--------|
| 1 | 1 | Canine breed | 15128 | Whippet - Standard | | 1 | 0 |
| 1 | 1 | Canine breed | 15129 | Whippet - Wire Haired | | 1 | 0 |
| 1 | 1 | Canine breed | 15127 | Whippet (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 19069 | Wolfdog - British | | 1 | 0 |
| 1 | 1 | Canine breed | 19071 | Wolfdog - Czechoslovakian | | 1 | 0 |
| 1 | 1 | Canine breed | 19073 | Wolfdog (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 15132 | Wolfhound - Belgian | | 1 | 0 |
| 1 | 1 | Canine breed | 15133 | Wolfhound - Czechoslovakian | | 1 | 0 |
| 1 | 1 | Canine breed | 15134 | Wolfhound - Irish | | 1 | 0 |
| 1 | 1 | Canine breed | 15135 | Wolfhound - Kunming (Chinese Wolfdog) | | 1 | 0 |
| 1 | 1 | Canine breed | 22645 | Wolfhound - Russian (Borzoi, Wolfhound - Siberian) | | 1 | 0 |
| 1 | 1 | Canine breed | 22425 | Wolfhound - Saarloos (Saarlooswolfhond, Saarloos Wolfdog) | | 1 | 0 |
| 1 | 1 | Canine breed | 15131 | Wolfhound (unspecified) | | 1 | 0 |
| 1 | 1 | Canine breed | 22646 | Woodle (Welshpoo Terrier, Welshdoodle Terrier) | | 1 | 0 |
| 1 | 1 | Canine breed | 15138 | Yajivy | | 1 | 0 |
| 1 | 1 | Canine breed | 15139 | Yo-Chon | | 1 | 0 |
| 1 | 1 | Canine breed | 22581 | Yoranian (Yorkiepom, Yorky Pom, Porkie) | | 1 | 0 |
| 1 | 1 | Canine breed | 22538 | Yorkie Russell (Jorky, YorkieJack) | | 1 | 0 |
| 1 | 1 | Canine breed | 22647 | Yorkipoo (Yorkiepoo, Yorkiedoodle, Yoodle) | | 1 | 0 |
| 1 | 1 | Feline breed | 22655 | Allerca Hypoallergenic Cat | | 1 | 0 |
| 1 | 1 | Feline breed | 18082 | American Bobtail (unspecified) | | 1 | 0 |
| 1 | 1 | Feline breed | 15239 | American Bobtail, Long-Haired | | 1 | 0 |
| 1 | 1 | Feline breed | 15240 | American Bobtail, Short-Haired | | 1 | 0 |
| 1 | 1 | Feline breed | 15241 | American Curl | | 1 | 0 |
| 1 | 1 | Feline breed | 15242 | American Ringtail | | 1 | 0 |
| 1 | 1 | Feline breed | 15243 | American Short Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 15244 | American Wire Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 15245 | Anatolian | | 1 | 0 |
| 1 | 1 | Feline breed | 15246 | Agora | | 1 | 0 |
| 1 | 1 | Feline breed | 22656 | Arabian Mau | | 1 | 0 |
| 1 | 1 | Feline breed | 22657 | Ashanti | | 1 | 0 |
| 1 | 1 | Feline breed | 18084 | Asian | | 1 | 0 |
| 1 | 1 | Feline breed | 18086 | Australian Mist (unspecified) | | 1 | 0 |
| 1 | 1 | Feline breed | 15247 | Australian Mist, Non-spotted | | 1 | 0 |
| 1 | 1 | Feline breed | 15248 | Australian Mist, Spotted | | 1 | 0 |
| 1 | 1 | Feline breed | 22658 | Bahraini Dilmun Cat (Delmun Cat) | | 1 | 0 |
| 1 | 1 | Feline breed | 15249 | Balinese | | 1 | 0 |
| 1 | 1 | Feline breed | 22659 | Bambino | | 1 | 0 |
| 1 | 1 | Feline breed | 15250 | Bengal | | 1 | 0 |
| 1 | 1 | Feline breed | 15251 | Birman | | 1 | 0 |
| 1 | 1 | Feline breed | 15252 | Bombay | | 1 | 0 |
| 1 | 1 | Feline breed | 15253 | Brazilian Long Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 15254 | Brazilian Short Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 22407 | Breed not listed (Feline) | | 1 | 0 |
| 1 | 1 | Feline breed | 18088 | British Black Tipped | | 1 | 0 |
| 1 | 1 | Feline breed | 18090 | British Blue | | 1 | 0 |
| 1 | 1 | Feline breed | 15255 | British Long Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 15256 | British Red Spot | | 1 | 0 |
| 1 | 1 | Feline breed | 15257 | British Short Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 15258 | Burmese | | 1 | 0 |
| 1 | 1 | Feline breed | 15259 | Burmilla | | 1 | 0 |
| 1 | 1 | Feline breed | 15260 | Calico | | 1 | 0 |
| 1 | 1 | Feline breed | 15261 | California Spangled | | 1 | 0 |
| 1 | 1 | Feline breed | 15262 | Chantilly (Tiffany) | | 1 | 0 |
| 1 | 1 | Feline breed | 15263 | Chartreux | | 1 | 0 |
| 1 | 1 | Feline breed | 15264 | Chausie | | 1 | 0 |
| 1 | 1 | Feline breed | 15265 | Chinchilla | | 1 | 0 |
| 1 | 1 | Feline breed | 22654 | Colourpoint Short Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 15266 | Cornish Rex | | 1 | 0 |
| 1 | 1 | Feline breed | 15267 | Cross Breed | | 1 | 0 |
| 1 | 1 | Feline breed | 15268 | Cymric | | 1 | 0 |
| 1 | 1 | Feline breed | 15269 | Devon Rex | | 1 | 0 |
| 1 | 1 | Feline breed | 18747 | Domestic cat (hair length unspecified) | | 1 | 0 |
| 1 | 1 | Feline breed | 15270 | Domestic Leopard Cat | | 1 | 0 |
| 1 | 1 | Feline breed | 15271 | Domestic Long Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 15272 | Domestic Medium Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 15273 | Domestic Short Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 15274 | Don Hairless | | 1 | 0 |
| 1 | 1 | Feline breed | 15275 | Don Sphynx | | 1 | 0 |
| 1 | 1 | Feline breed | 15276 | Egyptian Black | | 1 | 0 |
| 1 | 1 | Feline breed | 15277 | Egyptian Mau | | 1 | 0 |
| 1 | 1 | Feline breed | 22661 | European (unspecified) | | 1 | 0 |
| 1 | 1 | Feline breed | 22660 | European Long Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 15278 | European Short Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 22663 | European Tiger Cat | | 1 | 0 |
| 1 | 1 | Feline breed | 18092 | Exotic (unspecified) | | 1 | 0 |
| 1 | 1 | Feline breed | 15279 | Exotic Long Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 15280 | Exotic Short Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 15281 | Foreign White | | 1 | 0 |
| 1 | 1 | Feline breed | 15282 | German Rex | | 1 | 0 |
| 1 | 1 | Feline breed | 15283 | Havana Brown | | 1 | 0 |
| 1 | 1 | Feline breed | 15284 | Highland Fold | | 1 | 0 |
| 1 | 1 | Feline breed | 15285 | Himalayan | | 1 | 0 |
| 1 | 1 | Feline breed | 15286 | Japanese Bobtail | | 1 | 0 |
| 1 | 1 | Feline breed | 15287 | Javanese | | 1 | 0 |
| 1 | 1 | Feline breed | 15288 | Khao Manee | | 1 | 0 |
| 1 | 1 | Feline breed | 15289 | Korat | | 1 | 0 |
| 1 | 1 | Feline breed | 15290 | Kurilian Bobtail, Long-Haired | | 1 | 0 |
| 1 | 1 | Feline breed | 15291 | Kurilian Bobtail, Short-Haired | | 1 | 0 |
| 1 | 1 | Feline breed | 18094 | LaPerm (unspecified) | | 1 | 0 |
| 1 | 1 | Feline breed | 15292 | LaPerm, Long-Haired | | 1 | 0 |
| 1 | 1 | Feline breed | 15293 | LaPerm, Short-Haired | | 1 | 0 |
| 1 | 1 | Feline breed | 15294 | Maine Coon | | 1 | 0 |
| 1 | 1 | Feline breed | 15295 | Maltese | | 1 | 0 |
| 1 | 1 | Feline breed | 18096 | Manx (unspecified) | | 1 | 0 |
| 1 | 1 | Feline breed | 15296 | Manx, Long-Haired | | 1 | 0 |
| 1 | 1 | Feline breed | 15297 | Manx, Short-Haired | | 1 | 0 |
| 1 | 1 | Feline breed | 15298 | Manxamese | | 1 | 0 |
| 1 | 1 | Feline breed | 15299 | Minskin | | 1 | 0 |
| 1 | 1 | Feline breed | 22664 | Minuet (Napoleon) | | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|--------------|------------------------|---|---------------------|--------------|--------|
| 1 | 1 | Feline breed | 18098 | Munchkin (Munchk) (unspecified) | | 1 | 0 |
| 1 | 1 | Feline breed | 15300 | Munchkin (Munchk), Long-Haired | | 1 | 0 |
| 1 | 1 | Feline breed | 15301 | Munchkin (Munchk), Short-Haired | | 1 | 0 |
| 1 | 1 | Feline breed | 15302 | Nebelung | | 1 | 0 |
| 1 | 1 | Feline breed | 15303 | Neva Masquerade (Colourpoint Siberian Forest Cat) | | 1 | 0 |
| 1 | 1 | Feline breed | 15304 | Norwegian Forest | | 1 | 0 |
| 1 | 1 | Feline breed | 15305 | Ocicat | | 1 | 0 |
| 1 | 1 | Feline breed | 15306 | Ojos Azules | | 1 | 0 |
| 1 | 1 | Feline breed | 15307 | Oregon Rex | | 1 | 0 |
| 1 | 1 | Feline breed | 18100 | Oriental (unspecified) | | 1 | 0 |
| 1 | 1 | Feline breed | 15308 | Oriental Long Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 15309 | Oriental Short Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 18760 | Persian (unspecified) | | 1 | 0 |
| 1 | 1 | Feline breed | 18762 | Persian, Blue | | 1 | 0 |
| 1 | 1 | Feline breed | 18763 | Persian, Colourpoint | | 1 | 0 |
| 1 | 1 | Feline breed | 18764 | Persian, Smoke | | 1 | 0 |
| 1 | 1 | Feline breed | 15311 | Persian, Tabby | | 1 | 0 |
| 1 | 1 | Feline breed | 15312 | Peterbald | | 1 | 0 |
| 1 | 1 | Feline breed | 15313 | PixieBob | | 1 | 0 |
| 1 | 1 | Feline breed | 22662 | Polydactyl cat (Hemingway cat) | | 1 | 0 |
| 1 | 1 | Feline breed | 22405 | Purebred cross (Feline) | | 1 | 0 |
| 1 | 1 | Feline breed | 15314 | Ragamuffin | | 1 | 0 |
| 1 | 1 | Feline breed | 15315 | Ragdoll | | 1 | 0 |
| 1 | 1 | Feline breed | 18759 | Rex (unspecified) | | 1 | 0 |
| 1 | 1 | Feline breed | 18749 | Russian (unspecified) | | 1 | 0 |
| 1 | 1 | Feline breed | 18751 | Russian Black | | 1 | 0 |
| 1 | 1 | Feline breed | 18753 | Russian Blue | | 1 | 0 |
| 1 | 1 | Feline breed | 18755 | Russian Tabby | | 1 | 0 |
| 1 | 1 | Feline breed | 18757 | Russian White | | 1 | 0 |
| 1 | 1 | Feline breed | 15318 | Savannah | | 1 | 0 |
| 1 | 1 | Feline breed | 18102 | Scottish Fold (unspecified) | | 1 | 0 |
| 1 | 1 | Feline breed | 15319 | Scottish Fold, Long-Haired | | 1 | 0 |
| 1 | 1 | Feline breed | 15320 | Scottish Fold, Short-Haired | | 1 | 0 |
| 1 | 1 | Feline breed | 15321 | Scottish Wildcat | | 1 | 0 |
| 1 | 1 | Feline breed | 15322 | Selkirk Rex | | 1 | 0 |
| 1 | 1 | Feline breed | 15323 | Serengeti | | 1 | 0 |
| 1 | 1 | Feline breed | 15324 | Seychellois Long Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 15325 | Seychellois Short Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 15326 | Siamese | | 1 | 0 |
| 1 | 1 | Feline breed | 15327 | Siberian | | 1 | 0 |
| 1 | 1 | Feline breed | 15328 | Siberian Forest Cat | | 1 | 0 |
| 1 | 1 | Feline breed | 15329 | Singapura | | 1 | 0 |
| 1 | 1 | Feline breed | 15330 | Snowshoe | | 1 | 0 |
| 1 | 1 | Feline breed | 15331 | Sokoke (African Short Hair) | | 1 | 0 |
| 1 | 1 | Feline breed | 7355 | Somali (unspecified) | | 1 | 0 |
| 1 | 1 | Feline breed | 7356 | Somali Long Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 7353 | Somali Short Hair | | 1 | 0 |
| 1 | 1 | Feline breed | 15333 | Sphynx | | 1 | 0 |
| 1 | 1 | Feline breed | 18104 | Thai | | 1 | 0 |
| 1 | 1 | Feline breed | 22665 | Tiffanie | | 1 | 0 |
| 1 | 1 | Feline breed | 15334 | Tonkinese | | 1 | 0 |
| 1 | 1 | Feline breed | 15335 | Toyger | | 1 | 0 |
| 1 | 1 | Feline breed | 15336 | Turkish Angora | | 1 | 0 |
| 1 | 1 | Feline breed | 15337 | Turkish Van | | 1 | 0 |
| 1 | 1 | Feline breed | 15338 | Turkish Vankedisi (Van Kedisi) | | 1 | 0 |
| 1 | 1 | Feline breed | 15339 | York Chocolate | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18419 | Alaska | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18420 | Altex | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18422 | American - Blue | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18424 | American - Fuzzy Lop | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18425 | American - Sable | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18421 | American - Standard | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18423 | American - White | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18426 | American (unspecified) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18438 | Argente Bleu | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18439 | Argente Brun | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18440 | Argente Clair | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18441 | Argente Crème (Crème d'Argent) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18442 | Argente de Champagne (Champagne d'Argent) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18443 | Argente Noir | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18444 | Argente St Hubert | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18452 | Baladi | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18453 | Bauscat | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18454 | Beige (English) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18455 | Belgian Hare | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18456 | Beveren | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18457 | Blanc de Bouscat | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18458 | Blanc de Hotot | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18459 | Blanc de Popelno | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18460 | Blanc de Termonde | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18461 | Blue of Ham | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18462 | Blue of Sint-Niklaas | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18474 | Bouronnais Grey | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18475 | Brazilian | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18476 | Britannia Petite | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18477 | British Giant | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18478 | Brown Chestnut of Lorraine | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18484 | Caldes | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18485 | Californian | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18486 | Carmagnola Grey | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18487 | Cashmere Lop | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18488 | Chaudry | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18489 | Checkeder Giant | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18491 | Chinchilla - American | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18493 | Chinchilla - Giant | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18492 | Chinchilla - Giganta | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18490 | Chinchilla - Standard | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18494 | Chinchilla (unspecified) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18495 | Cinnamon | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18496 | Continental Giant | | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|--------------|------------------------|-----------------------------|---------------------|--------------|--------|
| 1 | 1 | Rabbit breed | 18497 | Criollo | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18498 | Crossbreed | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18499 | Cuban Brown | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18500 | Czech - Albin | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18502 | Czech - Red rabbit | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18501 | Czech - Spot | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18503 | Czech (unspecified) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18524 | Deilenaar | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18527 | Dutch - Lop (Holland Lop) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18525 | Dutch - Standard | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18526 | Dutch - Tri-Coloured | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18528 | Dutch (unspecified) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18529 | Dwarf Hotot | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18530 | Dwarf Lop (Miniature Lop) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18531 | Elfin | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18532 | Enderby Island | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18533 | English - Angora | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18535 | English - Lop | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18534 | English - Spot | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18536 | English (unspecified) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18550 | Fauve de Bourgogne | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18551 | Fee de Marbourg (Marburger) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18552 | Flemish Giant (Patagonian) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18553 | Florida White | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18554 | Fox Silver | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18555 | French - Angora | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18556 | French - Lop | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18557 | French (unspecified) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18566 | Gabali | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18567 | German - Angora | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18568 | German - Lop | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18569 | German (unspecified) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18570 | Giant Angora | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18571 | Giant Papillon | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18572 | Giza White | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18573 | Golden Glavcot | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18574 | Gotland | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18575 | Grey Pearl of Halle | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18576 | Harlequin | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18577 | Havana | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18578 | Himalayan | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18579 | Hulstlander | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18580 | Hungarian Giant | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18581 | Jersey Wooly | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18582 | Kabyle | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18583 | Lilac | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18584 | Lionhead | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18585 | Liptov Baldspotted Rabbit | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18606 | Meissner Lop | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18608 | Mini Lion Lop | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18607 | Miniature Lop (Holland Lop) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18609 | Netherland Dwarf | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18611 | New Zealand - Red | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18610 | New Zealand - Standard | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18612 | New Zealand (unspecified) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18613 | Orestad | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18614 | Palomino | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18615 | Pani | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18616 | Pannon White | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18617 | Perlfée | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18619 | Plush Lop - Miniature | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18618 | Plush Lop - Standard | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18620 | Plush Lop (unspecified) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18621 | Pointed Beveren | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18622 | Polish | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18624 | Rex - Astrex | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18625 | Rex - Miniature | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18626 | Rex - Opossum | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18623 | Rex - Standard | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18627 | Rex (unspecified) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18628 | Rhinelander | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18658 | Sachsengold | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18652 | Sallander | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18653 | San Juan | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18656 | Satin - Angora | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18655 | Satin - Miniature | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18654 | Satin - Standard | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18657 | Satin (unspecified) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18660 | Siamese Sable | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18659 | Siberian | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18662 | Silver - Fox | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18663 | Silver - Marten | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18661 | Silver - Standard | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18664 | Silver (unspecified) | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18665 | Smoke Pearl | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18666 | Spanish Giant | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18667 | Squirrel | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18668 | Sussex | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18669 | Swiss Fox | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18688 | Tadla | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18689 | Tan - English | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18690 | Teddywiddler | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18691 | Thrianta | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18692 | Thurlinger | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18696 | Unknown | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18693 | Vienna | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18694 | Wheaten | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18695 | Wheaten Lynx | | 1 | 0 |
| 1 | 1 | Rabbit breed | 18697 | Zemmouri | | 1 | 0 |
| 1 | 1 | Species | 15442 | Amphibian (unspecified) | | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|------------|------------------------|---|---|--------------|--------|
| 1 | 1 | Species | 15443 | Arthropod (unspecified) | | 1 | 0 |
| 1 | 1 | Species | 15444 | Bird - Budgerigar | | 1 | 0 |
| 1 | 1 | Species | 15445 | Bird - Chicken | | 1 | 0 |
| 1 | 1 | Species | 15447 | Bird - Cockatiel | | 1 | 0 |
| 1 | 1 | Species | 15446 | Bird - Cockatoo | | 1 | 0 |
| 1 | 1 | Species | 15454 | Bird - other | | 1 | 0 |
| 1 | 1 | Species | 21892 | Bird - Parrot (Psittacine) - African Grey Parrot | | 1 | 0 |
| 1 | 1 | Species | 21893 | Bird - Parrot (Psittacine) - Amazon Parrot | | 1 | 0 |
| 1 | 1 | Species | 21894 | Bird - Parrot (Psittacine) - Macaw | | 1 | 0 |
| 1 | 1 | Species | 21891 | Bird - Parrot (Psittacine) - other | | 1 | 0 |
| 1 | 1 | Species | 21895 | Bird - Parrot (Psittacine) - Parakeet | | 1 | 0 |
| 1 | 1 | Species | 15449 | Bird - Turkey | | 1 | 0 |
| 1 | 1 | Species | 15450 | Bird - Waterfowl - Duck | | 1 | 0 |
| 1 | 1 | Species | 15451 | Bird - Waterfowl - Goose | | 1 | 0 |
| 1 | 1 | Species | 15453 | Bird - Waterfowl - other | | 1 | 0 |
| 1 | 1 | Species | 15452 | Bird - Waterfowl - Swan | | 1 | 0 |
| 1 | 1 | Species | 15455 | Camelid - Alpaca | | 1 | 0 |
| 1 | 1 | Species | 15456 | Camelid - Guanaco | | 1 | 0 |
| 1 | 1 | Species | 15457 | Camelid - Llama | | 1 | 0 |
| 1 | 1 | Species | 15458 | Camelid - other | | 1 | 0 |
| 1 | 1 | Species | 15459 | Cat (Feline - Domestic) | | 1 | 0 |
| 1 | 1 | Species | 15460 | Cow (Bovine) | | 1 | 0 |
| 1 | 1 | Species | 15481 | Dog (Canine - Domestic) | | 1 | 0 |
| 1 | 1 | Species | 15462 | Equine - Donkey | | 1 | 1 |
| 1 | 1 | Species | 15463 | Equine - Horse | | 1 | 1 |
| 1 | 1 | Species | 15464 | Ferret | | 1 | 0 |
| 1 | 1 | Species | 15465 | Fish - Coldwater - Carp, Goldfish | | 1 | 0 |
| 1 | 1 | Species | 15466 | Fish - Coldwater - Carp, other | | 1 | 0 |
| 1 | 1 | Species | 15467 | Fish - Coldwater - other | | 1 | 0 |
| 1 | 1 | Species | 15469 | Fish - other (unspecified) | | 1 | 0 |
| 1 | 1 | Species | 15468 | Fish - Tropical (unspecified) | | 1 | 0 |
| 1 | 1 | Species | 15470 | Goat (Caprine) | | 1 | 0 |
| 1 | 1 | Species | 21896 | Hedgehog - African Pygmy (Atelerix albiventris) | | 1 | 0 |
| 1 | 1 | Species | 21897 | Hedgehog - European (Erinaceus europaeus) | | 1 | 0 |
| 1 | 1 | Species | 21898 | Hedgehog - other | | 1 | 0 |
| 1 | 1 | Species | 18072 | Lion | | 1 | 0 |
| 1 | 1 | Species | 18074 | Panther | | 1 | 0 |
| 1 | 1 | Species | 15471 | Pig (Porcine) | | 1 | 0 |
| 1 | 1 | Species | 18437 | Rabbit (Domestic) | | 1 | 0 |
| 1 | 1 | Species | 15472 | Rabbit (unspecified) | | 1 | 0 |
| 1 | 1 | Species | 21900 | Reptile - Lizard - Bearded Dragon (Pogona vitticeps) | | 1 | 0 |
| 1 | 1 | Species | 15473 | Reptile - Lizard - Iguana | | 1 | 0 |
| 1 | 1 | Species | 21901 | Reptile - Lizard - Leopard Gecko (Eublepharis macularius) | | 1 | 0 |
| 1 | 1 | Species | 15474 | Reptile - Lizard - other | | 1 | 0 |
| 1 | 1 | Species | 15478 | Reptile - other | | 1 | 0 |
| 1 | 1 | Species | 15475 | Reptile - Snake | | 1 | 0 |
| 1 | 1 | Species | 15476 | Reptile - Terrapin | | 1 | 0 |
| 1 | 1 | Species | 21902 | Reptile - Tortoise - Hermann's Tortoise (Testudo hermanni) | | 1 | 0 |
| 1 | 1 | Species | 21903 | Reptile - Tortoise - Marginated Tortoise (Testudo marginata) | | 1 | 0 |
| 1 | 1 | Species | 21906 | Reptile - Tortoise - other | | 1 | 0 |
| 1 | 1 | Species | 21904 | Reptile - Tortoise - Russian Tortoise (Testudo hersefeldii) | | 1 | 0 |
| 1 | 1 | Species | 21905 | Reptile - Tortoise - Spur Thighed Tortoise (Testudo graeca) | | 1 | 0 |
| 1 | 1 | Species | 15479 | Rodent - Chinchilla | | 1 | 0 |
| 1 | 1 | Species | 15480 | Rodent - Chipmunk | | 1 | 0 |
| 1 | 1 | Species | 15481 | Rodent - Gerbil | | 1 | 0 |
| 1 | 1 | Species | 15482 | Rodent - Guinea Pig | | 1 | 0 |
| 1 | 1 | Species | 15483 | Rodent - Hamster | | 1 | 0 |
| 1 | 1 | Species | 15484 | Rodent - Mouse | | 1 | 0 |
| 1 | 1 | Species | 15486 | Rodent - other | | 1 | 0 |
| 1 | 1 | Species | 15485 | Rodent - Rat | | 1 | 0 |
| 1 | 1 | Species | 15487 | Sheep (Ovine) | | 1 | 0 |
| 1 | 1 | Species | 18071 | Wolf | | 1 | 0 |
| 0 | 1 | Diagnosis | 5780 | Diarrhoea - presumed self-limiting | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 0 | 1 | Diagnosis | 5786 | Muscle strain | Musculoskeletal system finding, Traumatic episode finding | 1 | 1 |
| 0 | 1 | Diagnosis | 21881 | Old age (unspecified problems) | Clinical finding | 1 | 1 |
| 0 | 1 | Diagnosis | 5782 | Vomiting - presumed self-limiting | Alimentary tract/Digestive system finding | 1 | 0 |
| 0 | 1 | Diagnosis | 5790 | Wart | Haircoat/skin (+ appendages) finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17749 | Abdominal distension (Presenting complaint) | Abdominal finding | 1 | 1 |
| 0 | 1 | Presenting | 17750 | Abdominal injury (Presenting complaint) | Abdominal finding, Traumatic episode finding | 1 | 1 |
| 0 | 1 | Presenting | 21177 | Abnormal behavioural episode (Presenting complaint) | Nervous system finding, Head and neck finding | 1 | 0 |
| 0 | 1 | Presenting | 17751 | Alopecia (Presenting complaint) | Haircoat/skin (+ appendages) finding | 1 | 1 |
| 0 | 1 | Presenting | 17752 | Anal irritation (Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 0 |
| 0 | 1 | Presenting | 17753 | Anorexia (Presenting complaint) | Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17754 | Appetite decreased (Presenting complaint) | Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17755 | Appetite increased (Presenting complaint) | Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17756 | Behavioural abnormality (Presenting complaint) | Nervous system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17757 | Bleeding - Bruising (Presenting complaint) | Cardiovascular system finding, Wound finding | 1 | 1 |
| 0 | 1 | Presenting | 17758 | Bleeding - Epistaxis (Presenting complaint) | Respiratory system finding, Cardiovascular system finding, Head and | 1 | 1 |
| 0 | 1 | Presenting | 17759 | Bleeding - Other orifice (Presenting complaint) | Cardiovascular system finding | 1 | 1 |
| 0 | 1 | Presenting | 17760 | Bleeding - Petechiation/ecchymoses (Presenting complaint) | Cardiovascular system finding | 1 | 1 |
| 0 | 1 | Presenting | 17761 | Blindness (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17762 | Cachexia (Presenting complaint) | Weight/Body condition finding, Nutritional finding | 1 | 1 |
| 0 | 1 | Presenting | 17763 | Cardiac (heart) abnormality - heart murmur (Presenting complaint) | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 0 | 1 | Presenting | 17764 | Cardiac (heart) abnormality - other (Presenting complaint) | Cardiovascular system finding, Thoracic finding | 1 | 0 |
| 0 | 1 | Presenting | 17765 | Cataract (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 0 | 1 | Presenting | 17766 | CHEMOTHERAPY appointment (Presenting complaint) | Clinical finding | 1 | 0 |
| 0 | 1 | Presenting | 21876 | Choking (Presenting complaint) | Respiratory system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17767 | Colic (Presenting complaint) | Nervous system finding, Abdominal finding | 1 | 1 |
| 0 | 1 | Presenting | 21855 | Collapsed (Presenting complaint) | Clinical finding | 1 | 1 |
| 0 | 1 | Presenting | 21853 | Collapsing/syncopal episodes (Presenting complaint) | Clinical finding | 1 | 1 |
| 0 | 1 | Presenting | 21725 | Coprophagia (eating faeces)(Presenting complaint) | Nervous system finding, Head and neck finding | 1 | 0 |
| 0 | 1 | Presenting | 17769 | Corneal abnormality (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17770 | Corneal opacity or blue eye (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17771 | Coughing (Presenting complaint) | Respiratory system finding | 1 | 1 |
| 0 | 1 | Presenting | 17772 | Cyanosis (Presenting complaint) | Endocrine/Metabolic finding | 1 | 1 |
| 0 | 1 | Presenting | 21726 | Dead (Deceased) on presentation/arrival (DOA)(Presenting complaint) | Administrative statuses finding | 1 | 1 |
| 0 | 1 | Presenting | 17774 | Defaecation abnormal - decreased frequency (Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 1 |
| 0 | 1 | Presenting | 17775 | Defaecation abnormal - defaecatory tenesmus (Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 1 |
| 0 | 1 | Presenting | 21732 | Defaecation abnormal - dyschezia (Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 0 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|------------|------------------------|--|---|--------------|--------|
| 0 | 1 | Presenting | 21180 | Defaecation abnormal - inappropriate defaecation (Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 0 |
| 0 | 1 | Presenting | 17776 | Defaecation abnormal - increased frequency (Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 1 |
| 0 | 1 | Presenting | 17777 | Defaecation abnormal - other (Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 0 |
| 0 | 1 | Presenting | 17778 | Dental (tooth) abnormality (Presenting complaint) | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17779 | Dietary indiscretion - foreign body ingestion (Presenting complaint) | Alimentary tract/Digestive system finding, Foreign body finding | 1 | 1 |
| 0 | 1 | Presenting | 17780 | Dietary indiscretion - other (Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 1 |
| 0 | 1 | Presenting | 17781 | Discharge - aural (ear) (Presenting complaint) | Auditory system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17782 | Discharge - nasal (nose) (Presenting complaint) | Respiratory system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17783 | Discharge - ocular (eye) (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17784 | Discharge - penile (Presenting complaint) | Urogenital system finding, Reproductive system finding | 1 | 1 |
| 0 | 1 | Presenting | 17785 | Discharge - sinus tract (Presenting complaint) | Soft tissue finding | 1 | 1 |
| 0 | 1 | Presenting | 17786 | Discharge - vaginal (Presenting complaint) | Urogenital system finding, Reproductive system finding, Pelvic structure finding | 1 | 1 |
| 0 | 1 | Presenting | 21748 | Drowned/Near drowning (Presenting complaint) | Respiratory system finding | 1 | 1 |
| 0 | 1 | Presenting | 17787 | Dry eye (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17788 | Dysphagia (Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 0 |
| 0 | 1 | Presenting | 17789 | Dysphonia (Presenting complaint) | Respiratory system finding | 1 | 1 |
| 0 | 1 | Presenting | 17790 | Dyspnoea - with coughing (Presenting complaint) | Respiratory system finding | 1 | 1 |
| 0 | 1 | Presenting | 17791 | Dyspnoea - without coughing (Presenting complaint) | Respiratory system finding | 1 | 1 |
| 0 | 1 | Presenting | 17792 | Dystocia (Presenting complaint) | Reproductive system finding | 1 | 1 |
| 0 | 1 | Presenting | 17793 | Ear (aural) abnormality (Presenting complaint) | Auditory system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17794 | Ear (aural) injury (Presenting complaint) | Auditory system finding, Traumatic episode finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17795 | Ear (aural) smell (Presenting complaint) | Auditory system finding, Head and neck finding | 1 | 0 |
| 0 | 1 | Presenting | 18319 | Epiphora/tear staining (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 18321 | Excess tear production (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17796 | Exercise intolerance - episodic (Presenting complaint) | Musculoskeletal system finding | 1 | 1 |
| 0 | 1 | Presenting | 17797 | Exercise intolerance - persistent (Presenting complaint) | Musculoskeletal system finding | 1 | 1 |
| 0 | 1 | Presenting | 17798 | Eyelid abnormality (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 21858 | Faecal appearance abnormal - diarrhoea (chronicity unspecified)(Presenting complaint) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 0 | 1 | Presenting | 21861 | Faecal appearance abnormal - diarrhoea, acute (Presenting complaint) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 0 | 1 | Presenting | 21864 | Faecal appearance abnormal - diarrhoea, chronic (Presenting complaint) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 0 | 1 | Presenting | 17800 | Faecal appearance abnormal - haematochezia (Presenting complaint) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 0 | 1 | Presenting | 17801 | Faecal appearance abnormal - melæna (Presenting complaint) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 0 | 1 | Presenting | 21729 | Faecal appearance abnormal - mucus (Presenting complaint) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 0 | 1 | Presenting | 17802 | Faecal appearance abnormal - other (Presenting complaint) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 0 |
| 0 | 1 | Presenting | 17803 | Failure to gain weight (Presenting complaint) | Weight/Body condition finding | 1 | 0 |
| 0 | 1 | Presenting | 21720 | Failure to grow (stunted growth)(Presenting complaint) | Height/growth finding | 1 | 1 |
| 0 | 1 | Presenting | 17805 | Female reproductive abnormality (Presenting complaint) | Reproductive system finding | 1 | 1 |
| 0 | 1 | Presenting | 21735 | Flatulence (Presenting complaint) | Alimentary tract/Digestive system finding, Abdominal finding | 1 | 1 |
| 0 | 1 | Presenting | 17806 | Gagging/retching (Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 1 |
| 0 | 1 | Presenting | 17807 | Gait abnormality - ataxia (Presenting complaint) | Musculoskeletal system finding, Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17808 | Gait abnormality - lameness (Presenting complaint) | Musculoskeletal system finding, Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17809 | Gait abnormality - other (Presenting complaint) | Musculoskeletal system finding, Nervous system finding | 1 | 0 |
| 0 | 1 | Presenting | 17811 | Haemoptysis (Presenting complaint) | Respiratory system finding | 1 | 0 |
| 0 | 1 | Presenting | 17812 | Halitosis (Presenting complaint) | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17813 | Head tilt (Presenting complaint) | Nervous system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17814 | Hearing impaired/deafness (Presenting complaint) | Auditory system finding, Head and neck finding | 1 | 0 |
| 0 | 1 | Presenting | 17815 | Hirsutism (Presenting complaint) | Haircoat/skin (+ appendages) finding | 1 | 1 |
| 0 | 1 | Presenting | 18032 | Hyphaema (Presenting complaint) | Ophthalmology/vision finding, Cardiovascular system finding, Head and neck finding | 1 | 0 |
| 0 | 1 | Presenting | 17816 | Hypothermia (Presenting complaint) | Body temperature finding | 1 | 1 |
| 0 | 1 | Presenting | 17817 | Icterus (jaundice)(Presenting complaint) | Endocrine/Metabolic finding | 1 | 1 |
| 0 | 1 | Presenting | 21738 | In extremis (Presenting complaint) | Clinical finding | 1 | 0 |
| 0 | 1 | Presenting | 17818 | Incontinence - faecal (Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 1 |
| 0 | 1 | Presenting | 17819 | Incontinence - urinary (Presenting complaint) | Urogenital system finding | 1 | 1 |
| 0 | 1 | Presenting | 17820 | Intoxication (poisoning)/toxin exposure (Presenting complaint) | Clinical finding | 1 | 1 |
| 0 | 1 | Presenting | 18324 | Iris abnormality - mass (Presenting complaint) | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 0 |
| 0 | 1 | Presenting | 18329 | Iris abnormality - other (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 0 | 1 | Presenting | 17821 | Laminitis (Presenting complaint) | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 18335 | Lens abnormality - other (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 0 | 1 | Presenting | 18333 | Lens opacity (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 0 | 1 | Presenting | 17823 | Lethargy (Presenting complaint) | Musculoskeletal system finding | 1 | 1 |
| 0 | 1 | Presenting | 17824 | Loss of balance (Presenting complaint) | Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17825 | Lymphadenomegaly (Presenting complaint) | Lymphatic system finding, Immune system finding, Haematopoietic system finding | 1 | 1 |
| 0 | 1 | Presenting | 17826 | Male reproductive abnormality (Presenting complaint) | Reproductive system finding | 1 | 1 |
| 0 | 1 | Presenting | 17827 | Mass/swelling - abdominal (Presenting complaint) | Mass lesion/swelling finding, Abdominal finding | 1 | 1 |
| 0 | 1 | Presenting | 17828 | Mass/swelling - axilla (Presenting complaint) | Mass lesion/swelling finding, Thoracic finding | 1 | 1 |
| 0 | 1 | Presenting | 17829 | Mass/swelling - ear (aural)(Presenting complaint) | Auditory system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17830 | Mass/swelling - eye (ophthalmic)(Presenting complaint) | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17831 | Mass/swelling - eyelid (Presenting complaint) | Ophthalmology/vision finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17832 | Mass/swelling - facial (site unspecified)(Presenting complaint) | Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17833 | Mass/swelling - facial, lip (Presenting complaint) | Alimentary tract/Digestive system finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17834 | Mass/swelling - gingival (gum)(Presenting complaint) | Alimentary tract/Digestive system finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17835 | Mass/swelling - jaw (site unspecified)(Presenting complaint) | Musculoskeletal system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17836 | Mass/swelling - jaw, mandible (Presenting complaint) | Musculoskeletal system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17837 | Mass/swelling - jaw, maxilla (Presenting complaint) | Musculoskeletal system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17838 | Mass/swelling - joint (Presenting complaint) | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17839 | Mass/swelling - limb, lower (Presenting complaint) | Limb finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17840 | Mass/swelling - limb, upper (Presenting complaint) | Limb finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17841 | Mass/swelling - lymph node (Presenting complaint) | Lymphatic system finding, Immune system finding, Haematopoietic system finding | 1 | 1 |
| 0 | 1 | Presenting | 17842 | Mass/swelling - mammary (Presenting complaint) | Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17843 | Mass/swelling - musculoskeletal (Presenting complaint) | Musculoskeletal system finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17844 | Mass/swelling - neck (cervical) (Presenting complaint) | Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17845 | Mass/swelling - nose (nasal), nasal planum (Presenting complaint) | Respiratory system finding, Mass lesion/swelling finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17846 | Mass/swelling - oral (mouth) (Presenting complaint) | Alimentary tract/Digestive system finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17847 | Mass/swelling - other (Presenting complaint) | Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17849 | Mass/swelling - penile (Presenting complaint) | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17850 | Mass/swelling - perianal (Presenting complaint) | Mass lesion/swelling finding, Perianal finding | 1 | 1 |
| 0 | 1 | Presenting | 17851 | Mass/swelling - prepuce (Presenting complaint) | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17852 | Mass/swelling - scrotal (Presenting complaint) | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17853 | Mass/swelling - skin (cutaneous)/subcutaneous (site unspecified)(Presenting complaint) | Haircoat/skin (+ appendages) finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17854 | Mass/swelling - skin (cutaneous)/subcutaneous, digit (Presenting complaint) | Haircoat/skin (+ appendages) finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17855 | Mass/swelling - skin (cutaneous)/subcutaneous, perianal (Presenting complaint) | Haircoat/skin (+ appendages) finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 0 |
| 0 | 1 | Presenting | 17856 | Mass/swelling - testicular (Presenting complaint) | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17857 | Mass/swelling - tongue (lingual) (Presenting complaint) | Alimentary tract/Digestive system finding, Soft tissue finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17858 | Mass/swelling - vulval (Presenting complaint) | Urogenital system finding, Reproductive system finding, Mass lesion/swelling finding | 1 | 1 |
| 0 | 1 | Presenting | 17859 | Mentation altered - anxious/distressed (Presenting complaint) | Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17860 | Mentation altered - comatose (Presenting complaint) | Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17861 | Mentation altered - depressed (Presenting complaint) | Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17862 | Mentation altered - stuporous (Presenting complaint) | Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 21742 | Misalliance (mismatching)(Presenting complaint) | Reproductive system finding | 1 | 0 |
| 0 | 1 | Presenting | 17863 | Moribund (Presenting complaint) | Clinical finding | 1 | 1 |
| 0 | 1 | Presenting | 17864 | Mucous membranes abnormal - cyanosed (Presenting complaint) | Soft tissue finding, Endocrine/Metabolic finding | 1 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|------------|------------------------|--|---|--------------|--------|
| 0 | 1 | Presenting | 17865 | Mucous membranes abnormal - hyperaemic (Presenting complaint) | Soft tissue finding, Cardiovascular system finding | 1 | 1 |
| 0 | 1 | Presenting | 17866 | Mucous membranes abnormal - other (Presenting complaint) | Soft tissue finding | 1 | 1 |
| 0 | 1 | Presenting | 17868 | Mucous membranes abnormal - pale (Presenting complaint) | Soft tissue finding | 1 | 1 |
| 0 | 1 | Presenting | 17869 | Muscular atrophy - head (Presenting complaint) | Musculoskeletal system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17870 | Muscular atrophy - limb (Presenting complaint) | Musculoskeletal system finding, Limb finding | 1 | 1 |
| 0 | 1 | Presenting | 17871 | Muscular atrophy - other (Presenting complaint) | Musculoskeletal system finding | 1 | 0 |
| 0 | 1 | Presenting | 17873 | Musculoskeletal injury (Presenting complaint) | Musculoskeletal system finding, Traumatic episode finding | 1 | 1 |
| 0 | 1 | Presenting | 21112 | Nail/claw injury (Presenting complaint) | Haircoat/skin (+ appendages) finding, Traumatic episode finding, Limb finding | 1 | 0 |
| 0 | 1 | Presenting | 21110 | Neonatal problem (Presenting complaint) | Clinical finding | 1 | 1 |
| 0 | 1 | Presenting | 17874 | NOT PRESENTED FOR A COMPLAINT (Presenting complaint) | Clinical finding | 1 | 0 |
| 0 | 1 | Presenting | 17875 | Nystagmus (Presenting complaint) | Ophthalmology/vision finding, Nervous system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17876 | Obesity (Presenting complaint) | Weight/Body condition finding | 1 | 1 |
| 0 | 1 | Presenting | 17877 | Ophthalmic (eye) abnormality (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17879 | Ophthalmic (eye) injury (Presenting complaint) | Ophthalmology/vision finding, Traumatic episode finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17881 | Oral (mouth) abnormality - other (Presenting complaint) | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 0 |
| 0 | 1 | Presenting | 17882 | Oral (mouth) abnormality - ulceration (Presenting complaint) | Alimentary tract/Digestive system finding, Inflammatory disorder finding | 1 | 0 |
| 0 | 1 | Presenting | 17883 | Oral (mouth) injury (Presenting complaint) | Alimentary tract/Digestive system finding, Traumatic episode finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 21789 | Overgrooming (excessive grooming)(Presenting complaint) | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 0 | 1 | Presenting | 17884 | Pain - abdominal (Presenting complaint) | Nervous system finding, Abdominal finding | 1 | 1 |
| 0 | 1 | Presenting | 17885 | Pain - aural (ear) (Presenting complaint) | Nervous system finding, Auditory system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17886 | Pain - musculoskeletal (Presenting complaint) | Nervous system finding, Musculoskeletal system finding | 1 | 1 |
| 0 | 1 | Presenting | 17887 | Pain - neck (cervical) (Presenting complaint) | Nervous system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17888 | Pain - on being handled (Presenting complaint) | Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17889 | Pain - on eating/chewing (Presenting complaint) | Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17890 | Pain - ophthalmic (eye) (Presenting complaint) | Nervous system finding, Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17891 | Pain - oral (mouth) (Presenting complaint) | Nervous system finding, Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17892 | Pain - other (Presenting complaint) | Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17894 | Pain - spinal (Presenting complaint) | Nervous system finding, Musculoskeletal system finding, Spine (vertebrae) finding | 1 | 1 |
| 0 | 1 | Presenting | 17895 | Panting (Presenting complaint) | Respiratory system finding | 1 | 1 |
| 0 | 1 | Presenting | 17896 | Paresis/paralysis (Presenting complaint) | Nervous system finding, Musculoskeletal system finding, Limb finding | 1 | 1 |
| 0 | 1 | Presenting | 17897 | Paronychia (Presenting complaint) | Haircoat/skin (+ appendages) finding, Inflammatory disorder finding, Limb finding | 1 | 0 |
| 0 | 1 | Presenting | 21850 | PARTURITION (WHELPING / BIRTHING) CHECK appointment (Presenting complaint) | Clinical finding | 1 | 0 |
| 0 | 1 | Presenting | 17899 | Penile/preputial abnormality – other (Presenting complaint) | Urogenital system finding, Reproductive system finding | 1 | 0 |
| 0 | 1 | Presenting | 17900 | Penile/preputial abnormality – paraphimosis (Presenting complaint) | Urogenital system finding, Reproductive system finding | 1 | 0 |
| 0 | 1 | Presenting | 17901 | Polydipsia (Presenting complaint) | Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17902 | Polyphagia/ravenous appetite (Presenting complaint) | Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17903 | Polyuria (Presenting complaint) | Urogenital system finding | 1 | 1 |
| 0 | 1 | Presenting | 17904 | Polyuria/polydipsia (Presenting complaint) | Urogenital system finding, Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17905 | Poor performance (Presenting complaint) | Musculoskeletal system finding | 1 | 1 |
| 0 | 1 | Presenting | 17906 | Poor quality of life (Presenting complaint) | Clinical finding | 1 | 1 |
| 0 | 1 | Presenting | 17907 | Post-operative complication - other (Presenting complaint) | Complication of medical care finding | 1 | 1 |
| 0 | 1 | Presenting | 17908 | Post-operative complication - wound related (Presenting complaint) | Complication of medical care finding, Wound finding | 1 | 1 |
| 0 | 1 | Presenting | 17909 | Posture abnormal - low head carriage (Presenting complaint) | Musculoskeletal system finding, Head and neck finding | 1 | 0 |
| 0 | 1 | Presenting | 17910 | Posture abnormal - other (Presenting complaint) | Musculoskeletal system finding | 1 | 1 |
| 0 | 1 | Presenting | 17911 | Presented for investigation of abnormal test result (Presenting complaint) | Clinical finding | 1 | 0 |
| 0 | 1 | Presenting | 17912 | Presented for radioactive iodine treatment (Presenting complaint) | Clinical finding | 1 | 0 |
| 0 | 1 | Presenting | 17913 | Presented for specific therapeutic intervention (Presenting complaint) | Clinical finding | 1 | 1 |
| 0 | 1 | Presenting | 17914 | Presenting complaint not listed (Presenting complaint) | Clinical finding | 1 | 0 |
| 0 | 1 | Presenting | 17915 | Pruritus (Presenting complaint) | Haircoat/skin (+ appendages) finding, Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17916 | Pupillary abnormality - anisocoria (Presenting complaint) | Ophthalmology/vision finding, Nervous system finding, Head and neck finding | 1 | 0 |
| 0 | 1 | Presenting | 17919 | Pupillary abnormality - other (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 0 | 1 | Presenting | 17920 | Pyrexia/hyperthermia (Presenting complaint) | Body temperature finding | 1 | 1 |
| 0 | 1 | Presenting | 17921 | Recumbency/reluctance to move (Presenting complaint) | Musculoskeletal system finding | 1 | 1 |
| 0 | 1 | Presenting | 17922 | Red eye (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17923 | RE-EXAMINATION appointment (Presenting complaint) | Clinical finding | 1 | 1 |
| 0 | 1 | Presenting | 17924 | Regurgitation (Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 1 |
| 0 | 1 | Presenting | 17925 | Respiratory noise increased (Presenting complaint) | Respiratory system finding | 1 | 1 |
| 0 | 1 | Presenting | 17926 | Salivation - increased/drooling (Presenting complaint) | Alimentary tract/Digestive system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17927 | Seizure(s) (Presenting complaint) | Nervous system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17928 | Skeletal abnormality - acquired (Presenting complaint) | Musculoskeletal system finding | 1 | 0 |
| 0 | 1 | Presenting | 17929 | Skeletal abnormality - congenital (Presenting complaint) | Musculoskeletal system finding, Congenital finding | 1 | 0 |
| 0 | 1 | Presenting | 17930 | Skin (cutaneous) abnormality – eruptions/hives/rash (Presenting complaint) | Haircoat/skin (+ appendages) finding | 1 | 1 |
| 0 | 1 | Presenting | 17931 | Skin (cutaneous) abnormality – other (Presenting complaint) | Haircoat/skin (+ appendages) finding | 1 | 1 |
| 0 | 1 | Presenting | 17933 | Sneezing (Presenting complaint) | Respiratory system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17934 | Stertor (snoring) (Presenting complaint) | Respiratory system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17935 | Stiffness (Presenting complaint) | Musculoskeletal system finding | 1 | 1 |
| 0 | 1 | Presenting | 17936 | Strabismus (Presenting complaint) | Ophthalmology/vision finding, Nervous system finding, Head and neck finding | 1 | 0 |
| 0 | 1 | Presenting | 17937 | Stridor (Presenting complaint) | Respiratory system finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17938 | Tachypnoea (Presenting complaint) | Respiratory system finding | 1 | 1 |
| 0 | 1 | Presenting | 17939 | Testicular/scrotal abnormality (Presenting complaint) | Urogenital system finding, Reproductive system finding | 1 | 0 |
| 0 | 1 | Presenting | 21718 | Thin (underweight)(Presenting complaint) | Weight/Body condition finding | 1 | 1 |
| 0 | 1 | Presenting | 17941 | Thirst decreased (Presenting complaint) | Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 17942 | Traumatic episode (Presenting complaint) | Clinical finding | 1 | 1 |
| 0 | 1 | Presenting | 17943 | Tremors/shaking/trembling (Presenting complaint) | Nervous system finding | 1 | 1 |
| 0 | 1 | Presenting | 21795 | Undergrooming (Presenting complaint) | Haircoat/skin (+ appendages) finding | 1 | 0 |
| 0 | 1 | Presenting | 17945 | Urination abnormal - dysuria (Presenting complaint) | Urogenital system finding | 1 | 1 |
| 0 | 1 | Presenting | 17946 | Urination abnormal - inappropriate urination (Presenting complaint) | Urogenital system finding | 1 | 0 |
| 0 | 1 | Presenting | 17947 | Urination abnormal - oliguria (Presenting complaint) | Urogenital system finding | 1 | 1 |
| 0 | 1 | Presenting | 17948 | Urination abnormal - other (Presenting complaint) | Urogenital system finding | 1 | 1 |
| 0 | 1 | Presenting | 17949 | Urination abnormal - pollakiuria (Presenting complaint) | Urogenital system finding | 1 | 1 |
| 0 | 1 | Presenting | 21744 | Urination abnormal - stranguria (Presenting complaint) | Urogenital system finding | 1 | 1 |
| 0 | 1 | Presenting | 17950 | Urine colour abnormal (Presenting complaint) | Urogenital system finding | 1 | 1 |
| 0 | 1 | Presenting | 21174 | Urine spraying (Presenting complaint) | Urogenital system finding | 1 | 0 |
| 0 | 1 | Presenting | 17951 | Uveal abnormality (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 0 |
| 0 | 1 | Presenting | 17952 | Vision impaired (Presenting complaint) | Ophthalmology/vision finding, Head and neck finding | 1 | 1 |
| 0 | 1 | Presenting | 17953 | Vocalisation (Presenting complaint) | Nervous system finding | 1 | 0 |
| 0 | 1 | Presenting | 17955 | Vomiting - haematemesis (Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 0 |
| 0 | 1 | Presenting | 17956 | Vomiting - other (Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 0 |
| 0 | 1 | Presenting | 21867 | Vomiting (chronicity unspecified)(Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 0 |
| 0 | 1 | Presenting | 21869 | Vomiting, acute (Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 0 |
| 0 | 1 | Presenting | 21871 | Vomiting, chronic (Presenting complaint) | Alimentary tract/Digestive system finding | 1 | 0 |
| 0 | 1 | Presenting | 17957 | Weakness (Presenting complaint) | Musculoskeletal system finding | 1 | 1 |
| 0 | 1 | Presenting | 17958 | Weight gain (Presenting complaint) | Weight/Body condition finding | 1 | 1 |
| 0 | 1 | Presenting | 17959 | Weight loss (Presenting complaint) | Weight/Body condition finding | 1 | 1 |
| 0 | 1 | Presenting | 17960 | Wound (Presenting complaint) | Clinical finding | 1 | 1 |
| U | 1 | Procedure | 3720 | Anti-parasitic therapy - injectable medication | Administration of therapeutic substance | 1 | 1 |
| U | 1 | Procedure | 3721 | Anti-parasitic therapy - oral medication | Administration of therapeutic substance | 1 | 1 |
| U | 1 | Procedure | 3722 | Anti-parasitic therapy - topical medication | Administration of therapeutic substance | 1 | 1 |
| U | 1 | Procedure | 3723 | Anti-travel sickness therapy - oral medication | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22442 | Artificial insemination | Non-surgical procedure, Reproductive system procedure | 0 | 1 |

| Referral | Non-referral | Label | Database Dictionary Id | Term name | Top level modelling | Small Animal | Equine |
|----------|--------------|-------------|------------------------|---|--|--------------|--------|
| U | 1 | Procedure | 3726 | Behaviour management - delmadinone acetate (Tardak) administration | Behaviour management, Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22441 | Breeding soundness examination | #NAME? | 0 | 1 |
| U | 1 | Procedure | 4722 | Caesarean section - elective procedure | Soft Tissue surgical procedure, Elective surgical procedure, Reproductive system procedure | 1 | 0 |
| U | 1 | Procedure | 4721 | Caesarean section - for dystocia | Soft Tissue surgical procedure, Reproductive system procedure, Abdominal surgery | 1 | 1 |
| U | 1 | Procedure | 22438 | Castration - standing | Soft Tissue surgical procedure, Reproductive system procedure, Urogenital surgery | 0 | 1 |
| U | 1 | Procedure | 22437 | Castration - under general anaesthesia | Soft Tissue surgical procedure, Reproductive system procedure, Urogenital surgery | 0 | 1 |
| U | 1 | Procedure | 22436 | Castration (type unspecified) | Soft Tissue surgical procedure, Reproductive system procedure, Urogenital surgery | 0 | 1 |
| U | 1 | Procedure | 5784 | Dematt | Non-surgical procedure | 1 | 0 |
| U | 1 | Procedure | 6973 | Elective (legal) tail docking | Soft Tissue surgical procedure, Tail procedure | 1 | 0 |
| U | 1 | Procedure | 6972 | Elective dew claw removal | Soft Tissue surgical procedure, Haircoat/skin (+ appendages) procedure | 1 | 0 |
| U | 1 | Procedure | 3728 | Elective neutering - castration | Soft Tissue surgical procedure, Elective surgical procedure, Reproductive system procedure | 1 | 0 |
| U | 1 | Procedure | 3729 | Elective neutering - ovariectomy (spay, "spay") | Soft Tissue surgical procedure, Elective surgical procedure, Reproductive system procedure | 1 | 0 |
| U | 1 | Procedure | 11171 | Elective neutering - vasectomy | Soft Tissue surgical procedure, Elective surgical procedure, Reproductive system procedure | 1 | 0 |
| U | 1 | Procedure | 22476 | Embryo transfer | Non-surgical procedure, Reproductive system procedure | 0 | 1 |
| U | 1 | Procedure | 22430 | Examination for insurance | Examination procedure | 0 | 1 |
| U | 1 | Procedure | 22431 | General health check/ 'MOT' | Examination procedure | 0 | 1 |
| U | 1 | Procedure | 3727 | ID chip insertion | Non-surgical procedure | 1 | 1 |
| U | 1 | Procedure | 22439 | JMB height measurement | Non-surgical procedure | 0 | 1 |
| U | 1 | Procedure | 22383 | Ovulation assessment | Non-surgical procedure, Reproductive system procedure | 1 | 1 |
| U | 1 | Procedure | 22477 | Pregnancy diagnosis | Non-surgical procedure, Reproductive system procedure | 1 | 1 |
| U | 1 | Procedure | 22434 | Pre-purchase examination (PPE)/Vetting - 2 stage | Examination procedure | 0 | 1 |
| U | 1 | Procedure | 22435 | Pre-purchase examination (PPE)/Vetting - 5 stage | Examination procedure | 0 | 1 |
| U | 1 | Procedure | 22433 | Pre-purchase examination (PPE)/Vetting (type unspecified) | Examination procedure | 0 | 1 |
| U | 1 | Procedure | 3719 | Rabies serum antibody titre measurement - pre-travel | Laboratory procedure | 1 | 0 |
| U | 1 | Procedure | 22384 | Season postponement | Non-surgical procedure, Reproductive system procedure | 1 | 1 |
| U | 1 | Procedure | 22403 | Sedation for clipping | Sedation procedure | 1 | 1 |
| U | 1 | Procedure | 22400 | Sedation for Equine Dental Technician (EDT) | Sedation procedure | 0 | 1 |
| U | 1 | Procedure | 22401 | Sedation for farrier | Sedation procedure | 0 | 1 |
| U | 1 | Procedure | 22402 | Sedation for physiotherapy | Sedation procedure | 0 | 1 |
| U | 1 | Procedure | 22386 | Vaccination - African Horse Sickness (AHS) | Administration of therapeutic substance | 0 | 1 |
| U | 1 | Procedure | 22354 | Vaccination - Bordetella | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22355 | Vaccination - Calicivirus | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22356 | Vaccination - Chlamydia | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22357 | Vaccination - Coronavirus | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22358 | Vaccination - DHP | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22359 | Vaccination - DHPCv | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22360 | Vaccination - DHPL | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22361 | Vaccination - DHPPi | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22362 | Vaccination - DHPPiCv | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22363 | Vaccination - DHPPiL | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22364 | Vaccination - DHPPiLcV | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22365 | Vaccination - Distemper | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22368 | Vaccination - EHV-1, 4 | Administration of therapeutic substance | 0 | 1 |
| U | 1 | Procedure | 22391 | Vaccination - Equine influenza | Administration of therapeutic substance | 0 | 1 |
| U | 1 | Procedure | 22393 | Vaccination - Equine influenza and Tetanus | Administration of therapeutic substance | 0 | 1 |
| U | 1 | Procedure | 22389 | Vaccination - EVA | Administration of therapeutic substance | 0 | 1 |
| U | 1 | Procedure | 22366 | Vaccination - Feline infectious peritonitis (FIP) | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22367 | Vaccination - FeLV | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22368 | Vaccination - FIV | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22369 | Vaccination - Giardia lamblia | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22370 | Vaccination - HVD | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22371 | Vaccination - Infectious canine tracheobronchitis (Bordetellosis, Kennel cough) | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22372 | Vaccination - Leptospira only | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22373 | Vaccination - Lyme disease | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22374 | Vaccination - Measles/Distemper combined | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22375 | Vaccination - Myxomatosis | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22376 | Vaccination - Panleucopaenia/Calicivirus | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22377 | Vaccination - Panleucopaenia/Calicivirus/FeLV | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22378 | Vaccination - Parvovirus only | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22379 | Vaccination - PiL | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22380 | Vaccination - Porphyromonas | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22381 | Vaccination - Rabies | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22382 | Vaccination - Rattlesnake | Administration of therapeutic substance | 1 | 0 |
| U | 1 | Procedure | 22394 | Vaccination - Rotavirus | Administration of therapeutic substance | 0 | 1 |
| U | 1 | Procedure | 22395 | Vaccination - Strep. equi equi (Strangles) | Administration of therapeutic substance | 0 | 1 |
| U | 1 | Procedure | 22396 | Vaccination - Tetanus | Administration of therapeutic substance | 0 | 1 |
| U | 1 | Procedure | 22397 | Vaccination - West Nile Virus (WNV) | Administration of therapeutic substance | 0 | 1 |
| U | 1 | Procedure | 22385 | Vaccination (type unspecified) | Administration of therapeutic substance | 1 | 1 |
| U | 1 | Administrat | 15543 | Admin task - Admission for medical care (includes procedures) with hospitalisation | | 1 | 0 |
| U | 1 | Administrat | 15545 | Admin task - Admission for medical care (includes procedures) without hospitalisation | | 1 | 0 |
| U | 1 | Administrat | 9643 | Admin task - Boarding discharge | | 1 | 0 |
| U | 1 | Administrat | 21629 | Admin task - Cremation - Communal/Individual | | 1 | 0 |
| U | 1 | Administrat | 7493 | Admin task - Estimate | | 1 | 0 |
| U | 1 | Administrat | 7494 | Admin task - Export certificate | | 1 | 0 |
| U | 1 | Administrat | 21846 | Admin task - Feral/Stray animal | | 1 | 0 |
| U | 1 | Administrat | 15547 | Admin task - Hospitalisation | | 1 | 1 |
| U | 1 | Administrat | 8320 | Admin task - Insurance form | | 1 | 0 |
| U | 1 | Administrat | 21630 | Admin task - Microchip (ID chip) failure | | 1 | 0 |
| U | 1 | Administrat | 9492 | Admin task - New client | | 1 | 0 |
| U | 1 | Administrat | 9510 | Admin task - New patient | | 1 | 0 |
| U | 1 | Administrat | 7495 | Admin task - Non-prescription diet sale | | 1 | 0 |
| U | 1 | Administrat | 18122 | Admin task - Opt out of data sharing | | 1 | 1 |
| U | 1 | Administrat | 7500 | Admin task - other | | 1 | 0 |
| U | 1 | Administrat | 7496 | Admin task - Pet accessory/Non-prescription item sale | | 1 | 0 |
| U | 1 | Administrat | 7497 | Admin task - PETS scheme passport | | 1 | 0 |
| U | 1 | Administrat | 7498 | Admin task - Phone conversation | | 1 | 0 |
| U | 1 | Administrat | 7499 | Admin task - Prescription diet sale | | 1 | 0 |
| U | 1 | Administrat | 22746 | Export licence | | 0 | 1 |
| U | 1 | Administrat | 22747 | Passport application | | 0 | 1 |
| U | 1 | Administrat | 22748 | Welfare call-out | | 0 | 1 |
| U | 1 | Physical ex | 9596 | Health (Wellness) check - no abnormalities detected | | 1 | 1 |



Four navigation tiles with images and labels:

- For Practices**: Image of a vet examining a dog.
- For Owners**: Image of a horse's head.
- Research Projects**: Image of a dog's head.
- Learn Zone**: Image of a cat standing on its hind legs.



Home / VetCompass / Learn Zone / Interactive Resources / UK demographic information on UK pets

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- About
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Infographics - Demographic information on UK pets

Select a species from the drop-down menu and a region on the map to see a breakdown of species-specific demographic information for pets in Scotland, Wales, Northern Ireland, Northern England, Midland England, South West England or South East England.

Cats

VetCompass Infographics

Three infographic options:

- Demographic information on UK pets (with map icon)
- Disease prevalence data for UK pet dogs (with dog icon)
- Disease prevalence data for UK pet cats (with cat icon)

Infographics - Demographic information on UK pets

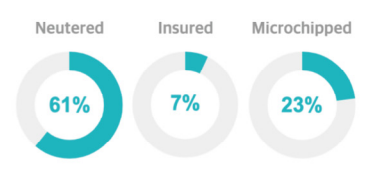
Select a species from the drop-down menu and a region on the map to see a breakdown of species-specific demographic information for pets in Scotland, Wales, Northern Ireland, Northern England, Midland England, South West England or South East England.

Cats

Total: 588186



| | |
|---------|--------|
| Male | 275755 |
| Female | 297874 |
| Unknown | 14557 |



Top 5 Breeds

1. Domestic cat
2. No VeNom breed identified
3. British Short Hair
4. Crossbred-purebred
5. Persian

Infographics - Demographic information on UK pets

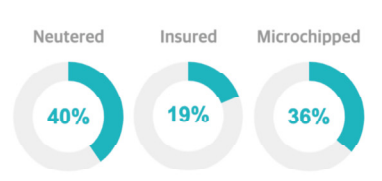
Select a species from the drop-down menu and a region on the map to see a breakdown of species-specific demographic information for pets in Scotland, Wales, Northern Ireland, Northern England, Midland England, South West England or South East England.

Dogs

Total: 871083



| | |
|---------|--------|
| Male | 438142 |
| Female | 414813 |
| Unknown | 18128 |



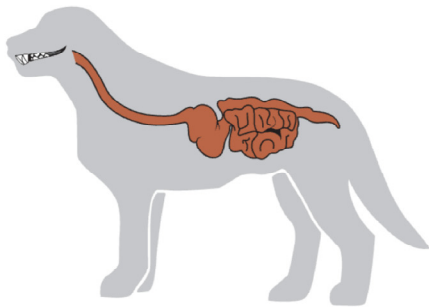
Top 5 Breeds

1. Crossbreed
2. Labrador Retriever
3. Staffordshire Bull Terrier
4. Jack Russell Terrier
5. Yorkshire Terrier

Infographics - Disease prevalence data for UK pet dogs

Select a body region or system from the menu to see how frequently the most common disorders were recorded in a random sample of 3884 dogs attending 89 participating clinics over a four year period (1st September 2009 to 31st March 2013)*

Gastrointestinal



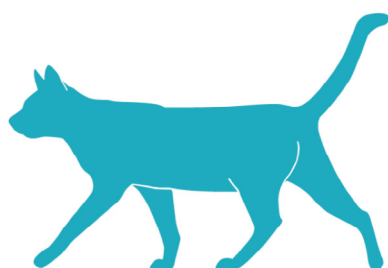
Per 1000 animals

| | |
|---|-------|
| Periodontal disease | 92.90 |
| Anal sac impaction | 71.30 |
| Diarrhoea | 64.10 |
| Vomiting | 40.90 |
| Gastroenteritis | 25.50 |
| Gastritis | 18.80 |
| Anal sac infection | 16.20 |
| Colitis | 16.20 |
| Retained deciduous tooth | 13.10 |
| Enteritis | 8.80 |
| Dietary indiscretion - foreign body ingestion | 6.20 |
| Canine haemorrhagic gastroenteritis (HGE) | 5.90 |
| Dental (tooth) disease | 5.70 |
| Pancreatitis | 5.70 |
| Epulis | 5.10 |
| Incontinence - faecal | 4.60 |
| Foreign body - oral (mouth) | 3.90 |
| Nematode (roundworm) infestation | 3.90 |
| Halitosis | 3.10 |
| Mass lesion - oral cavity | 2.80 |
| Inflammatory bowel disease (IBD) | 2.60 |

Infographics - Disease prevalence data for UK pet cats

Select a body region or system from the menu to see how frequently the most common disorders were recorded in a random sample of 3584 cats (of a total 142,576) attending 91 participating clinics across Central and South-East England from 1 September 2009 to 15 January 2014*

Overall



Per 1000 animals

| | |
|--|--------|
| Periodontal disease | 139.20 |
| Parasite infestation - fleas | 79.50 |
| Obesity | 66.70 |
| Heart (cardiac) murmur | 49.90 |
| Traumatic injury | 45.80 |
| Nail clip | 36.80 |
| Renal (kidney) failure - chronic | 36.30 |
| Bite injury - cat bite | 36.00 |
| Abscess | 32.10 |
| Abscess - Cat bite abscess (CBA) | 31.50 |
| Conjunctivitis | 30.10 |
| Hyperthyroidism | 29.60 |
| Vomiting | 29.00 |
| Urinary tract infection (UTI) | 26.50 |
| Diarrhoea finding | 26.20 |
| Haircoat finding | 25.40 |
| Wound | 22.90 |
| Osteoarthritis (osteoarthritis, degenerative joint disease (DJD)) | 20.40 |
| Hypersensitivity (allergic) skin disorder - flea bite hypersensitivity | 19.00 |
| Dental (tooth) disease | 17.00 |
| Laceration finding | 14.00 |



동물병원 진료 표준화 방안 마련 결과보고서

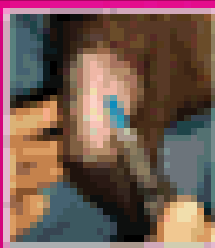
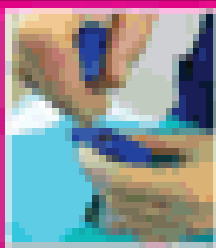
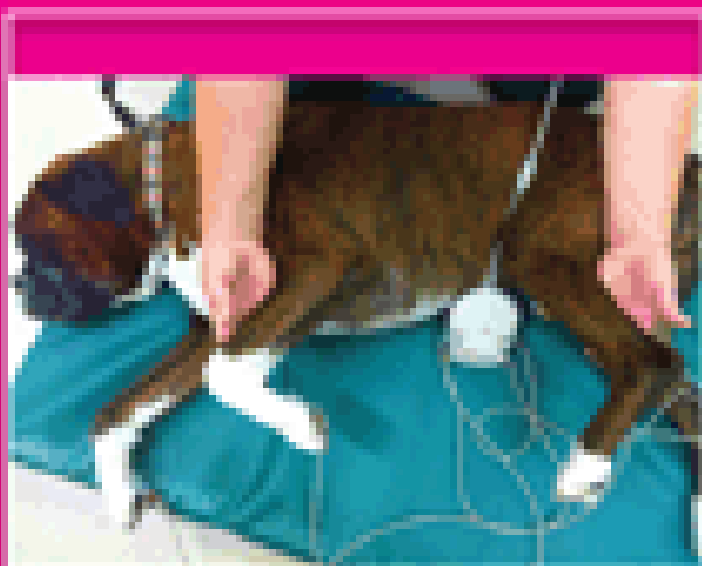
첨부자료 4

영국 수의사회 수의학 처치 가이드라인과
미국 소동물 외과 처치 목록(외과전문의)



농림축산식품부

Aseptic preparation – (b) surgical procedures



BSAVA Guide to
Procedures
in Small Animal
Practice
2nd edition

Nick Bealfield
and Karla Lee



From: BSAVA Guide to Procedures in Small Animal Practice

Item: Procedures A to Z, pp 48 - 51

DOI: 10.22233/9781905319831.2.6

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Publication Date: January 2014

Foreword

The first edition of the *BSAVA Guide to Procedures in Small Animal Practice* (2010) has proven to be one of the most popular BSAVA membership benefits and has become a key practice reference source in hard copy, pdf or app format.

Editors Nick Bexfield and Karla Lee have worked tirelessly to produce this updated second edition of the 'procedures guide'. This new edition continues to offer practitioners very practical, step-by-step guidance on how to perform the most important diagnostic and therapeutic procedures in small animal practice.

The second edition has a new, eye-catching and user-friendly design, including the use of full colour photographs. New techniques featured include how to perform the edrophonium response test, gall bladder aspiration, gastric decontamination and peritoneal dialysis. The important guides to body system examinations have been relocated to the front of the book, and the second edition is now fully indexed.

No matter whether you use the guide as a spiral-bound hard copy, or as an app on your mobile device, I am sure that you will continue to find this book an invaluable resource in day-to-day practice.

Professor Michael J. Day
BSc BVMS(Hons) PhD DSc DipECVP FASM FRCPATH FRCVS

BSAVA President 2013–2014

Preface

It is our pleasure to introduce to you the second edition of the *BSAVA Guide to Procedures in Small Animal Practice*, which has been written for veterinary surgeons, veterinary nurses and students. We have been delighted by the success of the first edition, which suggests that this Guide has become the number one reference for step-by-step instructions on diagnostic and therapeutic procedures performed routinely in small animal veterinary practice. The second edition aims to build on this success, to increase the confidence and accuracy with which these procedures are performed, by responding directly to the feedback we have received from the BSAVA readership.

We have reviewed and updated all the procedures in the Guide in line with new editions of BSAVA Manuals and with progress in the field of veterinary medicine. We have consolidated the clinical examination protocols for body systems into a separate dedicated section. New procedures for this edition include the Edrophonium response test, Gall bladder aspiration, Gastric decontamination, Local anaesthesia and Peritoneal dialysis. Many procedures now benefit from the addition of colour diagrams and photographs, to clarify and really bring to life the procedures we describe. And the addition of an Index will make it easier to find just what you are looking for.

We are once again indebted to the innumerable contributors who have written procedures within the BSAVA Manuals on which we have drawn. We are also grateful to our colleagues who have reviewed procedures within this edition, including Dan Chan, Charlotte Dawson, Ed Ives, Elvin Kulendra, Sorrel Langley-Hobbs, Nic Rousset, Joel Silva, An Vanhaesebrouck, Holger Volk and Penny Watson. We are especially grateful to Jaime Viscasillas for his contribution to the Local anaesthesia procedure, which we hope will increase the practice of these important analgesic techniques in clinical practice. We would also like to thank Samantha Elmhurst for her illustrations, and our numerous colleagues who have contributed images or assisted in acquiring them specifically for this Guide. Finally, we would like to thank the Publishing team at BSAVA for their patience and attention to detail, without which this Guide would not have been possible.

Nick Bexfield
Karla Lee

January 2014

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Myung Sun Chun (7146)
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On: Sun, 09 Jun 2019 03:10:47



Indications/Use

- Skin preparation for all surgical procedures

Equipment

- Regularly maintained clean, sharp electric clippers
- Vacuum cleaner
- Cotton wool or soft swabs
- Container to hold used cotton wool or soft swabs
- Tap water
- Appropriate antiseptic
 - For routine preparation of healthy skin, 4% chlorhexidine gluconate or 10% povidone-iodine, used in combination with 70% surgical spirit, is appropriate
 - Chlorhexidine gluconate or povidone-iodine should be avoided in animals with known skin sensitivities to either of these antiseptics
 - Chlorhexidine gluconate is specifically toxic to the conjunctiva, cornea, meninges and middle and inner ear; 0.2% povidone-iodine solution without alcohol is recommended for preparation of the periocular area but must *not* be allowed to contact the cornea; 1% povidone-iodine solution without alcohol is recommended for preparation of the external ear canal for surgery
 - Alcohol has a desiccating effect when applied to mucous membranes and should *not* be used for surgeries close to, or involving, mucous membranes (e.g. intraoral surgery)

NOTE

Sterile applicators containing 2% chlorhexidine gluconate and 70% isopropyl alcohol, designed specifically for skin antisepsis are now available. They should be used according to the manufacturer's recommendations, rather than following the technique below, and can be used for the final skin preparation in the operating theatre.

- The application of antiseptics directly to open wounds is not recommended
- Appropriate sterile skin drapes: these may be well maintained and laundered cloth drapes, or disposable semi-impermeable synthetic drapes
 - 4 sterile field drapes are appropriate for most surgical operations
 - Sterile transparent adherent plastic drapes and sterile skin towels may be used at the veterinary surgeon's discretion
- Sterile towel clamps

Technique

1 Hair removal

- Remove hair from the surgical site with electric clippers.
 - Include margins of at least 15 cm around the proposed surgical incision.
 - Remove clipped hair immediately with a vacuum cleaner.
 - For operations on limbs, clip the entire limb apart from the phalanges. Phalanges should only be clipped when they are included in the surgical field. Wrap the unclipped phalanges and as much of the paw as the surgical site permits in a semi-impermeable, self-adhesive, non-adherent outer bandage material.
2. Skin preparation outside the operating room
- Apply antiseptic of an appropriate concentration to balls of damp cotton wool or soft cotton swabs.
 - Clean the clipped area by applying gentle pressure in a circular motion, beginning at the proposed incision site and working outwards in concentric circles. Use a fresh cotton wool ball or swab each time cleaning is returned to the incision site.
 - Continue cleaning until no dirt can be seen grossly on the cotton wool balls or swabs.
 - For operations including the phalanges, soak the paw in a dilute solution of antiseptic for 3 minutes or until all gross dirt has been removed.
 - Dampen the hair around the clipped area to flatten it away from the surgical site.
3. Patient transfer to the operating room
- Transfer the patient to the operating room.
 - Position the patient appropriately for surgery, using sandbags and ties.
 - For limb operations, the limb is hung from the toes or paw. This is carried out using ropes tied to vertical stands, with top horizontal crossbars that can be raised and lowered.
4. Skin preparation inside the operating room
- Apply antiseptic of an appropriate concentration to balls of damp cotton wool or swabs.
 - Clean the clipped area by applying gentle pressure in a circular motion beginning at the proposed incision site and working outwards in concentric circles. Use a fresh cotton wool ball or swab each time cleaning is returned to the incision site.
 - Continue this scrubbing for at least 3 minutes.
 - Squirt or gently spray surgical spirit on to the surgical site. **NB Do NOT use surgical spirit to prepare surgical sites that include the eyes or mucous membranes.**
5. Draping
- Sterile surgical drapes are placed around the surgical field. Draping should leave exposed only the aseptically prepared skin and cover all hair. Drapes are secured in place with towel clamps placed at each of the four corners of the surgical field and then along the sides of the surgical field as necessary.
 - Sterile surgical skin towels may be attached to the edges of the skin incision using towel clamps following the initial skin incision. Such skin draping has not been shown to decrease the incidence of surgical site infection, but is preferred by some surgeons.
 - A sterile transparent adherent plastic drape may be used to cover skin that is exposed following routine draping. This may decrease the incidence of surgical site infection and is preferred by many surgeons, especially for orthopaedic procedures.
 - For limb operations, a non-scrubbed assistant passes the foot to the surgeon. The surgeon covers the foot with an appropriately sized sterile surgical drape, which is wrapped around the distal limb and secured with a towel clamp. The surgeon avoids contacting the foot directly, so as to remain sterile. The entire distal limb including the towel clamp and drape are wrapped in a semi-impermeable, self-adhesive, non-adherent outer bandage material, which has been sterilized specifically for this purpose. The limb is then held by a sterile surgical assistant, while it is draped using four sterile surgical drapes as above.

NOTE

Draping should be performed by a veterinary surgeon or nurse who has scrubbed their lower arms and hands and is wearing a mask, hat, sterile gloves and gown.

Potential complications

- Clipper rash
- Dermatitis due to idiosyncratic reaction to antiseptic
- Break in asepsis

FURTHER INFORMATION

For more information on Aseptic technique, see the *BSAVA Manual of Canine and Feline Surgical Principles*.

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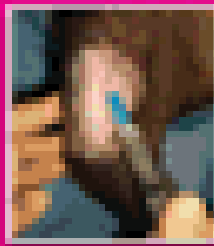
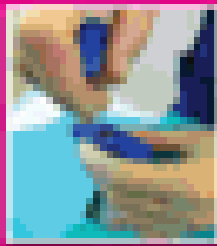
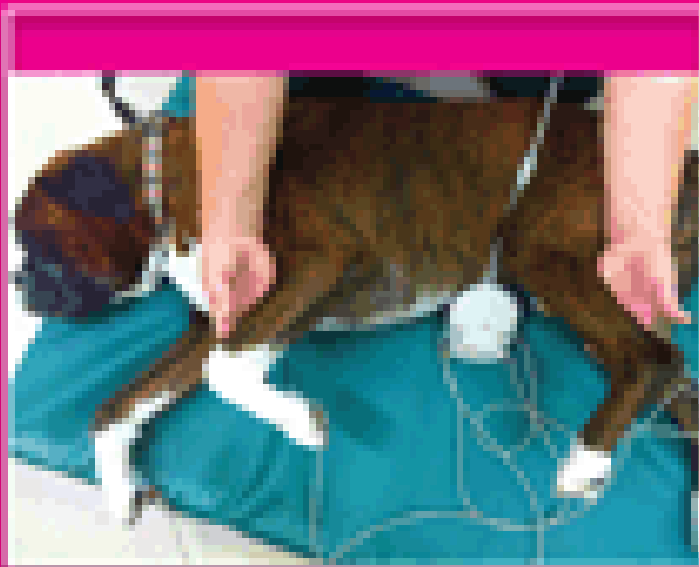
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Cardiorespiratory examination



BSAVA Guide to
Procedures
in Small Animal
Practice
2nd edition

Nick Bealfield
and Karla Lee

BSAVA
Vet
Education

From: BSAVA Guide to Procedures in Small Animal Practice

Item: System examinations, pp 1 - 7

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Indications/Use

- Successful management of the animal with cardiorespiratory disease depends on accurate anatomical localization of disease and efficient diagnostic planning
- Determination of the history of the complaint, assessment of the pattern of breathing, and careful examination and auscultation will assist in determining the differential diagnoses for the cardiorespiratory problems
- It will also aid in selecting appropriate complementary exams, including thoracic radiography, echocardiography, arterial blood gas analysis, **electrocardiography** and **blood pressure measurement**

Equipment

- Stethoscope
- Stopwatch or timer

Indications/Use

Equipment

Patient preparation and positioning

Observation

Patient preparation and positioning

- Assessment should be performed on the conscious animal.
- The patient should be standing if possible; this is particularly important for cardiac auscultation.
- Animals should be kept calm throughout the examination.

Physical examination

Cardiac auscultation

Examination of the thoracic cavity

Observation

WARNING

- **Sternal recumbency, standing with elbows abducted and/or hyperventilating with the neck extended may indicate that the animal has dyspnoea.**

Body condition and shape

- In general, animals with airway-oriented diseases (tracheal collapse, chronic bronchitis, feline bronchial disease) will be in excellent systemic health and have a stable (or often increased) body condition score.
- Animals with parenchymal, pleural or cardiac disease with failure are more likely to be systemically debilitated or cachexic.
- Animals with congenital heart disease may have stunted growth.
- Obesity may be associated with lower airway disease in small breed dogs.
- Animals with chronic hyperpnoea can show barrel-chested changes.



Gait

- Cats with myocardial disease are at risk of systemic thromboembolism and may present with limb paresis.

Breathing pattern

- A visual appraisal of the respiratory pattern is made before the patient is stressed by an examination:
 - Restrictive respiratory diseases, such as pleural effusion and parenchymal disorders (pneumonia or oedema), cause rapid and shallow respiratory motions
 - Obstructive disorders, such as bronchitis, result in slow, deep breathing
 - Assessment of the phase of respiration that is predominantly affected (inspiratory *versus* expiratory) may help to localize obstructive disease:
 - ☐ Increased *expiratory* effort, prolonged expiratory time and abdominal effort on expiration should be considered suggestive of chronic lower airway disease
 - ☐ Increased *inspiratory* effort is suggestive of upper airway disease.

Physical examination

Mucous membrane colour

- Assess the colour of the mucous membranes:
 - Normal mucous membrane colour is pink to pale pink
 - *Pallor* can indicate anaemia, but can also be associated with severe peripheral vasoconstriction in low-output states or conditions of elevated sympathetic tone
 - *Cyanosis* indicates an increased concentration of desaturated haemoglobin, and ranges from slightly 'dusky' in mild cases to nearly navy blue in patients with severe hypoxaemia. Cyanosis is most often seen with severe hypoxaemia resulting from severe respiratory disease, congestive heart failure with pulmonary oedema or pleural effusion and right-to-left congenital shunts
 - Right-to-left (reversed) patent ductus arteriosus may result in differential cyanosis in which the cyanosis is only detected in the caudal half of the body
 - *Congested or Injected mucous membranes* occur with polycythaemia, systemic (toxaemia or septicæmia) or local inflammation, venous congestion, fever or exercise
 - *Cherry red* mucous membranes are seen in carbon monoxide toxicity.

Capillary refill time (CRT)

- 1 Apply pressure to the gum with a clean finger and then release.
 - 2 This will cause blanching of the area.
 - 3 The area should return to its normal colour within 1–2 seconds.
- An *increased CRT* (>2 seconds) indicates poor peripheral perfusion. Causes include low cardiac output, shock, dehydration or hypovolaemia.
 - Patients in pain, with septic shock or with fever may demonstrate a *decreased CRT* (<1 second).



Figure 1 Physical examination



Jugular veins

- Visually inspect both jugular veins for distension and pulsation.
- In long-haired animals, it is possible to get an impression of jugular venous distension without clipping the hair if the coat is wetted with spirit.
- Jugular pulsation should not extend higher than one third of the neck in healthy standing dogs.

Distension

- In the absence of a cranial mediastinal mass or obstruction of the cranial vena cava, distension of the jugular veins indicates elevation of right atrial pressures.
- For animals with only a mild increase in right-sided pressure, compression of the cranial abdomen may increase venous return to the right heart sufficiently to cause temporary jugular distension ('hepatojugular reflux'). The distension resolves when the abdominal pressure is released.

Pulsation

- Jugular *pulsation* may be prominent with tricuspid regurgitation, pericardial disease, and when atrial contraction occurs against a non-compliant or restricted ventricle or a closed tricuspid valve during rhythm disturbances.

Peripheral pulse

- Suitable sites for monitoring the pulse include the following.



Femoral artery on medial aspect of femur



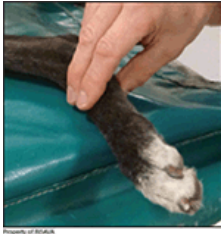
Digital artery on palmar aspect of carpus



Coccygeal artery on ventral aspect of tail base

Dorsal pedal artery just distal to tarsus, between 2nd and 3rd metatarsals






1. Locate the artery with the fingertips.
 2. Assess the pulse character, rate and rhythm.
 3. Compare the pulse rate with the heart rate, preferably by simultaneous auscultation, to determine the presence of any pulse deficit.
 4. Assess pulse on both sides for asymmetry.
- Weak pulses may reflect poor stroke volume or increased peripheral resistance.
 - Strong pulses reflect an increased difference between diastolic and systolic pressure. Causes include: patent ductus arteriosus, severe aortic insufficiency and hyperthyroidism (cats).
 - Detectable variations of the pulse quality with respiration (pulsus paradoxus) are usually associated with cardiac tamponade.
 - Pulses may be absent or asymmetrical in patients with systemic thromboembolism.

Abdominal palpation

1. Assess the size of the liver:
 - Liver enlargement will accompany right-sided heart failure in dogs
 - The liver may be more palpable than usual in some cats with severe hyperpnoea and air trapping.
2. Assess the size of the kidneys:
 - Small, irregularly shaped kidneys may be associated with systemic hypertension
 - This should prompt **blood pressure measurement**.
3. Assess for the presence of abdominal effusion:
 - Small abdominal effusions may be appreciated as 'slipperiness' of the small intestines
 - Larger ascitic effusions are unmistakable on percussion of a fluid thrill.

Cardiac auscultation

Heart rate

- Heart rate can be helpful in differentiating cardiac from respiratory disease in dogs where respiratory disease is associated with elevated vagal tone, leading to an exaggerated respiratory sinus arrhythmia.
- Dogs with chronic heart failure are more likely to have increased sympathetic tone and an increased heart rate, although the degree of tachycardia may be modest.
- Care should be taken not to place too much reliance on heart rate in brachycephalic dogs with suspected heart failure, as concurrent airway obstruction may cause sufficient elevation in vagal tone that sinus arrhythmia persists despite overt heart failure.
- Cats do not always develop a consistent tachycardia with heart failure, and may be more likely than dogs to develop sinus bradycardia with life-threatening congestive failure signs. 

Heart rhythm

- Normal dogs will have:

- A regular heart rhythm
- OR a sinus arrhythmia, where heart rate speeds up with inspiration and then slows with expiration.
- Cats normally have a regular heart rhythm.
- Bradyarrhythmias can be recognized by a slow heart rate.
- Atrial fibrillation sounds characteristically 'chaotic' on auscultation, but can still be confused with frequent atrial or ventricular premature beats.

Intensity of heart sounds

- Two heart sounds (S1 and S2) are normally heard in dogs and cats:

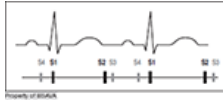


Figure 2 Two heart sounds are normally heard in dogs and cats

- S1 occurs after closure of the atrioventricular valves, and is heard loudest at the apex of the heart
- S2 occurs after closure of the aortic and pulmonic valves, and is heard loudest at the base of the heart.
- High cardiac output states, cardiac enlargement, thin body condition and increased sympathetic tone can *increase* the intensity of heart sounds.
- Pericardial effusion, severe myocardial failure, obesity, space-occupying lesions and pleural effusion may *decrease* intensity.
- Intensity may vary from beat to beat with rhythm disturbances including atrial fibrillation, frequent atrial or ventricular premature beats and irregular ventricular arrhythmia.

Additional heart sounds

- Additional heart sounds (S3 and S4) are associated with abnormal diastolic ventricular filling. These sounds are called *gallop sounds* and should not be audible in the normal dog or cat.
- Impaired ventricular relaxation can also cause an audible gallop, and may account for the presence of a gallop in some geriatric cats without obvious structural heart disease.
- In all other cats and dogs, a gallop sound can be considered to be a specific indication of heart disease.

Murmurs and clicks

- Murmurs are continuous sounds produced by turbulent blood flow:
 - They are more likely with high blood flow velocity (e.g. in pulmonic stenosis, aortic stenosis, mitral or tricuspid regurgitation)
 - Murmurs are characterized according to their timing, character, intensity and shape.

NOTES

- 'Flow' or physiological murmurs tend to be fairly quiet (<grade 2 or 3) and may vary in intensity.
- They may occur with anaemia or can be normal in young animals.



- Systolic clicks are high-frequency transient heart sounds, usually associated with degenerative mitral valve disease.

Examination of the thoracic cavity

Thoracic palpation

1. Palpate the thorax for swellings, pain, rib fractures, subcutaneous emphysema or oedema.
2. Assess the strength of the apex beat using the fingers of one hand.
3. Determine the point of maximal intensity of the heart beat, using a stethoscope or fingers of one hand, to indicate any displacement by intrathoracic masses or effusion, and to detect any thrill (vibration of turbulence in blood flow). *This should preferably be done before auscultation.*
4. Using both hands, gently compress the thoracic cavity to assess for reduced compliance of the cranial thoracic cage, which could indicate a cranial mediastinal mass.



Figure 3 Thoracic palpation

Tracheal palpation

- Palpate the full length of the cervical trachea, using one hand, and observe for signs of sensitivity (usually indicated by a cough reflex).
- Tracheal sensitivity is a non specific sign of airway irritation and may be present in airway or parenchymal disease.
- In dogs and cats with chronic bronchitis, airway collapse or pneumonia, a *harsh cough* is usually elicited with tracheal palpation.
- A *soft cough* is more typical in dogs with pulmonary oedema.



Figure 4 Tracheal palpation

Thoracic auscultation

1. Using a stethoscope, auscultate all lung fields on both sides of the thorax.
2. Note the presence, type and location of any abnormal lung sounds:





Figure 5 Thoracic auscultation

- *Normal* sounds are termed bronchial, vesicular or bronchovesicular
- *Crackles and wheezes* are examples of abnormal noises produced in diseased lungs
- Determining the specific phase of the respiratory cycle in which abnormal lung sounds occur is important for categorizing the sound and determining the most likely pathology
- *Absence* of lung sounds is also an important finding:
 - It typically reflects disease of the pleural space
 - Consolidation of a lung segment can also lead to an absence of lung sounds
 - Loss of lung sounds *dorsally* generally indicates air accumulation
 - Loss of lung sounds *ventrally* indicates a pleural effusion or space-occupying mass.

Thoracic percussion



Figure 6 Thoracic percussion

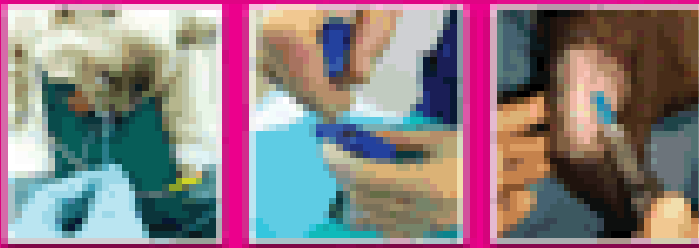
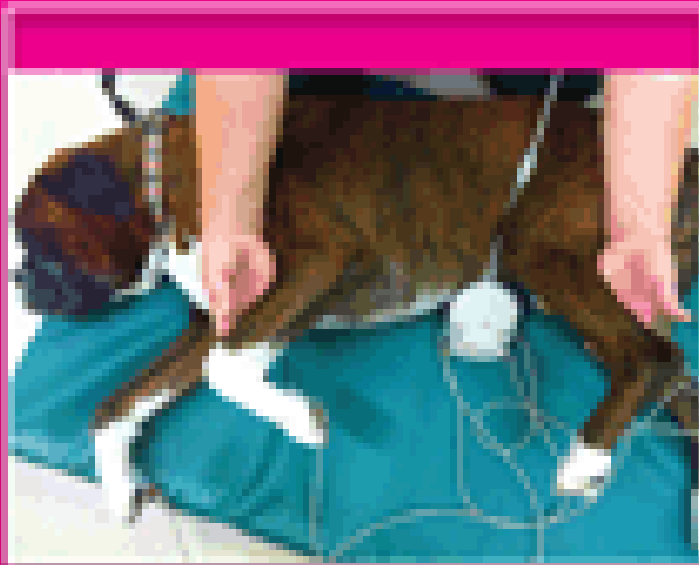
1. Place the fingers of one hand flat against the thoracic cage.
2. Curve the fingers of the other hand gently and hold them rigid.
3. Use the curved fingers of the free hand to strike the fingers on the chest wall, causing production of sounds.
4. Examine all lung fields to detect localized differences in sound transmission.
 - Percussion causes vibration of the chest and intrathoracic structures, and the pitch reflects the underlying air-to-tissue ratio within the thorax.
 - Over the heart, a dull percussive sound is heard because of the presence of soft tissue that dampens the transmission of sound.
 - When the chest cavity is filled with fluid, or the lung is consolidated by disease, dull sounds are noted in the affected areas; whilst over air-filled lung structures, more resonant sounds are heard.
 - In an animal with pneumothorax or air trapping, sounds have increased resonance.

FURTHER INFORMATION

More detail on these procedures and interpretation of the results can be found in the *BSAVA Manual of Canine and Feline Cardiorespiratory Medicine*.



Water deprivation test



BSAVA Guide to
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Practice
2nd edition

Nick Bealfield
and Karla Lee



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Item: Procedures A to Z, pp 269 - 272

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Full-Text



Indications/Use

Diagnostic aid in cases of:

- Central diabetes insipidus
- Primary nephrogenic diabetes insipidus
- Primary (psychogenic) polydipsia

Contraindications

- Dehydration
- Azotaemia
- Pyometra
- Pyelonephritis
- Hypercalcaemia
- Hyperadrenocorticism

WARNING

- **The water deprivation test should be performed only after all other causes of polyuria and polydipsia have been ruled out, limiting the differential diagnoses to central diabetes insipidus, primary nephrogenic diabetes insipidus and psychogenic polydipsia.**
- **Failure to recognize the more common polyuric syndromes such as pyometra, pyelonephritis, early renal insufficiency, hypercalcaemia or hyperadrenocorticism may lead to an incorrect or inconclusive diagnosis and *use of the water deprivation test in these patients may be dangerous.***

Equipment

- Urinary catheter
- Electronic scales
- Measuring vessel for water
- Refractometer
- Intravenous desmopressin (DDAVP) (synthetic analogue of antidiuretic hormone (ADH))
- 2 ml syringes
- Hypodermic needles: 21 G, 3/4 to 1 inch

Technique



It is recommended that the water deprivation test be performed in three consecutive stages:

1. Gradual water restriction.
2. Followed immediately by abrupt water deprivation.
3. Followed immediately by an antidiuretic hormone (ADH) response test – if necessary.

Stage 1 – Gradual water restriction

To minimize the effects of renal medullary washout on test results, progressive water restriction is recommended *before* abrupt water deprivation. This is usually carried out by the owner in the home environment.

The *owner* should:

1. Begin reducing the amount of water provided to the animal 3 days before the abrupt water deprivation test is to be performed in the clinic.
2. During the first 24 hours, allow the dog or cat twice its normal daily water requirement (120–150 mL/kg) divided into 6–8 small portions.
3. During the next 24 hours, give 80–100 mL/kg.
4. Over the last 24 hours, give 60–80 mL/kg.
5. During the 3-day period of gradual water restriction, owners should feed dry food and monitor the animal's bodyweight on a daily basis.
6. Owners should also be instructed to observe for any significant decrease in the animal's mentation when performing gradual water deprivation. **Should this occur the test should be stopped and veterinary attention sought immediately.**


Stage 2 – Abrupt water deprivation

The goal of stage 2 is to achieve maximal ADH secretion and concentration of urine. This would be expected to occur after a 3–5% loss of bodyweight. **This procedure must be carried out in the veterinary clinic** and is best started early in the day.

1. Completely empty the animal's bladder (see **Urethral catheterization**; consider an indwelling urinary catheter, especially in females) and collect the urine.
2. Record the urine specific gravity (SG; see **Urinalysis**), obtain an exact bodyweight and remove all food and water.
3. At 1–2 hourly intervals, again completely empty the animal's bladder, measure the urine SG and reweigh the animal (to monitor for dehydration).
4. Continue until there is **either** a 5% loss in bodyweight **or** the urine SG is >1.030 in dogs or >1.035 in cats. The major difficulty with the water deprivation test is that its duration can never be predicted accurately.

WARNING

- The animal must also be monitored for signs of CNS depression. Stop the test immediately if these are seen.
5. Some animals will fail to reach the 5% dehydration endpoint by the end of the working day. In this situation, the patient can be transferred to a facility with overnight care so that monitoring of urine SG and bodyweight can continue overnight.

Alternatively, overnight access to water in maintenance amounts (2.5–3.0 mL/kg/h) can be provided; the following morning, water is once again withdrawn and monitoring continued until a 5% loss of bodyweight or the target urine SG is reached. 

Stage 3 – Response to intravenous desmopressin

If the dog or cat has lost 5% or more of its original bodyweight after water deprivation, but the urine SG remains <1.015, an ADH (desmopressin) response test should be performed in the clinic, again early in the day if possible.

1. Provide water in maintenance amounts (2.5–3.0 mL/kg/h) for the duration of this stage.
2. Intravenously inject desmopressin (DDAVP):
 - 2.0 µg (**micrograms**) for dogs <15 kg and cats
 - 4.0 µg (**micrograms**) for dogs >15 kg.
3. Completely empty the animal's bladder (see **Urethral catheterization**; consider an indwelling urinary catheter, especially in females) and collect the urine.
4. Record the urine SG (see **Urinalysis**) every 1 hour.
5. Stop the test when the urine SG has risen above 1.015 or the animal shows any signs of CNS depression.
6. Continue this stage for a maximum of 10 hours.
7. Upon completion of the test, water should be offered in maintenance amounts (2.5–3.0 mL/kg/h) for 2–3 hours then provided *ad libitum*.

Results

Test results

Display Table:  ▼

Open fullscreen 

| Disorder | Urine SG prior to test | Urine SG after stage 2 | Urine SG after stage 3 |
|--|------------------------|------------------------|----------------------------|
| Central diabetes insipidus (complete) | 1.001–1.007 | <1.008 | Increase to >1.010–1.015 |
| Central diabetes insipidus (partial) | 1.001–1.007 | 1.008–1.020 | Increase to >1.015 |
| Primary nephrogenic diabetes insipidus | 1.001–1.007 | <1.008 | No change (remains <1.008) |
| Primary polydipsia | 1.001–1.020 | >1.030 | No additional increase |

Potential complications

- Severe dehydration has the potential to lead to renal failure
- Rapid rehydration following the end of the test has the potential to result in cerebral oedema and neurological signs

FURTHER INFORMATION

Further information on the investigation of PU/PD is provided in the *BSAVA Manual of Canine and Feline Endocrinology*.

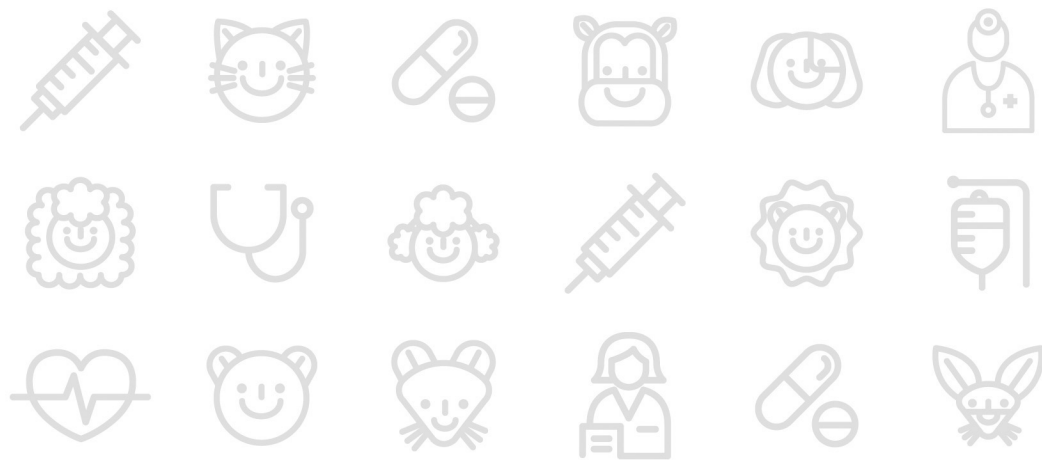




동물병원 진료 표준화 방안 마련 결과보고서

첨부자료 5

한국 동물보험 코드 목록
(보험개발원, 삼성화재, 메리츠 보험)



농림축산식품부

| 보험사 | 분류 | 소분류 | 코드 |
|-----|-----------------|-------------------------------|------|
| 메리츠 | 간·담도계 및 췌장 질환 | 간염 | AA01 |
| 메리츠 | 간·담도계 및 췌장 질환 | 지방간 | AA02 |
| 메리츠 | 간·담도계 및 췌장 질환 | 간경변증 / 간섬유증 | AA03 |
| 메리츠 | 간·담도계 및 췌장 질환 | 담관염 / 담관 간염 | AA04 |
| 메리츠 | 간·담도계 및 췌장 질환 | 담석증 | AA05 |
| 메리츠 | 간·담도계 및 췌장 질환 | 담낭 슬러지 | AA06 |
| 메리츠 | 간·담도계 및 췌장 질환 | 간 효소 수치 상승 (원인 불명) | AA07 |
| 메리츠 | 간·담도계 및 췌장 질환 | 췌장염 | AA08 |
| 메리츠 | 간·담도계 및 췌장 질환 | 외분비성 췌장 기능 부전증 (이자 기능 부전) | AA09 |
| 메리츠 | 간·담도계 및 췌장 질환 | 간 / 담도 / 췌장의 종양 | AA10 |
| 메리츠 | 간·담도계 및 췌장 질환 | 간문맥 단락증 · PSS | AA11 |
| 메리츠 | 간·담도계 및 췌장 질환 | 상기에 해당하지 않는 간 / 담도계 질환 | AA12 |
| 메리츠 | 간·담도계 및 췌장 질환 | 상기에 해당하지 않는 췌장 질환 | AA13 |
| 메리츠 | 간·담도계 및 췌장 질환 | 상기에 해당하지 않는 간/담도계 질환 (상해로 인한) | AA14 |
| 메리츠 | 간·담도계 및 췌장 질환 | 상기에 해당하지 않는 췌장 질환 (상해로 인한) | AA15 |
| 메리츠 | 귀 질환 | 외이도염 (세균성) | BA01 |
| 메리츠 | 귀 질환 | 외이도염 (말라세지아) | BA02 |
| 메리츠 | 귀 질환 | 외이도염 (알러지성) | BA03 |
| 메리츠 | 귀 질환 | 외이도염 (원인 불명) | BA04 |
| 메리츠 | 귀 질환 | 이개혈종 | BA05 |
| 메리츠 | 귀 질환 | 중이염 | BA06 |
| 메리츠 | 귀 질환 | 내이염 | BA07 |
| 메리츠 | 귀 질환 | 전정 질환 | BA08 |
| 메리츠 | 귀 질환 | 귀 가려움증 (원인 불명) | BA09 |
| 메리츠 | 귀 질환 | 귀의 종양 / 종괴 | BA10 |
| 메리츠 | 귀 질환 | 귀 옴, 귀 진드기 질환 | BA11 |
| 메리츠 | 귀 질환 | 상기에 해당하지 않는 귀 질환 | BA12 |
| 메리츠 | 귀 질환 | 상기에 해당하지 않는 귀 질환 (상해로 인한) | BA13 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 관절염 (뒷다리제외) | CA01 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 퇴행성 관절염 (뒷다리제외) | CA02 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 골절 (뒷다리 제외) | CA03 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 근염 (뒷다리 제외) | CA04 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 보행 이상 / 파행 / 사지 통증 (원인 불명) | CA05 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 염좌 (뒷다리 제외) | CA06 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 골육종 (뒷다리 제외) | CA07 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 상기에 해당하지 않는 근골격계 종양 (뒷다리 제외) | CA08 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 상기에 해당하지 않는 근골격계 질환 (뒷다리 제외) | CA09 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 상기에 해당하지 않는 근골격계 상해 (뒷다리 제외) | CA10 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 골절 (골반) | CB01 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 견관절 (아)탈구 | CC01 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 골절 (앞다리) | CC02 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 추간판탈출증(IVDD)-Type 1 | CD01 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 추간판탈출증(IVDD)-Type 2 | CD02 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 추간판 탈출증(타입 알 수 없음) | CD03 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 추간판 척추염 | CD04 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 척추증 | CD05 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 환측추 불안정(AAI) | CD06 |
| 메리츠 | 근골격계 질환 (뒷다리제외) | 요통 (원인 불명) | CD07 |
| 메리츠 | 뒷다리 근골격계 질환 | 슬개골 (아) 탈구 | DA01 |
| 메리츠 | 뒷다리 근골격계 질환 | 십자 인대 손상 · 파열 (전방 / 후방) | DA02 |
| 메리츠 | 뒷다리 근골격계 질환 | 고관절 이형성증 / (아) 탈구 | DA03 |
| 메리츠 | 뒷다리 근골격계 질환 | 외상성 고관절 (아) 탈구 | DA04 |
| 메리츠 | 뒷다리 근골격계 질환 | 골절 (뒷다리) | DA05 |
| 메리츠 | 뒷다리 근골격계 질환 | 무혈성골두괴사(LCPD) | DA06 |
| 메리츠 | 뒷다리 근골격계 질환 | 관절염 (뒷다리) | DA07 |

| 보험사 | 분류 | 소분류 | 코드 |
|-----|---------------|-------------------------------|------|
| 메리츠 | 뒷다리 근골격계 질환 | 관절염 · 퇴행성 관절염 (뒷다리) | DA08 |
| 메리츠 | 뒷다리 근골격계 질환 | 뼈연골증 (뒷다리) | DA09 |
| 메리츠 | 뒷다리 근골격계 질환 | 뒷다리의 근염 | DA10 |
| 메리츠 | 뒷다리 근골격계 질환 | 뒷다리의 염좌 | DA11 |
| 메리츠 | 뒷다리 근골격계 질환 | 뒷다리의 골육종 | DA12 |
| 메리츠 | 뒷다리 근골격계 질환 | 상기에 해당하지 않는 뒷다리 근골격계 증양 | DA13 |
| 메리츠 | 뒷다리 근골격계 질환 | 상기에 해당하지 않는 뒷다리 근골격계 질환 | DA14 |
| 메리츠 | 뒷다리 근골격계 질환 | 상기에 해당하지 않는 뒷다리 근골격계 상해 | DA15 |
| 메리츠 | 내분비 질환 | 갑상선 기능 항진증 | EA01 |
| 메리츠 | 내분비 질환 | 갑상선 기능 저하증 | EA02 |
| 메리츠 | 내분비 질환 | 요붕증 | EB01 |
| 메리츠 | 내분비 질환 | 부신피질기능항진증(쿠싱증후군) | EC01 |
| 메리츠 | 내분비 질환 | 부신피질기능저하증(에디슨병) | EC02 |
| 메리츠 | 내분비 질환 | 당뇨병 | ED01 |
| 메리츠 | 내분비 질환 | 인슐린종 | ED02 |
| 메리츠 | 내분비 질환 | 상기에 해당하지 않는 내분비계 증양 | EE01 |
| 메리츠 | 내분비 질환 | 상기에 해당하지 않는 내분비계 질환 | EE02 |
| 메리츠 | 내분비 질환 | 상기에 해당하지 않는 내분비계 질환 (상해로 인한) | EE03 |
| 메리츠 | 눈 및 부속 기관의 질환 | 결막염 (결막 부종 포함) | FA01 |
| 메리츠 | 눈 및 부속 기관의 질환 | 건성 각결막염 · KCS | FA02 |
| 메리츠 | 눈 및 부속 기관의 질환 | 외상성 각막염 | FA03 |
| 메리츠 | 눈 및 부속 기관의 질환 | 궤양성 각막염 · 각막궤양 (각막 미란 포함) | FA04 |
| 메리츠 | 눈 및 부속 기관의 질환 | 각막 이영양증 | FA05 |
| 메리츠 | 눈 및 부속 기관의 질환 | 포도막염 (홍채염 / 전안방 출혈 포함) | FA06 |
| 메리츠 | 눈 및 부속 기관의 질환 | 녹내장 | FA07 |
| 메리츠 | 눈 및 부속 기관의 질환 | 수정체 (아) 탈구 | FA08 |
| 메리츠 | 눈 및 부속 기관의 질환 | 망막 변성 / 망막 위축 / PRA | FA09 |
| 메리츠 | 눈 및 부속 기관의 질환 | 망막 박리 (유리체 변성 포함) | FA10 |
| 메리츠 | 눈 및 부속 기관의 질환 | 체리아이 · 제3안검 돌출 | FA11 |
| 메리츠 | 눈 및 부속 기관의 질환 | 안검 외반 | FA12 |
| 메리츠 | 눈 및 부속 기관의 질환 | 안검 내반 | FA13 |
| 메리츠 | 눈 및 부속 기관의 질환 | 안검염 | FA14 |
| 메리츠 | 눈 및 부속 기관의 질환 | 다래끼 / 산립종 / 마이봄선종 | FA15 |
| 메리츠 | 눈 및 부속 기관의 질환 | 비루관폐쇄 | FA16 |
| 메리츠 | 눈 및 부속 기관의 질환 | 눈곱 (원인 불명) | FA17 |
| 메리츠 | 눈 및 부속 기관의 질환 | 눈 가려움증 (원인 불명) | FA18 |
| 메리츠 | 눈 및 부속 기관의 질환 | 눈 및 부속 기관의 증양 | FA19 |
| 메리츠 | 눈 및 부속 기관의 질환 | 유루증 | FA20 |
| 메리츠 | 눈 및 부속 기관의 질환 | 동양안충증 | FA21 |
| 메리츠 | 눈 및 부속 기관의 질환 | 백내장 | FA22 |
| 메리츠 | 눈 및 부속 기관의 질환 | 속눈썹의 질병 (첨모난생 / 첨모중생 / 이소성첨모) | FA23 |
| 메리츠 | 눈 및 부속 기관의 질환 | 상기에 해당하지 각막염 (판누스 포함) | FA24 |
| 메리츠 | 눈 및 부속 기관의 질환 | 상기에 해당하지 않는 안과 질환 | FA25 |
| 메리츠 | 눈 및 부속 기관의 질환 | 상기에 해당하지 않는 안과 질환 (상해로 인한) | FA26 |
| 메리츠 | 비뇨기과 질환 | 만성 신장 질환 (신부전 포함) | GA01 |
| 메리츠 | 비뇨기과 질환 | 신장 결석 | GA02 |
| 메리츠 | 비뇨기과 질환 | 신우 신염 | GA03 |
| 메리츠 | 비뇨기과 질환 | 급성 신부전 | GA04 |
| 메리츠 | 비뇨기과 질환 | 방광염 | GA05 |
| 메리츠 | 비뇨기과 질환 | 방광 결석 | GA06 |
| 메리츠 | 비뇨기과 질환 | 요도 폐색 | GA07 |
| 메리츠 | 비뇨기과 질환 | 요로 결석증 | GA08 |
| 메리츠 | 비뇨기과 질환 | 신경성 배뇨 이상 | GA09 |
| 메리츠 | 비뇨기과 질환 | 비정상 성분의 소변 (원인 불명) | GA10 |
| 메리츠 | 비뇨기과 질환 | 비뇨기계 증양 | GA11 |

| 보험사 | 분류 | 소분류 | 코드 |
|-----|---------|-----------------------------|------|
| 메리츠 | 비뇨기과 질환 | 상기에 해당하지 않는 비뇨기 질환 | GA12 |
| 메리츠 | 비뇨기과 질환 | 상기에 해당하지 않는 비뇨기 질환 (상해로 인한) | GA13 |
| 메리츠 | 비뇨기과 질환 | 고양이 하부 비뇨기계 질환(FLUTD) | GA14 |
| 메리츠 | 비뇨기과 질환 | 고양이 특발성 방광염(FIC) | GA15 |
| 메리츠 | 비뇨기과 질환 | 고양이 하부 요로계 증후군(FUS) | GA16 |
| 메리츠 | 생식기 질환 | 교배·임신으로 인한 이상 | HA18 |
| 메리츠 | 생식기 질환 | 귀두염 / 포피염 | HA10 |
| 메리츠 | 생식기 질환 | 난소의 질병 | HA01 |
| 메리츠 | 소화기 질환 | 식도염 | IA01 |
| 메리츠 | 소화기 질환 | 식도 협착 / 식도 폐색 | IA02 |
| 메리츠 | 소화기 질환 | 거대 식도증 / 식도 확장증 | IA03 |
| 메리츠 | 소화기 질환 | 위염 / 위장염 / 장염 | IA04 |
| 메리츠 | 소화기 질환 | 위 / 십이지장 궤양 | IA05 |
| 메리츠 | 소화기 질환 | 위 확장 및 염전 | IA06 |
| 메리츠 | 소화기 질환 | 위장관 내 이물 / 이물 섭취 | IA07 |
| 메리츠 | 소화기 질환 | 소화관 기능 저하 (소화관 정체 포함) | IA08 |
| 메리츠 | 소화기 질환 | 세균성 장염 | IA09 |
| 메리츠 | 소화기 질환 | 상기에 해당하지 않는 소화기계 감염증 | IA10 |
| 메리츠 | 소화기 질환 | 상기에 해당하지 않는 소화기계 기생충증 | IA11 |
| 메리츠 | 소화기 질환 | 식이성 장 질환 | IA12 |
| 메리츠 | 소화기 질환 | 염증성 장 질환(IBD) | IA13 |
| 메리츠 | 소화기 질환 | 단백 소실성 장증(PLE) | IA14 |
| 메리츠 | 소화기 질환 | 장폐색 | IA15 |
| 메리츠 | 소화기 질환 | 변비 (거대결장증 포함) | IA16 |
| 메리츠 | 소화기 질환 | 회음부 탈장 | IA17 |
| 메리츠 | 소화기 질환 | 모구증 | IA18 |
| 메리츠 | 소화기 질환 | 소화관 림프종 | IA19 |
| 메리츠 | 소화기 질환 | 상기에 해당하지 않는 소화기 계통의 종양 | IA20 |
| 메리츠 | 소화기 질환 | 구토 / 설사 / 혈변 (원인 불명) | IA21 |
| 메리츠 | 소화기 질환 | 복통 (원인 불명) | IA22 |
| 메리츠 | 소화기 질환 | 상기에 해당하지 않는 소화기 질환 | IA23 |
| 메리츠 | 소화기 질환 | 상기에 해당하지 않는 소화기 상해 | IA24 |
| 메리츠 | 소화기 질환 | 개 파보 바이러스·CPV | IA25 |
| 메리츠 | 소화기 질환 | 개 코로나 바이러스·CCV | IA26 |
| 메리츠 | 소화기 질환 | 지아르디아 증 | IA27 |
| 메리츠 | 소화기 질환 | 콕시듐증 | IA28 |
| 메리츠 | 소화기 질환 | 회충증 | IA29 |
| 메리츠 | 소화기 질환 | 촌충증 | IA30 |
| 메리츠 | 소화기 질환 | 간충증 | IA31 |
| 메리츠 | 소화기 질환 | 항문낭염 / 항문낭 파열 | IA32 |
| 메리츠 | 소화기 질환 | 항문 주위 피부염 / 항문 주위 누공 | IA33 |
| 메리츠 | 소화기 질환 | 배꼽 탈장 | IA34 |
| 메리츠 | 소화기 질환 | 서혜부 탈장 | IA35 |
| 메리츠 | 소화기 질환 | 소장내 세균 과다 증식(SIBO) | IA36 |
| 메리츠 | 소화기 질환 | 고양이 파보 바이러스(FPV) | IA37 |
| 메리츠 | 소화기 질환 | 고양이 코로나 바이러스 감염 | IA38 |
| 메리츠 | 순환기 질환 | 판막 질환(의증, 심잡음, 심부전 증상 포함) | JA01 |
| 메리츠 | 순환기 질환 | 판막 질환 (심부전 증상) | JA02 |
| 메리츠 | 순환기 질환 | 원인 불명의 심비대 | JA03 |
| 메리츠 | 순환기 질환 | 심근증 | JA04 |
| 메리츠 | 순환기 질환 | 부정맥 | JA05 |
| 메리츠 | 순환기 질환 | 대동맥 협착증·AS | JA06 |
| 메리츠 | 순환기 질환 | 폐동맥 협착·PS | JA07 |
| 메리츠 | 순환기 질환 | 순환계 종양 | JA08 |
| 메리츠 | 순환기 질환 | 선천성 심장 질환 (의증) | JA09 |

| 보험사 | 분류 | 소분류 | 코드 |
|-----|--------|-----------------------------|------|
| 메리츠 | 순환기 질환 | 동맥관 개존증 · PDA | JA10 |
| 메리츠 | 순환기 질환 | 심방 중격 결손 · ASD | JA11 |
| 메리츠 | 순환기 질환 | 심실 중격 결손 · VSD | JA12 |
| 메리츠 | 순환기 질환 | 우측 대동맥궁 잔존증 · PRAA | JA13 |
| 메리츠 | 순환기 질환 | 심장사상충증 | JA14 |
| 메리츠 | 순환기 질환 | 상기에 해당하지 않는 심혈관계 질환 | JA15 |
| 메리츠 | 순환기 질환 | 상기에 해당하지 않는 심혈관계 상해 | JA16 |
| 메리츠 | 순환기 질환 | 상기에 해당하지 않는 선천성 심장 질환 (확진된) | JA17 |
| 메리츠 | 신경 질환 | 간질 | KA01 |
| 메리츠 | 신경 질환 | 수막염 / 뇌수막염 / 뇌염 | KA02 |
| 메리츠 | 신경 질환 | 뇌경색 | KA03 |
| 메리츠 | 신경 질환 | 후두공 이형성 (후두골이형성증) | KA04 |
| 메리츠 | 신경 질환 | 수두증 / 뇌수종 | KA05 |
| 메리츠 | 신경 질환 | 외상성 뇌 질환 | KA06 |
| 메리츠 | 신경 질환 | 척수 질환 (추간판탈출증은 제외) | KA07 |
| 메리츠 | 신경 질환 | 마미 증후군 | KA08 |
| 메리츠 | 신경 질환 | 호너 증후군 | KA09 |
| 메리츠 | 신경 질환 | 발작 (원인 불명) | KA10 |
| 메리츠 | 신경 질환 | 동요, 진전 (원인 불명) | KA11 |
| 메리츠 | 신경 질환 | 마비 (원인 불명) | KA12 |
| 메리츠 | 신경 질환 | 사경 (원인 불명) | KA13 |
| 메리츠 | 신경 질환 | 실신 및 허탈 (원인 불명) | KA14 |
| 메리츠 | 신경 질환 | 뇌종양 | KA15 |
| 메리츠 | 신경 질환 | 상기에 해당하지 않는 신경계 종양 | KA16 |
| 메리츠 | 신경 질환 | 상기에 해당하지 않는 신경계 질환 | KA17 |
| 메리츠 | 신경 질환 | 상기에 해당하지 않는 신경계 질환 (상해에 의한) | KA18 |
| 메리츠 | 전신성 질환 | 양파 중독 / 파 중독 | LA01 |
| 메리츠 | 전신성 질환 | 초콜릿 중독 | LA02 |
| 메리츠 | 전신성 질환 | 백합 / 관엽식물 등에 의한 중독 | LA03 |
| 메리츠 | 전신성 질환 | 인의약물에 의한 중독 | LA04 |
| 메리츠 | 전신성 질환 | 쥐약 / 제초제 등에 의한 중독 | LA05 |
| 메리츠 | 전신성 질환 | 기타 중독성 질환 | LA06 |
| 메리츠 | 전신성 질환 | 알러지 (백신에 의한) | LA07 |
| 메리츠 | 전신성 질환 | 아나필락시스 | LA08 |
| 메리츠 | 전신성 질환 | 알러지 (상세미상) | LA09 |
| 메리츠 | 전신성 질환 | 기타 감염성 질환 | LA10 |
| 메리츠 | 전신성 질환 | 열사병 | LA11 |
| 메리츠 | 전신성 질환 | 화상 | LA12 |
| 메리츠 | 전신성 질환 | 외상 (좌상 / 찰과상 / 타박상) | LA13 |
| 메리츠 | 전신성 질환 | 교상 | LA14 |
| 메리츠 | 전신성 질환 | 사고 (교통 사고 포함) | LA15 |
| 메리츠 | 전신성 질환 | 면역계 장애 | LA16 |
| 메리츠 | 전신성 질환 | 전신성 종양 | LA17 |
| 메리츠 | 전신성 질환 | 기력저하 (식욕 부진, 원인 불명 포함) | LA18 |
| 메리츠 | 전신성 질환 | 발열 (원인 불명) | LA19 |
| 메리츠 | 전신성 질환 | 다음 · 다뇨 (원인 불명) | LA20 |
| 메리츠 | 전신성 질환 | 통증 (원인 불명) | LA21 |
| 메리츠 | 전신성 질환 | 쇼크 증상 (원인 불명) | LA22 |
| 메리츠 | 전신성 질환 | 탈수 (원인 불명) | LA23 |
| 메리츠 | 전신성 질환 | 저혈당 | LA24 |
| 메리츠 | 전신성 질환 | 고지혈증 | LA25 |
| 메리츠 | 전신성 질환 | 개 디스템퍼/홍역 · CDV | LA26 |
| 메리츠 | 전신성 질환 | 개 헤르페스 바이러스 · CHV | LA27 |
| 메리츠 | 전신성 질환 | 개 아데노 바이러스 · CAV | LA28 |
| 메리츠 | 전신성 질환 | 렙토스피라증 | LA29 |

| 보험사 | 분류 | 소분류 | 코드 |
|-----|------------|---------------------------------|------|
| 메리츠 | 전신성 질환 | 다른 기생충증 | LA30 |
| 메리츠 | 전신성 질환 | 분리불안증 | LA31 |
| 메리츠 | 전신성 질환 | 식분증 | LA32 |
| 메리츠 | 전신성 질환 | 검사치에 이상 (증상없음) | LA33 |
| 메리츠 | 전신성 질환 | 쇠약 / 체중 감소 (원인 불명) | LA34 |
| 메리츠 | 전신성 질환 | 상기에 해당하지 않는 전신 질환 / 증상 | LA35 |
| 메리츠 | 전신성 질환 | 상기에 해당하지 않는 전신 질환 / 증상 (상해로 인한) | LA36 |
| 메리츠 | 전신성 질환 | 고양이 면역결핍바이러스감염증(FIV) | LA37 |
| 메리츠 | 전신성 질환 | 고양이 백혈병바이러스감염증(FeLV) | LA38 |
| 메리츠 | 전신성 질환 | 고양이 전염성복막염(FIP) | LA39 |
| 메리츠 | 치아 및 구강 질환 | 치은염 / 치주염 | MA01 |
| 메리츠 | 치아 및 구강 질환 | 치근농양 / 근첨농양 | MA02 |
| 메리츠 | 치아 및 구강 질환 | 구강 외상 | MA03 |
| 메리츠 | 치아 및 구강 질환 | 치아 골절 | MA04 |
| 메리츠 | 치아 및 구강 질환 | 침샘 질환 (침샘염 / 점액 낭종 / 하마종) | MA05 |
| 메리츠 | 치아 및 구강 질환 | 구내염 / 설염 | MA06 |
| 메리츠 | 치아 및 구강 질환 | 구강 내 종양 | MA07 |
| 메리츠 | 치아 및 구강 질환 | 유치 잔존증 | MA08 |
| 메리츠 | 치아 및 구강 질환 | 부정 교합 | MA09 |
| 메리츠 | 치아 및 구강 질환 | 상기에 해당하지 않는 치과 질환 | MA10 |
| 메리츠 | 치아 및 구강 질환 | 상기에 해당하지 않는 구강 내 질환 | MA11 |
| 메리츠 | 치아 및 구강 질환 | 상기에 해당하지 않는 구강 내 상해 | MA12 |
| 메리츠 | 치아 및 구강 질환 | 치아흡수성병변(FORL) | MA13 |
| 메리츠 | 치아 및 구강 질환 | 고양이 만성 구내염(FCGs) | MA14 |
| 메리츠 | 피부 질환 | 농피증 / 세균성 피부염 | NA01 |
| 메리츠 | 피부 질환 | 말라 세 지아 피부염 | NA02 |
| 메리츠 | 피부 질환 | 피부 사상균증 · 곰팡이성 피부염 | NA03 |
| 메리츠 | 피부 질환 | 모낭충증 | NA04 |
| 메리츠 | 피부 질환 | 식이 알러지 | NA05 |
| 메리츠 | 피부 질환 | 알러지 피부염 (항원 특이적) | NA06 |
| 메리츠 | 피부 질환 | 아토피 (만성 피부염) | NA07 |
| 메리츠 | 피부 질환 | 지간 피부염 | NA08 |
| 메리츠 | 피부 질환 | 피부염 (원인 불명) | NA09 |
| 메리츠 | 피부 질환 | 지루성 피부염 | NA10 |
| 메리츠 | 피부 질환 | 피하 농양 | NA11 |
| 메리츠 | 피부 질환 | 지방층염 | NA12 |
| 메리츠 | 피부 질환 | 피부의 가려움증 (원인 불명) | NA13 |
| 메리츠 | 피부 질환 | 탈모 (원인 불명) | NA14 |
| 메리츠 | 피부 질환 | 발톱 주위염 | NA15 |
| 메리츠 | 피부 질환 | 발톱의 외상 | NA16 |
| 메리츠 | 피부 질환 | 피부 종양 (상세미상) | NA17 |
| 메리츠 | 피부 질환 | 지방종 | NA18 |
| 메리츠 | 피부 질환 | 조직구종 (피부) | NA19 |
| 메리츠 | 피부 질환 | 비만세포종 (피부) | NA20 |
| 메리츠 | 피부 질환 | 흑색종 | NA21 |
| 메리츠 | 피부 질환 | 피부 림프종 | NA22 |
| 메리츠 | 피부 질환 | 항문주위선종 (항문주위선암종) | NA23 |
| 메리츠 | 피부 질환 | 옴진드기 · 개선충 | NA24 |
| 메리츠 | 피부 질환 | 벼룩 / 진드기 등 외부 기생충 질환 | NA25 |
| 메리츠 | 피부 질환 | 상기에 해당하지 않는 피부의 종양 | NA26 |
| 메리츠 | 피부 질환 | 상기에 해당하지 않는 피부 질환 | NA27 |
| 메리츠 | 피부 질환 | 상기에 해당하지 않는 피부 상해 | NA28 |
| 메리츠 | 혈액 및 조혈 질환 | 면역 매개성 용혈성 빈혈 · IMHA | OA01 |
| 메리츠 | 혈액 및 조혈 질환 | 빈혈 (원인 불명) | OA02 |
| 메리츠 | 혈액 및 조혈 질환 | 면역매개성 혈소판감소증 (IMT) | OA03 |

| 보험사 | 분류 | 소분류 | 코드 |
|-----|------------|-----------------------------|------|
| 메리츠 | 혈액 및 조혈 질환 | 비장의 이상 | OA04 |
| 메리츠 | 혈액 및 조혈 질환 | 골수의 이상 | OA05 |
| 메리츠 | 혈액 및 조혈 질환 | 임파선염 (림프절염) | OA06 |
| 메리츠 | 혈액 및 조혈 질환 | 혈우병 | OA07 |
| 메리츠 | 혈액 및 조혈 질환 | 응고장애 | OA08 |
| 메리츠 | 혈액 및 조혈 질환 | 다발성 림프종 | OA09 |
| 메리츠 | 혈액 및 조혈 질환 | 혈관육종 | OA10 |
| 메리츠 | 혈액 및 조혈 질환 | 바베시아증 | OA11 |
| 메리츠 | 혈액 및 조혈 질환 | 상기에 해당하지 않는 감염성 혈액 질환 | OA12 |
| 메리츠 | 혈액 및 조혈 질환 | 상기에 해당하지 않는 기생충성 혈액 질환 | OA13 |
| 메리츠 | 혈액 및 조혈 질환 | 상기에 해당하지 않는 림프계/조혈계 종양 | OA14 |
| 메리츠 | 혈액 및 조혈 질환 | 상기에 해당하지 않는 조혈계 질환 | OA15 |
| 메리츠 | 혈액 및 조혈 질환 | 상기에 해당하지 않는 조혈계 질환 (상해로 인한) | OA16 |
| 메리츠 | 호흡기 질환 | 비염 / 부비동염 / 상부 호흡기 감염 | PA01 |
| 메리츠 | 호흡기 질환 | 인두염 / 후두염 | PA02 |
| 메리츠 | 호흡기 질환 | 연구개 노장 | PA03 |
| 메리츠 | 호흡기 질환 | 기관염 / 기관지염 | PA04 |
| 메리츠 | 호흡기 질환 | 기관 허탈 (기관협착) | PA05 |
| 메리츠 | 호흡기 질환 | 폐렴 | PA06 |
| 메리츠 | 호흡기 질환 | 역류성 재채기/리버스스니징 | PA07 |
| 메리츠 | 호흡기 질환 | 선천성 횡격막 탈장 (횡격막 허니아) | PA08 |
| 메리츠 | 호흡기 질환 | 외상성 횡격막 탈장 (횡격막 허니아) | PA09 |
| 메리츠 | 호흡기 질환 | 켄넬 기침 증후군, 개 전염성 호흡기 증후군 | PA10 |
| 메리츠 | 호흡기 질환 | 천식 | PA11 |
| 메리츠 | 호흡기 질환 | 폐 부종 (원인 불명) | PA12 |
| 메리츠 | 호흡기 질환 | 흉수 (혈흉 / 농흉 / 유미흉) | PA13 |
| 메리츠 | 호흡기 질환 | 기침 (원인 불명) | PA14 |
| 메리츠 | 호흡기 질환 | 재채기 / 콧물 (원인 불명) | PA15 |
| 메리츠 | 호흡기 질환 | 비출혈 (원인 불명) | PA16 |
| 메리츠 | 호흡기 질환 | 비강 내 종양 | PA17 |
| 메리츠 | 호흡기 질환 | 폐의 종양 | PA18 |
| 메리츠 | 호흡기 질환 | 개 인플루엔자 · CIV | PA19 |
| 메리츠 | 호흡기 질환 | 상기에 해당하지 않는 호흡기 감염 | PA20 |
| 메리츠 | 호흡기 질환 | 상기에 해당하지 않는 흉강 내 종양 | PA21 |
| 메리츠 | 호흡기 질환 | 상기에 해당하지 않는 호흡기 질환 | PA22 |
| 메리츠 | 호흡기 질환 | 상기에 해당하지 않는 호흡기 질환 (상해로 인한) | PA23 |
| 메리츠 | 호흡기 질환 | 고양이 바이러스성 후두기관지염(FVR) | PA24 |
| 메리츠 | 호흡기 질환 | 고양이 칼리시 바이러스(FCV) | PA25 |
| 메리츠 | 호흡기 질환 | 고양이 헤르페스 바이러스(FHV) | PA26 |
| 메리츠 | 생식기 질환 | 상기에 해당하지 않는 수컷 생식기 종양 | HA17 |
| 메리츠 | 생식기 질환 | 상기에 해당하지 않는 수컷 생식기 질환 | HA13 |
| 메리츠 | 생식기 질환 | 상기에 해당하지 않는 암, 수컷 생식기 상해 | HA14 |
| 메리츠 | 생식기 질환 | 상기에 해당하지 않는 암컷 생식기 종양 | HA16 |
| 메리츠 | 생식기 질환 | 상기에 해당하지 않는 암컷 생식기 질환 | HA09 |
| 메리츠 | 생식기 질환 | 외음부 분비물 | HA06 |
| 메리츠 | 생식기 질환 | 유선 종양 / 유방 종양 | HA15 |
| 메리츠 | 생식기 질환 | 유선비대 (위임신 포함) | HA08 |
| 메리츠 | 생식기 질환 | 유선염 / 유방염 | HA07 |
| 메리츠 | 생식기 질환 | 자궁 내막염 | HA03 |
| 메리츠 | 생식기 질환 | 자궁 수종 | HA04 |
| 메리츠 | 생식기 질환 | 자궁축농증 | HA02 |
| 메리츠 | 생식기 질환 | 잠복고환 | HA19 |
| 메리츠 | 생식기 질환 | 전립선 비대증 | HA11 |
| 메리츠 | 생식기 질환 | 전립선 염 / 전립선 농양 | HA12 |
| 메리츠 | 생식기 질환 | 질염 | HA05 |

| 보험사 | 분류 | 소분류 | 코드 |
|-------|---------|--------------------|----|
| 보험개발원 | 생식기계 질환 | 가짜 임신 | |
| 보험개발원 | 생식기계 질환 | 귀두염/포피염 | |
| 보험개발원 | 생식기계 질환 | 그 외의 여성 생식기 질환 | |
| 보험개발원 | 생식기계 질환 | 그 외의 남성 생식기 질환 | |
| 보험개발원 | 생식기계 질환 | 난산/이상 분만 | |
| 보험개발원 | 생식기계 질환 | 난소 낭종 | |
| 보험개발원 | 생식기계 질환 | 반음양 | |
| 보험개발원 | 생식기계 질환 | 발정 주기 이상 | |
| 보험개발원 | 순환기계질환 | 승모판 폐쇄 부전증·MR | |
| 보험개발원 | 순환기계질환 | 삼첨판 폐쇄 부전증·TR | |
| 보험개발원 | 순환기계질환 | 판폐쇄 부전증·판막증 | |
| 보험개발원 | 순환기계질환 | 동맥 관개존증·PDA | |
| 보험개발원 | 순환기계질환 | 심방중격결손증·ASD | |
| 보험개발원 | 순환기계질환 | 심실중격결손증·VSD | |
| 보험개발원 | 순환기계질환 | 오른쪽 대동맥궁유잔증·PRAA | |
| 보험개발원 | 순환기계질환 | 대동맥협착증·AS | |
| 보험개발원 | 순환기계질환 | 폐동맥협착증·PS | |
| 보험개발원 | 순환기계질환 | 심근염 | |
| 보험개발원 | 순환기계질환 | 심근증 | |
| 보험개발원 | 순환기계질환 | 심비대 | |
| 보험개발원 | 순환기계질환 | 심부전 | |
| 보험개발원 | 순환기계질환 | 심내막염 | |
| 보험개발원 | 순환기계질환 | 심장압전·심낭수종 | |
| 보험개발원 | 순환기계질환 | 혈전/색전증 | |
| 보험개발원 | 순환기계질환 | 부정맥·전도 장애 | |
| 보험개발원 | 순환기계질환 | 심장정지 | |
| 보험개발원 | 순환기계질환 | 그 외의 선천성 심질환 | |
| 보험개발원 | 순환기계질환 | 그 외의 심질환 | |
| 보험개발원 | 순환기계질환 | 그 외의 혈관의 질환 | |
| 보험개발원 | 순환기계질환 | 그 외의 림프관 및 림프절의 질환 | |
| 보험개발원 | 순환기계질환 | 그 외의 순환기계 질환 | |
| 보험개발원 | 호흡기계질환 | 비염/부비강염 | |
| 보험개발원 | 호흡기계질환 | 인두염/후두염/인후두염 | |
| 보험개발원 | 호흡기계질환 | 연구개과장증 | |
| 보험개발원 | 호흡기계질환 | 편두염 | |
| 보험개발원 | 호흡기계질환 | 기관염/기관지염 | |
| 보험개발원 | 호흡기계질환 | 기관 허탈 | |
| 보험개발원 | 호흡기계질환 | 비기관염 | |
| 보험개발원 | 호흡기계질환 | 기관지 확장증 | |
| 보험개발원 | 호흡기계질환 | 기관지 폐렴 | |
| 보험개발원 | 호흡기계질환 | 폐렴 | |
| 보험개발원 | 호흡기계질환 | 폐수종 | |
| 보험개발원 | 호흡기계질환 | 폐기종 | |
| 보험개발원 | 호흡기계질환 | 흉수(혈흉/농흉/유미흉 포함) | |
| 보험개발원 | 호흡기계질환 | 기흉 | |
| 보험개발원 | 호흡기계질환 | 천식 | |
| 보험개발원 | 호흡기계질환 | 단두종 기도 증후군 | |
| 보험개발원 | 호흡기계질환 | 오목가슴 | |
| 보험개발원 | 호흡기계질환 | 연재채기 증후군·RSS | |
| 보험개발원 | 호흡기계질환 | 감기 | |
| 보험개발원 | 호흡기계질환 | 그 외의 호흡기계 질환 | |
| 보험개발원 | 소화기계질환 | 식도염 | |
| 보험개발원 | 소화기계질환 | 식도 협착·식도 폐색 | |
| 보험개발원 | 소화기계질환 | 식도계실 | |
| 보험개발원 | 소화기계질환 | 거대 식도증·식도 확장증 | |

| 보험사 | 분류 | 소분류 | 코드 |
|-------|--------------|-------------------------------|----|
| 보험개발원 | 소화기계질환 | 유문 협착·유문 폐색 | |
| 보험개발원 | 소화기계질환 | 위염 | |
| 보험개발원 | 소화기계질환 | 위장염 | |
| 보험개발원 | 소화기계질환 | 위궤양 | |
| 보험개발원 | 소화기계질환 | 위확장위염전증후군 | |
| 보험개발원 | 소화기계질환 | 위장 장애 | |
| 보험개발원 | 소화기계질환 | 장염 | |
| 보험개발원 | 소화기계질환 | 십이지장 괴양 | |
| 보험개발원 | 소화기계질환 | 단백 상실성장증 | |
| 보험개발원 | 소화기계질환 | 대장염 | |
| 보험개발원 | 소화기계질환 | 장중적 | |
| 보험개발원 | 소화기계질환 | 장폐색 | |
| 보험개발원 | 소화기계질환 | 거대 결장증 | |
| 보험개발원 | 소화기계질환 | 직장개실 | |
| 보험개발원 | 소화기계질환 | 직장탈 및 항문탈 | |
| 보험개발원 | 소화기계질환 | 항문낭(선) 염/항문낭(선) 파열 | |
| 보험개발원 | 소화기계질환 | 항문 주위염/항문 주위루 | |
| 보험개발원 | 소화기계질환 | 복막염 | |
| 보험개발원 | 소화기계질환 | 변비 | |
| 보험개발원 | 소화기계질환 | 횡격막 헤르니아 | |
| 보험개발원 | 소화기계질환 | 배꼽 헤르니아 | |
| 보험개발원 | 소화기계질환 | 서경 헤르니아 | |
| 보험개발원 | 소화기계질환 | 복막 헤르니아 | |
| 보험개발원 | 소화기계질환 | 회음 헤르니아 | |
| 보험개발원 | 소화기계질환 | 소화관내 이물 | |
| 보험개발원 | 소화기계질환 | 모구증 | |
| 보험개발원 | 소화기계질환 | 낭염 | |
| 보험개발원 | 소화기계질환 | 그 외의 소화기계 질환 | |
| 보험개발원 | 간·담관및 췌장의 질환 | 간염 | |
| 보험개발원 | 간·담관및 췌장의 질환 | 간 리피도시스·지방간 | |
| 보험개발원 | 간·담관및 췌장의 질환 | 간농양 | |
| 보험개발원 | 간·담관및 췌장의 질환 | 간경변·간섬유증 | |
| 보험개발원 | 간·담관및 췌장의 질환 | 간기능 부정 | |
| 보험개발원 | 간·담관및 췌장의 질환 | 간성뇌장해 | |
| 보험개발원 | 간·담관및 췌장의 질환 | 문맥 선트·문맥 체순환 선트·PSS | |
| 보험개발원 | 간·담관및 췌장의 질환 | 담관염/담관 간염 | |
| 보험개발원 | 간·담관및 췌장의 질환 | 담석증 | |
| 보험개발원 | 간·담관및 췌장의 질환 | 담낭슬러지 | |
| 보험개발원 | 간·담관및 췌장의 질환 | 췌장염 | |
| 보험개발원 | 간·담관및 췌장의 질환 | 췌외분비부전 | |
| 보험개발원 | 간·담관및 췌장의 질환 | 그 외의 간·담관계 질환 | |
| 보험개발원 | 간·담관및 췌장의 질환 | 그 외의 췌장 질환 | |
| 보험개발원 | 비뇨기과 질환 | 네프로제 증후군(사구체신염/신장 아밀로이드시스 포함) | |
| 보험개발원 | 비뇨기과 질환 | 신우신염 | |
| 보험개발원 | 비뇨기과 질환 | 신결석 | |
| 보험개발원 | 비뇨기과 질환 | 수신증 | |
| 보험개발원 | 비뇨기과 질환 | 신부전 | |
| 보험개발원 | 비뇨기과 질환 | 방광염 | |
| 보험개발원 | 비뇨기과 질환 | 방광 결석 | |
| 보험개발원 | 비뇨기과 질환 | 요도 폐색 | |
| 보험개발원 | 비뇨기과 질환 | 요석증 | |
| 보험개발원 | 비뇨기과 질환 | 요독증 | |
| 보험개발원 | 비뇨기과 질환 | 이소성 뇨관 | |
| 보험개발원 | 비뇨기과 질환 | 방관 요막관계실 | |
| 보험개발원 | 비뇨기과 질환 | 고양이 하부 요로 질환·FUS·FLUTD | |

| 보험사 | 분류 | 소분류 | 코드 |
|-------|-------------|--------------------------|----|
| 보험개발원 | 비뇨기과 질환 | 그 외의 비뇨기과 질환 | |
| 보험개발원 | 생식기계 질환 | 번식 장애 | |
| 보험개발원 | 생식기계 질환 | 부정 출혈 | |
| 보험개발원 | 생식기계 질환 | 알막힘 | |
| 보험개발원 | 생식기계 질환 | 외음부 분비물·직물 | |
| 보험개발원 | 생식기계 질환 | 유산 | |
| 보험개발원 | 생식기계 질환 | 유선염/유방염 | |
| 보험개발원 | 생식기계 질환 | 유성과형성·유산 비대 | |
| 보험개발원 | 생식기계 질환 | 음경의 외상 | |
| 보험개발원 | 생식기계 질환 | 자궁 수종 | |
| 보험개발원 | 신경계 질환 | 간질 | |
| 보험개발원 | 신경계 질환 | 수두증·뇌수종 | |
| 보험개발원 | 신경계 질환 | 수막염/수막 뇌염/뇌염 | |
| 보험개발원 | 신경계 질환 | 뇌부종 | |
| 보험개발원 | 신경계 질환 | 뇌손상 | |
| 보험개발원 | 신경계 질환 | 뇌질환 | |
| 보험개발원 | 신경계 질환 | 척수염 | |
| 보험개발원 | 신경계 질환 | 척수연화증 | |
| 보험개발원 | 신경계 질환 | 척수 질환(척수간판 헤르니아 제외) | |
| 보험개발원 | 신경계 질환 | 마미증후군 | |
| 보험개발원 | 신경계 질환 | 호르넬 증후군 | |
| 보험개발원 | 신경계 질환 | 말초 신경 질환 | |
| 보험개발원 | 신경계 질환 | 마비 | |
| 보험개발원 | 신경계 질환 | 그 외의 신경계 질환 | |
| 보험개발원 | 눈 및 부속기의 질환 | 결막염/결막 부종 | |
| 보험개발원 | 눈 및 부속기의 질환 | 각막염 | |
| 보험개발원 | 눈 및 부속기의 질환 | 각막 궤양/각막등응 | |
| 보험개발원 | 눈 및 부속기의 질환 | 건성각 결막염·KCS | |
| 보험개발원 | 눈 및 부속기의 질환 | 각막 디스트로피 | |
| 보험개발원 | 눈 및 부속기의 질환 | 포도 막염(홍채염 포함) | |
| 보험개발원 | 눈 및 부속기의 질환 | 전안방출혈 | |
| 보험개발원 | 눈 및 부속기의 질환 | 백내장 | |
| 보험개발원 | 눈 및 부속기의 질환 | 백내장(청년성) | |
| 보험개발원 | 눈 및 부속기의 질환 | 수정체 탈구 | |
| 보험개발원 | 눈 및 부속기의 질환 | 방수 흐림 | |
| 보험개발원 | 눈 및 부속기의 질환 | 망막염/맥락 망막염 | |
| 보험개발원 | 눈 및 부속기의 질환 | 망막 변성(망막 위축 포함)/맥락 망막 변성 | |
| 보험개발원 | 눈 및 부속기의 질환 | 망막 박리 | |
| 보험개발원 | 눈 및 부속기의 질환 | 녹내장 | |
| 보험개발원 | 눈 및 부속기의 질환 | 순막염 | |
| 보험개발원 | 눈 및 부속기의 질환 | 순막선의 탈출·체리아이·제3 눈꺼픔의 탈출 | |
| 보험개발원 | 눈 및 부속기의 질환 | 맥립종·마이봄선염 | |
| 보험개발원 | 눈 및 부속기의 질환 | 눈다래끼·마이봄 선종 | |
| 보험개발원 | 눈 및 부속기의 질환 | 접모의 질환 | |
| 보험개발원 | 눈 및 부속기의 질환 | 누관 폐색 | |
| 보험개발원 | 눈 및 부속기의 질환 | 눈꺼풀염 | |
| 보험개발원 | 눈 및 부속기의 질환 | 안검 외반증/안검 내반증 | |
| 보험개발원 | 눈 및 부속기의 질환 | 눈꼽 | |
| 보험개발원 | 눈 및 부속기의 질환 | 유루(증상) | |
| 보험개발원 | 눈 및 부속기의 질환 | 실명(상세 불명) | |
| 보험개발원 | 눈 및 부속기의 질환 | 선천성의 안과 질환 | |
| 보험개발원 | 눈 및 부속기의 질환 | 그 외의 안과 질환 | |
| 보험개발원 | 귀의 질환 | 외이염·외이도염 | |
| 보험개발원 | 귀의 질환 | 이혈증 | |
| 보험개발원 | 귀의 질환 | 귓바퀴의 질환 | |

| 보험사 | 분류 | 소분류 | 코드 |
|-------|-------------|-------------------------------|----|
| 보험개발원 | 귀의 질환 | 중이염 | |
| 보험개발원 | 귀의 질환 | 내이염 | |
| 보험개발원 | 귀의 질환 | 전정 질환 | |
| 보험개발원 | 귀의 질환 | 그 외의 이과 질환 | |
| 보험개발원 | 이빨 및 구강의 질환 | 치주병(치은염/치조농루/치구/치석 포함) | |
| 보험개발원 | 이빨 및 구강의 질환 | 치근농양·근첨농양 | |
| 보험개발원 | 이빨 및 구강의 질환 | 부정교합/치과장증 | |
| 보험개발원 | 이빨 및 구강의 질환 | 유치유잔 | |
| 보험개발원 | 이빨 및 구강의 질환 | 침샘 질환(침샘염/점액낭포/두꺼비종 포함) | |
| 보험개발원 | 이빨 및 구강의 질환 | 구내염/설염 | |
| 보험개발원 | 이빨 및 구강의 질환 | 구개직물 | |
| 보험개발원 | 이빨 및 구강의 질환 | 구강 내외상처(치절등 포함) | |
| 보험개발원 | 이빨 및 구강의 질환 | 입술염 | |
| 보험개발원 | 이빨 및 구강의 질환 | 그 외의 치과 질환 | |
| 보험개발원 | 이빨 및 구강의 질환 | 그 외의 구강내 질환 | |
| 보험개발원 | 근골격계의 질환 | 골절(앞다리) | |
| 보험개발원 | 근골격계의 질환 | 골절(뒷다리) | |
| 보험개발원 | 근골격계의 질환 | 골절(골반) | |
| 보험개발원 | 근골격계의 질환 | 골절(그 외) | |
| 보험개발원 | 근골격계의 질환 | 환축관절 불안정증(환축탈구/환축아탈구 포함) | |
| 보험개발원 | 근골격계의 질환 | 뼈연골증(팔꿈치 돌기 유합 부전/리단성골연골증 포함) | |
| 보험개발원 | 근골격계의 질환 | 고관절 형성 부전 | |
| 보험개발원 | 근골격계의 질환 | 고관절 탈구/가랑이 관절아탈구 | |
| 보험개발원 | 근골격계의 질환 | 다발관절증 | |
| 보험개발원 | 근골격계의 질환 | 무릎관절증 | |
| 보험개발원 | 근골격계의 질환 | 발가락의 후천변형 | |
| 보험개발원 | 근골격계의 질환 | 사지의 기타 후천변형 | |
| 보험개발원 | 근골격계의 질환 | 무릎뼈의 장애 | |
| 보험개발원 | 근골격계의 질환 | 무릎의 내부장애 | |
| 보험개발원 | 근골격계의 질환 | 대퇴골두허혈성 괴사·렛그페르테스병 | |
| 보험개발원 | 근골격계의 질환 | 중지뼈 탈구/중지뼈아탈구 | |
| 보험개발원 | 근골격계의 질환 | 십자 인대 손상/십자 인대 단열(전/후) | |
| 보험개발원 | 근골격계의 질환 | 윤활막염 및 힘줄윤활막염 | |
| 보험개발원 | 근골격계의 질환 | 윤활막 및 힘줄의 자연 파열 | |
| 보험개발원 | 근골격계의 질환 | 변형성 관절증·퇴행성 관절증 | |
| 보험개발원 | 근골격계의 질환 | 비대성골관절증(비대성골이영양증/폐성골이영양증 포함) | |
| 보험개발원 | 근골격계의 질환 | 화농성 관절염 | |
| 보험개발원 | 근골격계의 질환 | 감염성 및 기생충성 질환에서의 관절의 직접 간염 | |
| 보험개발원 | 근골격계의 질환 | 반응성 관절병증 | |
| 보험개발원 | 근골격계의 질환 | 혈청검사양성 류마티스관절염 | |
| 보험개발원 | 근골격계의 질환 | 건선성 및 장병성 관절병 | |
| 보험개발원 | 근골격계의 질환 | 연소성 관절염 | |
| 보험개발원 | 근골격계의 질환 | 통풍 | |
| 보험개발원 | 근골격계의 질환 | 척추간판 헤르니아 | |
| 보험개발원 | 근골격계의 질환 | 추간 연골 척추염 | |
| 보험개발원 | 근골격계의 질환 | 강직척추염 | |
| 보험개발원 | 근골격계의 질환 | 변형성 척추증 | |
| 보험개발원 | 근골격계의 질환 | 경추간판장애 | |
| 보험개발원 | 근골격계의 질환 | 기타 추간판 장애 | |
| 보험개발원 | 근골격계의 질환 | 등통증 | |
| 보험개발원 | 근골격계의 질환 | 연골 형성 부전 | |
| 보험개발원 | 근골격계의 질환 | 근육 염증 | |
| 보험개발원 | 근골격계의 질환 | 근육의 석회화 및 골화 | |
| 보험개발원 | 근골격계의 질환 | 골수염 | |
| 보험개발원 | 근골격계의 질환 | 골괴사 | |

| 보험사 | 분류 | 소분류 | 코드 |
|-------|----------|------------------------|----|
| 보험개발원 | 근골격계의 질환 | 범골염 | |
| 보험개발원 | 근골격계의 질환 | 천문개존증 | |
| 보험개발원 | 근골격계의 질환 | 결절성 다발동맥염 및 관련 병태 | |
| 보험개발원 | 근골격계의 질환 | 기타 과사성 혈관병증 | |
| 보험개발원 | 근골격계의 질환 | 전신홍반투푸스 | |
| 보험개발원 | 근골격계의 질환 | 피부다발근염 | |
| 보험개발원 | 근골격계의 질환 | 전신경화증 | |
| 보험개발원 | 근골격계의 질환 | 그 외의 관절 탈구/그 외의 관절아 탈구 | |
| 보험개발원 | 근골격계의 질환 | 그 외의 관절질환 | |
| 보험개발원 | 근골격계의 질환 | 그 외의 관절장애 | |
| 보험개발원 | 근골격계의 질환 | 그 외의 뼈질환 | |
| 보험개발원 | 근골격계의 질환 | 그 외의 줄기 질환 | |
| 보험개발원 | 근골격계의 질환 | 그 외의 골밀도 및 구조장애 | |
| 보험개발원 | 근골격계의 질환 | 그 외의 골병증 | |
| 보험개발원 | 근골격계의 질환 | 그 외의 연골병증 | |
| 보험개발원 | 근골격계의 질환 | 그 외의 근골격계 질환 | |
| 보험개발원 | 근골격계의 질환 | 그 외의 근골격계 장애 | |
| 보험개발원 | 근골격계의 질환 | 그 외의 결합조직 장애 | |
| 보험개발원 | 근골격계의 질환 | 그 외의 등병증 | |
| 보험개발원 | 근골격계의 질환 | 그 외의 척추병증 | |
| 보험개발원 | 근골격계의 질환 | 그 외의 연조직장애 | |
| 보험개발원 | 근골격계의 질환 | 그 외의 전신결합조직장애 | |
| 보험개발원 | 피부의 질환 | 농피증 | |
| 보험개발원 | 피부의 질환 | 모낭염 | |
| 보험개발원 | 피부의 질환 | 지방과다분비증 | |
| 보험개발원 | 피부의 질환 | 피부염(아토피성) | |
| 보험개발원 | 피부의 질환 | 피부염(알레르기성) | |
| 보험개발원 | 피부의 질환 | 지간 피부염 | |
| 보험개발원 | 피부의 질환 | 그 외의 피부염 | |
| 보험개발원 | 피부의 질환 | 피부의 화농/피하농양/봉하직염 | |
| 보험개발원 | 피부의 질환 | 지방직염 | |
| 보험개발원 | 피부의 질환 | 각화 이상 | |
| 보험개발원 | 피부의 질환 | 호산구성 육아종증후군 | |
| 보험개발원 | 피부의 질환 | 천포창 | |
| 보험개발원 | 피부의 질환 | 아크네·좌창 | |
| 보험개발원 | 피부의 질환 | 두드러기 | |
| 보험개발원 | 피부의 질환 | 습진 | |
| 보험개발원 | 피부의 질환 | 발톱 장애 | |
| 보험개발원 | 피부의 질환 | 조주위염 | |
| 보험개발원 | 피부의 질환 | 지부 피부염(족저궤양/비절병 포함) | |
| 보험개발원 | 피부의 질환 | 그 외의 피부 질환 | |
| 보험개발원 | 피부의 질환 | 빈혈(면역 개재성 용혈성)-IMHA | |
| 보험개발원 | 피부의 질환 | 그 외의 빈혈 | |
| 보험개발원 | 피부의 질환 | 혈소판 감소증(면역 개재성)-ITP | |
| 보험개발원 | 피부의 질환 | 그 외의 혈소판 감소증 | |
| 보험개발원 | 피부의 질환 | 파종성 혈관내 응고 증후군-DIC | |
| 보험개발원 | 피부의 질환 | 전신성 붉은 반점성 낭창-SLE | |
| 보험개발원 | 피부의 질환 | 림프절염 | |
| 보험개발원 | 피부의 질환 | 비염전 | |
| 보험개발원 | 피부의 질환 | 그 외의 혈액 질환 | |
| 보험개발원 | 피부의 질환 | 그 외의 비장 질환 | |
| 보험개발원 | 피부의 질환 | 그 외의 면역 기구의 장애 | |
| 보험개발원 | 피부의 질환 | 갑상선 기능 항진증 | |
| 보험개발원 | 피부의 질환 | 갑상선 기능 저하증 | |
| 보험개발원 | 피부의 질환 | 부갑상샘 기능 항진증 | |

| 보험사 | 분류 | 소분류 | 코드 |
|-------|-----------------|-----------------------|----|
| 보험개발원 | 피부의 질환 | 부갑상샘 기능 저하증 | |
| 보험개발원 | 피부의 질환 | 부신피질 기능 항진증·쿠싱 증후군 | |
| 보험개발원 | 피부의 질환 | 부신피질 기능 저하증·애디슨병 | |
| 보험개발원 | 피부의 질환 | 당뇨병 | |
| 보험개발원 | 피부의 질환 | 에스트로겐 과잉증 | |
| 보험개발원 | 피부의 질환 | 하수체 기능 부전 | |
| 보험개발원 | 피부의 질환 | 요붕증 | |
| 보험개발원 | 피부의 질환 | 내분비 질환에 의한 피부 증상/탈모 | |
| 보험개발원 | 피부의 질환 | 그 외의 내분비 질환 | |
| 보험개발원 | 피부의 질환 | 그 외의 대사 질환 | |
| 보험개발원 | 감염증 | 개 디스템퍼·CDV | |
| 보험개발원 | 감염증 | 개 파보바이러스·CPV | |
| 보험개발원 | 감염증 | 개 아데노바이러스·CAV | |
| 보험개발원 | 감염증 | 개 포진 바이러스·CHV | |
| 보험개발원 | 감염증 | 개 파라인플루엔자·CPiV | |
| 보험개발원 | 감염증 | 개 콜로나 바이러스·CCV | |
| 보험개발원 | 감염증 | 켄넬코프 증후군·개전염성 호흡기 증후군 | |
| 보험개발원 | 감염증 | 고양이 범백혈구 감소증·FPV | |
| 보험개발원 | 감염증 | 고양이 전염성비기관염·FVR | |
| 보험개발원 | 감염증 | 고양이 칼리시바이러스·FCV | |
| 보험개발원 | 감염증 | 고양이 백혈병 바이러스·FeLV | |
| 보험개발원 | 감염증 | 고양이 면역 부전 바이러스·FIV | |
| 보험개발원 | 감염증 | 고양이 전염성 복막염·FIP | |
| 보험개발원 | 감염증 | 고양이 코로나 바이러스 감염증 | |
| 보험개발원 | 감염증 | 알류티안병 | |
| 보험개발원 | 감염증 | 렙토스피라증 | |
| 보험개발원 | 감염증 | 파스투렐라 감염증(스너플즈 포함) | |
| 보험개발원 | 감염증 | 크래미디아증 | |
| 보험개발원 | 감염증 | 앵무새병 | |
| 보험개발원 | 감염증 | 헤모플라즈마증(고양이 전염성 빈혈) | |
| 보험개발원 | 감염증 | 클립트 코카스증 | |
| 보험개발원 | 감염증 | 피부 사상균증 | |
| 보험개발원 | 감염증 | 마라세티아증 | |
| 보험개발원 | 감염증 | 그 외의 감염증 | |
| 보험개발원 | 기생충증(원생동물증포함) | 지아르지아증(편모충증) | |
| 보험개발원 | 기생충증(원생동물증포함) | 톡소플라즈마증 | |
| 보험개발원 | 기생충증(원생동물증포함) | 바베시아증 | |
| 보험개발원 | 기생충증(원생동물증포함) | 콕시디아증 | |
| 보험개발원 | 기생충증(원생동물증포함) | 회충증 | |
| 보험개발원 | 기생충증(원생동물증포함) | 촌충증 | |
| 보험개발원 | 기생충증(원생동물증포함) | 편충증 | |
| 보험개발원 | 기생충증(원생동물증포함) | 구충증·십이지장충증 | |
| 보험개발원 | 기생충증(원생동물증포함) | 간충증 | |
| 보험개발원 | 기생충증(원생동물증포함) | 모세선충증 | |
| 보험개발원 | 기생충증(원생동물증포함) | 개 사상충증·필라리라증 | |
| 보험개발원 | 기생충증(원생동물증포함) | 개선·비젠 진드기증 | |
| 보험개발원 | 기생충증(원생동물증포함) | 모낭충증·여드름 진드기증·아카라스증 | |
| 보험개발원 | 기생충증(원생동물증포함) | 귀개선증 | |
| 보험개발원 | 기생충증(원생동물증포함) | 발통 진드기증 | |
| 보험개발원 | 기생충증(원생동물증포함) | 벼룩 기생/참진드기 기생 | |
| 보험개발원 | 기생충증(원생동물증포함) | 이 기생/새이 기생 | |
| 보험개발원 | 기생충증(원생동물증포함) | 그 외의 기생충증 | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 알레르기(백신에 의한 것) | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 알레르기(상세 불명) | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 약진 | |

| 보험사 | 분류 | 소분류 | 코드 |
|-------|-----------------|--------------------------|----|
| 보험개발원 | 손상,중독 및 그 외의 외인 | 벌레 물림(벼룩/진드기 제외) | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 열사병 | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 화상 | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 물린 상처 | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 타박 | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 염좌 | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 외상(좌상/찰과상 포함) | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 교통사고 | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 사고 | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 양파 중독/파 중독 | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 초콜릿 중독 | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 담배 중독 | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 취약(혈액 응고 저지 물질) 중독 | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 이버멕틴 중독 | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 약물 중독 | |
| 보험개발원 | 손상,중독 및 그 외의 외인 | 그 외의 중독성 질환 | |
| 보험개발원 | 종양 질환 | 유선 종양/유선 종류 | |
| 보험개발원 | 종양 질환 | 비만세포종 | |
| 보험개발원 | 종양 질환 | 피부 종양/피부종류 | |
| 보험개발원 | 종양 질환 | 피하 종양/피하종류 | |
| 보험개발원 | 종양 질환 | 림프종 | |
| 보험개발원 | 종양 질환 | 지방종 | |
| 보험개발원 | 종양 질환 | 조직구종 | |
| 보험개발원 | 종양 질환 | 흑색 세포종·멜리노마 | |
| 보험개발원 | 종양 질환 | 부신 종양 | |
| 보험개발원 | 종양 질환 | 항문 주위 선종 | |
| 보험개발원 | 종양 질환 | 혈관 육종 | |
| 보험개발원 | 종양 질환 | 에플리스 | |
| 보험개발원 | 종양 질환 | 골육종 | |
| 보험개발원 | 종양 질환 | 뇌종양 | |
| 보험개발원 | 종양 질환 | 인슐린종 | |
| 보험개발원 | 종양 질환 | 그 외의 종양성 질환(입술/구강/인도) | |
| 보험개발원 | 종양 질환 | 그 외의 종양성 질환(소화기) | |
| 보험개발원 | 종양 질환 | 그 외의 종양성 질환(간/담관/췌) | |
| 보험개발원 | 종양 질환 | 그 외의 종양성 질환(호흡기/흉강 내장기) | |
| 보험개발원 | 종양 질환 | 그 외의 종양성 질환(뼈/관절/연골) | |
| 보험개발원 | 종양 질환 | 그 외의 종양성 질환(자성 생식기) | |
| 보험개발원 | 종양 질환 | 그 외의 종양성 질환(웅성 생식기) | |
| 보험개발원 | 종양 질환 | 그 외의 종양성 질환(비뇨기) | |
| 보험개발원 | 종양 질환 | 그 외의 종양성 질환(눈 및 부속기) | |
| 보험개발원 | 종양 질환 | 그 외의 종양성 질환(신경계) | |
| 보험개발원 | 종양 질환 | 그 외의 종양성 질환(내분비) | |
| 보험개발원 | 종양 질환 | 그 외의 종양성 질환(림프액 조직/조혈조직) | |
| 보험개발원 | 종양 질환 | 그 외의 종양성 질환(상세 불명) | |
| 보험개발원 | 종양 질환 | 종양/종류/MASS/응어리 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 발해 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 재채기 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 호흡 곤란 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 콧물(상세 불명) | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 코출혈 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 침흘림 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 연하 장애 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 구토 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 연변/설사/혈변 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 구토/설사 | |

| 보험사 | 분류 | 소분류 | 코드 |
|-------|---------------|--------------------------|----|
| 보험개발원 | 그 밖에 분류되지 않는것 | 복통·산통 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 귀의 가려움(상세 불명) | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 피부의 가려움(상세 불명) | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 탈모(상세 불명) | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 출혈(상세 불명) | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 동통 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 빈뇨 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 배뇨 장애 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 외음부종대 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 사경 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 떨림·진전 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 경련 발작 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 보행 이상/파행 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 실신 및 허탈 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 쇼크 증상(상세 불명) | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 발열(상세 불명) | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 다음다뇨 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 탈수(상세 불명) | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 삭수 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 비만 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 식욕 부진 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 건강 상실 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 컨디션 불량 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 간종대 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 비종(비종양성) | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 복수 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 황달(상세 불명) | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 림프절종대 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 부정맥(상세 불명) | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 심 잡음 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 다혈증·적혈구다증 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 빈혈(상세 불명) | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 백혈구 증가증 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 백혈구 감소증 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 간효소 상승 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 고혈당 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 고지혈증 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 고질소혈증 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 고칼슘혈증 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 저혈당 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 저알부민혈증 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 저단백혈증 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 저칼슘혈증 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 혈노/단백뇨/저비중뇨/노의 성질과 상태 이상 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 그 외의 증상 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 치매 | |
| 보험개발원 | 그 밖에 분류되지 않는것 | 분리 불안증 | |
| 보험개발원 | 건강진단및 예방조치 | 광견병 백신 | |
| 보험개발원 | 건강진단및 예방조치 | 그 외의 예방/의학적 처치 | |
| 보험개발원 | 건강진단및 예방조치 | 백신 접종(광견병 제외) | |
| 보험개발원 | 건강진단및 예방조치 | 벼룩 예방/진드기 예방 | |
| 보험개발원 | 건강진단및 예방조치 | 분변 검사 | |
| 보험개발원 | 건강진단및 예방조치 | 상담·교육·카운셀링 | |
| 보험개발원 | 건강진단및 예방조치 | 손톱깎이/귀청소/항문선조리개 | |
| 보험개발원 | 건강진단및 예방조치 | 신체검사 | |

| 보험사 | 분류 | 소분류 | 코드 |
|-------|------------|-----------------|-------|
| 보험개발원 | 건강진단및 예방조치 | 심전도 검사 | |
| 보험개발원 | 건강진단및 예방조치 | 알레르기 검사 | |
| 보험개발원 | 건강진단및 예방조치 | 요검사 | |
| 보험개발원 | 건강진단및 예방조치 | 유치 발치/발치 | |
| 보험개발원 | 건강진단및 예방조치 | 이빨 깎기/이빨 갈기 | |
| 보험개발원 | 건강진단및 예방조치 | 자궁경부세포진 검사 | |
| 보험개발원 | 건강진단및 예방조치 | 초음파 검사.에코 검사 | |
| 보험개발원 | 건강진단및 예방조치 | 치구/치석 제거/슬캘링 | |
| 보험개발원 | 건강진단및 예방조치 | 트리밍(털깎이 포함) | |
| 보험개발원 | 건강진단및 예방조치 | 피임 수술/거세 수술 | |
| 보험개발원 | 건강진단및 예방조치 | 필라리아 예방/필라리아 검사 | |
| 보험개발원 | 건강진단및 예방조치 | 항체 검사/항원 검사 | |
| 보험개발원 | 건강진단및 예방조치 | 혈액검사 | |
| 보험개발원 | 건강진단및 예방조치 | X레이 검사 | |
| 보험개발원 | 생식기계 질환 | 자궁 축농증 | |
| 보험개발원 | 생식기계 질환 | 자궁내막염 | |
| 보험개발원 | 생식기계 질환 | 자궁염전 | |
| 보험개발원 | 생식기계 질환 | 잠재 정소 | |
| 보험개발원 | 생식기계 질환 | 전립선 비대 | |
| 보험개발원 | 생식기계 질환 | 전립선낭포 | |
| 보험개발원 | 생식기계 질환 | 전립선염/전립선농양 | |
| 보험개발원 | 생식기계 질환 | 정소염 | |
| 보험개발원 | 생식기계 질환 | 제왕 절개 | |
| 보험개발원 | 생식기계 질환 | 조산 | |
| 보험개발원 | 생식기계 질환 | 질염 | |
| 보험개발원 | 생식기계 질환 | 질탈/자궁탈 | |
| 보험개발원 | 생식기계 질환 | 태반 정체 | |
| 보험개발원 | 생식기계 질환 | 포경 및 감돈 포경 | |
| 삼성생명 | 생식기계 | 감돈포경 | GE231 |
| 삼성생명 | 생식기계 | 기타 선천성 생식기계 질환 | GE301 |
| 삼성생명 | 생식기계 | 기타 수컷 생식기 질환 | GE271 |
| 삼성생명 | 생식기계 | 기타 암컷 생식기 질환 | GE181 |
| 삼성생명 | 생식기계 | 난산/ 이상분만 | GE111 |
| 삼성생명 | 생식기계 | 난소 낭종 | GE021 |
| 삼성생명 | 생식기계 | 반음양 | GE291 |
| 삼성생명 | 생식기계 | 발정주기이상 | GE161 |
| 삼성생명 | 생식기계 | 번식장애 | GE281 |
| 삼성생명 | 생식기계 | 부정 출혈 | GE141 |
| 삼성생명 | 생식기계 | 외음부 분비물 | GE151 |
| 삼성생명 | 생식기계 | 위임신 | GE171 |
| 삼성생명 | 생식기계 | 유산 | GE101 |
| 삼성생명 | 생식기계 | 유선염 | GE011 |
| 삼성생명 | 생식기계 | 음경의 외상 | GE221 |
| 삼성생명 | 생식기계 | 자궁 내막염 | GE041 |
| 삼성생명 | 생식기계 | 자궁 수종 | GE051 |
| 삼성생명 | 생식기계 | 자궁 염전 | GE061 |
| 삼성생명 | 생식기계 | 자궁 축농증 | GE031 |
| 삼성생명 | 건강검진,예방진료 | 건강검진 | PR141 |
| 삼성생명 | 건강검진,예방진료 | 귀 청소 | PR101 |
| 삼성생명 | 건강검진,예방진료 | 그 외 예방, 의학적 처치 | PR161 |
| 삼성생명 | 건강검진,예방진료 | 내부 기생충 예방 | PR031 |
| 삼성생명 | 건강검진,예방진료 | 미용 | PR121 |
| 삼성생명 | 건강검진,예방진료 | 발치 | PR071 |
| 삼성생명 | 건강검진,예방진료 | 발톱 손질 | PR091 |
| 삼성생명 | 건강검진,예방진료 | 백신접종 | PR011 |

| 보험사 | 분류 | 소분류 | 코드 |
|------|-----------|------------------|-------|
| 삼성생명 | 건강검진,예방진료 | 상담 | PR151 |
| 삼성생명 | 건강검진,예방진료 | 심장사상충 예방 | PR021 |
| 삼성생명 | 건강검진,예방진료 | 외부 기생충 예방 | PR041 |
| 삼성생명 | 간담체계 | 간염 | LP011 |
| 삼성생명 | 간담체계 | 지방간 | LP021 |
| 삼성생명 | 간담체계 | 간농양 | LP031 |
| 삼성생명 | 간담체계 | 간경변 | LP041 |
| 삼성생명 | 간담체계 | 간기능부전 | LP051 |
| 삼성생명 | 간담체계 | 간성 뇌장해 | LP061 |
| 삼성생명 | 간담체계 | 간문맥 전신 단락증 | LP071 |
| 삼성생명 | 간담체계 | 담관염 | LP081 |
| 삼성생명 | 간담체계 | 담석증 | LP091 |
| 삼성생명 | 간담체계 | 담낭점액종 | LP101 |
| 삼성생명 | 간담체계 | 췌장염 | LP111 |
| 삼성생명 | 간담체계 | 췌장 외분비 부전 | LP121 |
| 삼성생명 | 간담체계 | 선천성 간담체 질환 | LP131 |
| 삼성생명 | 간담체계 | 기타 간,담도계 질환 | LP141 |
| 삼성생명 | 간담체계 | 기타 췌장 질환 | LP151 |
| 삼성생명 | 감염질환 | 개 디스토펜바이러스감염 | IF011 |
| 삼성생명 | 감염질환 | 개 파보바이러스감염 | IF021 |
| 삼성생명 | 감염질환 | 개 아데노바이러스 1 형 감염 | IF031 |
| 삼성생명 | 감염질환 | 개 아데노바이러스 2 형 감염 | IF041 |
| 삼성생명 | 감염질환 | 개 허피스바이러스감염 | IF051 |
| 삼성생명 | 감염질환 | 개 파라인플레인지감염 | IF061 |
| 삼성생명 | 감염질환 | 개 코로나바이러스감염 | IF071 |
| 삼성생명 | 감염질환 | 개 켈넬코프증후군 | IF081 |
| 삼성생명 | 감염질환 | 고양이 범백혈구감소증 | IF091 |
| 삼성생명 | 감염질환 | 고양이 전염성 기관지염 | IF101 |
| 삼성생명 | 감염질환 | 고양이 칼리시 바이러스감염 | IF111 |
| 삼성생명 | 감염질환 | 고양이 백혈병 바이러스감염 | IF121 |
| 삼성생명 | 감염질환 | 고양이 면역결핍 바이러스감염 | IF131 |
| 삼성생명 | 감염질환 | 고양이 전염성 복막염 | IF141 |
| 삼성생명 | 감염질환 | 고양이 코로나 바이러스 감염 | IF151 |
| 삼성생명 | 감염질환 | 광견병 | IF161 |
| 삼성생명 | 감염질환 | 렘토스피라 감염증 | IF171 |
| 삼성생명 | 감염질환 | 클라미디아 감염증 | IF181 |
| 삼성생명 | 감염질환 | 크립토코커스 감염증 | IF191 |
| 삼성생명 | 감염질환 | 피부사상균증 | IF201 |
| 삼성생명 | 감염질환 | 말라세피아 감염증 | IF211 |
| 삼성생명 | 감염질환 | 기타 감염증 | IF221 |
| 삼성생명 | 건강검진,예방진료 | 유치 발치 | PR081 |
| 삼성생명 | 건강검진,예방진료 | 중성화 수술 | PR051 |
| 삼성생명 | 건강검진,예방진료 | 치석 제거 | PR061 |
| 삼성생명 | 건강검진,예방진료 | 항문낭 짜기 | PR111 |
| 삼성생명 | 건강검진,예방진료 | 항체검사 | PR131 |
| 삼성생명 | 귀질환 | 전정 질환 | AU061 |
| 삼성생명 | 귀질환 | 선청성 난청 | AU071 |
| 삼성생명 | 귀질환 | 기타 선청성 귀질환 | AU081 |
| 삼성생명 | 귀질환 | 그 외 귀 질환 | AU091 |
| 삼성생명 | 귀질환 | 외이염, 외이도염 | AU011 |
| 삼성생명 | 귀질환 | 귀의 혈종 | AU021 |
| 삼성생명 | 귀질환 | 귓바퀴 질환 | AU031 |
| 삼성생명 | 귀질환 | 중이염 | AU041 |
| 삼성생명 | 귀질환 | 내이염 | AU051 |
| 삼성생명 | 근골격계질환 | 골절 (전지) | SK011 |

| 보험사 | 분류 | 소분류 | 코드 |
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| 삼성생명 | 근골격계질환 | 골절 (후지) | SK021 |
| 삼성생명 | 근골격계질환 | 골절 (골반) | SK031 |
| 삼성생명 | 근골격계질환 | 골절 (기타) | SK041 |
| 삼성생명 | 근골격계질환 | 전지 요골 만곡증 | SK051 |
| 삼성생명 | 근골격계질환 | 팔꿈치 관절 형성부전 | SK061 |
| 삼성생명 | 근골격계질환 | 팔꿈치 관절 척골 이탈 | SK071 |
| 삼성생명 | 근골격계질환 | 팔꿈치 관절 요골 이탈 | SK081 |
| 삼성생명 | 근골격계질환 | Atlanto Axial Instability | SK091 |
| 삼성생명 | 근골격계질환 | 생후 골유합 부전 | SK101 |
| 삼성생명 | 근골격계질환 | 고관절 형성 부전 | SK111 |
| 삼성생명 | 근골격계질환 | 고관절 탈구/아탈구 | SK121 |
| 삼성생명 | 근골격계질환 | 대퇴골두허혈성괴사 | SK131 |
| 삼성생명 | 근골격계질환 | 슬관절 탈구/아탈구 | SK141 |
| 삼성생명 | 근골격계질환 | 십자인대손상/파열 | SK151 |
| 삼성생명 | 근골격계질환 | 퇴행성 관절질환 | SK161 |
| 삼성생명 | 근골격계질환 | 관절염 | SK171 |
| 삼성생명 | 근골격계질환 | 추간판 허니아 | SK181 |
| 삼성생명 | 근골격계질환 | 추간판 척추염 | SK191 |
| 삼성생명 | 근골격계질환 | 연골형성부전 | SK201 |
| 삼성생명 | 근골격계질환 | 근염 | SK211 |
| 삼성생명 | 근골격계질환 | 골수염 | SK221 |
| 삼성생명 | 근골격계질환 | 범골염 | SK231 |
| 삼성생명 | 근골격계질환 | 두개골 유합부전 | SK241 |
| 삼성생명 | 근골격계질환 | 기타 선형성 근골격계 질환 | SK251 |
| 삼성생명 | 근골격계질환 | 기타 관절 탈구/아탈구 | SK261 |
| 삼성생명 | 근골격계질환 | 기타 관절 질환 | SK271 |
| 삼성생명 | 근골격계질환 | 기타 근질환 | SK281 |
| 삼성생명 | 근골격계질환 | 기타 근골격계 질환 | SK291 |
| 삼성생명 | 기생충질환 | 지알디아 감염 | PA011 |
| 삼성생명 | 기생충질환 | 톡소플라즈마 감염 | PA021 |
| 삼성생명 | 기생충질환 | 바베시아 감염 | PA031 |
| 삼성생명 | 기생충질환 | 회충 감염 | PA041 |
| 삼성생명 | 기생충질환 | 조충 감염 | PA051 |
| 삼성생명 | 기생충질환 | 편충 감염 | PA061 |
| 삼성생명 | 기생충질환 | 조충 감염 | PA071 |
| 삼성생명 | 기생충질환 | 분선충 감염 | PA081 |
| 삼성생명 | 기생충질환 | 모세선충 감염 | PA091 |
| 삼성생명 | 기생충질환 | 심장사상충 감염 | PA101 |
| 삼성생명 | 기생충질환 | 개선충 감염 | PA111 |
| 삼성생명 | 기생충질환 | 모낭충 감염 | PA121 |
| 삼성생명 | 기생충질환 | 진드기 감염 | PA131 |
| 삼성생명 | 기생충질환 | 벼룩 감염 | PA141 |
| 삼성생명 | 기생충질환 | 이 감염 | PA151 |
| 삼성생명 | 기생충질환 | 기타 기생충증 | PA161 |
| 삼성생명 | 내분비및대사질환 | 갑상선 기능항진증 | EM011 |
| 삼성생명 | 내분비및대사질환 | 갑상선 기능저하증 | EM021 |
| 삼성생명 | 내분비및대사질환 | 부갑상선 기능항진증 | EM031 |
| 삼성생명 | 내분비및대사질환 | 부갑상선 기능저하증 | EM041 |
| 삼성생명 | 내분비및대사질환 | 부신피질 기능항진증 (Cushing) | EM051 |
| 삼성생명 | 내분비및대사질환 | 부신피질 기능저하증 (Addison) | EM061 |
| 삼성생명 | 내분비및대사질환 | 당뇨병 | EM071 |
| 삼성생명 | 내분비및대사질환 | 뇌하수체 기능부전 | EM081 |
| 삼성생명 | 내분비및대사질환 | 뇨붕증 | EM091 |
| 삼성생명 | 내분비및대사질환 | 내분비 이상에 의한 피부질환 | EM101 |
| 삼성생명 | 내분비및대사질환 | 기타 선천성 내분비 질환 | EM111 |

| 보험사 | 분류 | 소분류 | 코드 |
|------|----------|--------------|-------|
| 삼성생명 | 내분비및대사질환 | 기타 내분비 질환 | EM121 |
| 삼성생명 | 내분비및대사질환 | 기타 선천성 대사 질환 | EM131 |
| 삼성생명 | 내분비및대사질환 | 기타 대사 질환 | EM141 |
| 삼성생명 | 비뇨기계 | 사구체 신염 | UR011 |
| 삼성생명 | 비뇨기계 | 신우신염 | UR021 |
| 삼성생명 | 비뇨기계 | 신장 결석 | UR031 |
| 삼성생명 | 비뇨기계 | 수신증 | UR041 |
| 삼성생명 | 비뇨기계 | 신부전 | UR051 |
| 삼성생명 | 비뇨기계 | 방광염 | UR061 |
| 삼성생명 | 비뇨기계 | 방광결석 | UR071 |
| 삼성생명 | 비뇨기계 | 요도폐색 | UR081 |
| 삼성생명 | 비뇨기계 | 요도결석 | UR091 |
| 삼성생명 | 비뇨기계 | 요독증 | UR101 |
| 삼성생명 | 비뇨기계 | 이소성 요관 | UR111 |
| 삼성생명 | 비뇨기계 | 방광 계실 | UR121 |
| 삼성생명 | 비뇨기계 | 고양이 하부 요로질환 | UR131 |
| 삼성생명 | 비뇨기계 | 선천성 비뇨기 질환 | UR141 |
| 삼성생명 | 비뇨기계 | 기타 비뇨기 질환 | UR151 |
| 삼성생명 | 생식기계 | 잠복 고환 | GE191 |
| 삼성생명 | 생식기계 | 전립선낭포 | GE251 |
| 삼성생명 | 생식기계 | 전립선비대 | GE261 |
| 삼성생명 | 생식기계 | 전립선염/ 농양 | GE241 |
| 삼성생명 | 생식기계 | 정소염 | GE201 |
| 삼성생명 | 생식기계 | 제왕절개 | GE121 |
| 삼성생명 | 생식기계 | 조산 | GE091 |
| 삼성생명 | 생식기계 | 질염 | GE071 |
| 삼성생명 | 생식기계 | 질탈/ 자궁탈 | GE081 |
| 삼성생명 | 생식기계 | 태반정체 | GE131 |
| 삼성생명 | 생식기계 | 포피염 | GE211 |
| 삼성생명 | 소화기계 | 식도염 | GI011 |
| 삼성생명 | 소화기계 | 식도 협착/폐색 | GI021 |
| 삼성생명 | 소화기계 | 식도 계실 | GI031 |
| 삼성생명 | 소화기계 | 거대식도 | GI041 |
| 삼성생명 | 소화기계 | 유문 협착/폐색 | GI051 |
| 삼성생명 | 소화기계 | 위염 | GI061 |
| 삼성생명 | 소화기계 | 위궤양 | GI071 |
| 삼성생명 | 소화기계 | 위확장염전 | GI081 |
| 삼성생명 | 소화기계 | 위장장애 | GI091 |
| 삼성생명 | 소화기계 | 장염 | GI101 |
| 삼성생명 | 소화기계 | 십이지장궤양 | GI111 |
| 삼성생명 | 소화기계 | 단백소실성 장병증 | GI121 |
| 삼성생명 | 소화기계 | 대장염 | GI131 |
| 삼성생명 | 소화기계 | 장중첩 | GI141 |
| 삼성생명 | 소화기계 | 장폐색 | GI151 |
| 삼성생명 | 소화기계 | 거대결장 | GI161 |
| 삼성생명 | 소화기계 | 직장 허니아 | GI171 |
| 삼성생명 | 소화기계 | 항문낭염/항문낭파열 | GI181 |
| 삼성생명 | 소화기계 | 항문주위염 | GI191 |
| 삼성생명 | 소화기계 | 소화기의 이완불능증 | GI201 |
| 삼성생명 | 소화기계 | 복막염 | GI211 |
| 삼성생명 | 소화기계 | 변비 | GI221 |
| 삼성생명 | 소화기계 | 횡경막 허니아 | GI231 |
| 삼성생명 | 소화기계 | 제대 허니아 | GI241 |
| 삼성생명 | 소화기계 | 서혜 허니아 | GI251 |
| 삼성생명 | 소화기계 | 복막 허니아 | GI261 |

| 보험사 | 분류 | 소분류 | 코드 |
|------|----------|------------------|-------|
| 삼성생명 | 소화기계 | 회음 허니아 | GI271 |
| 삼성생명 | 소화기계 | 소화관내 이물 | GI281 |
| 삼성생명 | 소화기계 | 헤어블 정체 | GI291 |
| 삼성생명 | 소화기계 | 선천성 소화기계 질환 | GI301 |
| 삼성생명 | 소화기계 | 기타 소화기계 질환 | GI311 |
| 삼성생명 | 손상,중독및외상 | 과민 반응 | TX011 |
| 삼성생명 | 손상,중독및외상 | 곤충에 물림 (기생충 제외) | TX021 |
| 삼성생명 | 손상,중독및외상 | 열사병 | TX031 |
| 삼성생명 | 손상,중독및외상 | 열증 | TX041 |
| 삼성생명 | 손상,중독및외상 | 교상 | TX051 |
| 삼성생명 | 손상,중독및외상 | 타박 | TX061 |
| 삼성생명 | 손상,중독및외상 | 염좌 | TX071 |
| 삼성생명 | 손상,중독및외상 | 외상 | TX081 |
| 삼성생명 | 손상,중독및외상 | 교통사고 | TX091 |
| 삼성생명 | 손상,중독및외상 | 사고 | TX101 |
| 삼성생명 | 손상,중독및외상 | 양파 중독 | TX111 |
| 삼성생명 | 손상,중독및외상 | 초콜릿 중독 | TX121 |
| 삼성생명 | 손상,중독및외상 | 살서제 중독 | TX131 |
| 삼성생명 | 손상,중독및외상 | 이버멕틴 중독 | TX141 |
| 삼성생명 | 손상,중독및외상 | 유기인제 중독 | TX151 |
| 삼성생명 | 손상,중독및외상 | 약물 중독 | TX161 |
| 삼성생명 | 손상,중독및외상 | 기타 중독성 질환 | TX171 |
| 삼성생명 | 순환기계 | 이첨판폐쇄부전 | CA011 |
| 삼성생명 | 순환기계 | 삼첨판폐쇄부전 | CA021 |
| 삼성생명 | 순환기계 | 대동맥판폐쇄부전 | CA031 |
| 삼성생명 | 순환기계 | 동맥관개존증 | CA041 |
| 삼성생명 | 순환기계 | 심방중격결손 | CA051 |
| 삼성생명 | 순환기계 | 심실중격결손 | CA061 |
| 삼성생명 | 순환기계 | 우대동맥궁 잔존 | CA071 |
| 삼성생명 | 순환기계 | 대동맥협착증 | CA081 |
| 삼성생명 | 순환기계 | 폐동맥협착증 | CA091 |
| 삼성생명 | 순환기계 | 심근증 | CA101 |
| 삼성생명 | 순환기계 | 심비대 | CA111 |
| 삼성생명 | 순환기계 | 심부전 | CA121 |
| 삼성생명 | 순환기계 | 심내막염 | CA131 |
| 삼성생명 | 순환기계 | 심낭수종 | CA141 |
| 삼성생명 | 순환기계 | 혈전/색전증 | CA151 |
| 삼성생명 | 순환기계 | 부정맥/전도 장애 | CA161 |
| 삼성생명 | 순환기계 | 심정지 | CA171 |
| 삼성생명 | 순환기계 | 기타 선천성 순환기계 질환 | CA181 |
| 삼성생명 | 순환기계 | 기타 심질환 | CA191 |
| 삼성생명 | 순환기계 | 기타 혈관 질환 | CA201 |
| 삼성생명 | 순환기계 | 기타 림프계 질환 | CA211 |
| 삼성생명 | 순환기계 | 기타 순환기계 질환 | CA221 |
| 삼성생명 | 신경계 | 간질 발작 | NE011 |
| 삼성생명 | 신경계 | 선천성 뇌수두증 | NE021 |
| 삼성생명 | 신경계 | 뇌수두증 | NE031 |
| 삼성생명 | 신경계 | 뇌/수막염 | NE041 |
| 삼성생명 | 신경계 | 뇌부종 | NE051 |
| 삼성생명 | 신경계 | 뇌손상 | NE061 |
| 삼성생명 | 신경계 | 뇌질환 | NE071 |
| 삼성생명 | 신경계 | 척수염 | NE081 |
| 삼성생명 | 신경계 | 척수연화증 | NE091 |
| 삼성생명 | 신경계 | 척수질환(추간판 허니아 제외) | NE101 |
| 삼성생명 | 신경계 | Cauda Equena 증후군 | NE111 |

| 보험사 | 분류 | 소분류 | 코드 |
|------|--------|-----------------|-------|
| 삼성생명 | 신경계 | 호너 증후군 | NE121 |
| 삼성생명 | 신경계 | 말초신경질환 | NE131 |
| 삼성생명 | 신경계 | 마비 | NE141 |
| 삼성생명 | 신경계 | 선천성 신경계 질환 | NE151 |
| 삼성생명 | 신경계 | 기타 신경계 질환 | NE161 |
| 삼성생명 | 안과 | 결막염 | OP011 |
| 삼성생명 | 안과 | 각막염 | OP021 |
| 삼성생명 | 안과 | 각막 궤양/미란 | OP031 |
| 삼성생명 | 안과 | 건성 각결막염 | OP041 |
| 삼성생명 | 안과 | 각막 위축 | OP051 |
| 삼성생명 | 안과 | 포도막염 | OP061 |
| 삼성생명 | 안과 | 전안방출혈 | OP071 |
| 삼성생명 | 안과 | 백내장 | OP081 |
| 삼성생명 | 안과 | 백내장 (저연령성) | OP091 |
| 삼성생명 | 안과 | 수정체 탈구 | OP101 |
| 삼성생명 | 안과 | 안방수 흐림 | OP111 |
| 삼성생명 | 안과 | 망막염/ 망막변성 | OP121 |
| 삼성생명 | 안과 | 망막박리 | OP131 |
| 삼성생명 | 안과 | 녹내장 | OP141 |
| 삼성생명 | 안과 | 제 3 안검염 | OP151 |
| 삼성생명 | 안과 | 제 3 안검의 탈출 | OP161 |
| 삼성생명 | 안과 | 마이보미안염 | OP171 |
| 삼성생명 | 안과 | 마이보미안염중 | OP181 |
| 삼성생명 | 안과 | 접모질환(난생,중생,이소성) | OP191 |
| 삼성생명 | 안과 | 누관폐색 | OP201 |
| 삼성생명 | 안과 | 안검염 | OP211 |
| 삼성생명 | 안과 | 안검 내/외번증 | OP221 |
| 삼성생명 | 안과 | 눈꺼풀질환 | OP231 |
| 삼성생명 | 안과 | 유루증 | OP241 |
| 삼성생명 | 안과 | 실명 | OP251 |
| 삼성생명 | 안과 | 안와 형성 부전 | OP261 |
| 삼성생명 | 안과 | 기타 선천성 안과질환 | OP271 |
| 삼성생명 | 안과 | 기타 안과 질환 | OP281 |
| 삼성생명 | 조혈장기질환 | 실혈성 빈혈 | HP011 |
| 삼성생명 | 조혈장기질환 | 재생 불량성 빈혈 | HP021 |
| 삼성생명 | 조혈장기질환 | 면역 매개성 빈혈 | HP031 |
| 삼성생명 | 조혈장기질환 | 기타 빈혈 | HP041 |
| 삼성생명 | 조혈장기질환 | 면역 매개성 혈소판 감소증 | HP051 |
| 삼성생명 | 조혈장기질환 | 기타 혈소판 감소증 | HP061 |
| 삼성생명 | 조혈장기질환 | DIC | HP071 |
| 삼성생명 | 조혈장기질환 | 전신홍반성낭창 (SLE) | HP081 |
| 삼성생명 | 조혈장기질환 | 림프절염 | HP091 |
| 삼성생명 | 조혈장기질환 | 비장 염전 | HP101 |
| 삼성생명 | 조혈장기질환 | 기타 선천성 조혈장기 질환 | HP111 |
| 삼성생명 | 조혈장기질환 | 기타 혈액 질환 | HP121 |
| 삼성생명 | 조혈장기질환 | 기타 비장 질환 | HP131 |
| 삼성생명 | 조혈장기질환 | 기타 면역계 장애 | HP141 |
| 삼성생명 | 종양질환 | 유선 종양 | OC011 |
| 삼성생명 | 종양질환 | 비만세포종 | OC021 |
| 삼성생명 | 종양질환 | 피부 종양 | OC031 |
| 삼성생명 | 종양질환 | 피하 종양 | OC041 |
| 삼성생명 | 종양질환 | 림프종 | OC051 |
| 삼성생명 | 종양질환 | 지방종 | OC061 |
| 삼성생명 | 종양질환 | 조직구종 | OC071 |
| 삼성생명 | 종양질환 | 흑색종 | OC081 |

| 보험사 | 분류 | 소분류 | 코드 |
|------|----------|----------------|-------|
| 삼성생명 | 종양질환 | 부신종양 | OC091 |
| 삼성생명 | 종양질환 | 항문주위선종양 | OC101 |
| 삼성생명 | 종양질환 | 혈관육종 | OC111 |
| 삼성생명 | 종양질환 | 골육종 | OC121 |
| 삼성생명 | 종양질환 | 뇌종양 | OC131 |
| 삼성생명 | 종양질환 | 종양 (구강, 인후) | OC141 |
| 삼성생명 | 종양질환 | 종양 (소화기) | OC151 |
| 삼성생명 | 종양질환 | 종양 (간담체) | OC161 |
| 삼성생명 | 종양질환 | 종양 (호흡기, 흉강장기) | OC171 |
| 삼성생명 | 종양질환 | 종양 (골, 관절, 연골) | OC181 |
| 삼성생명 | 종양질환 | 종양 (수컷 생식기) | OC191 |
| 삼성생명 | 종양질환 | 종양 (암컷 생식기) | OC201 |
| 삼성생명 | 종양질환 | 종양 (비뇨기) | OC211 |
| 삼성생명 | 종양질환 | 종양 (눈 및 부속기) | OC221 |
| 삼성생명 | 종양질환 | 종양 (신경계) | OC231 |
| 삼성생명 | 종양질환 | 종양 (내분비) | OC241 |
| 삼성생명 | 종양질환 | 종양 (림프/조혈조직) | OC251 |
| 삼성생명 | 종양질환 | 기타 종양 | OC261 |
| 삼성생명 | 종양질환 | MASS | OC271 |
| 삼성생명 | 증상또는이상소견 | 콧물 | SY041 |
| 삼성생명 | 증상또는이상소견 | 비출혈 | SY051 |
| 삼성생명 | 증상또는이상소견 | 침흘림 | SY061 |
| 삼성생명 | 증상또는이상소견 | 연하곤란 | SY071 |
| 삼성생명 | 증상또는이상소견 | 구토 | SY081 |
| 삼성생명 | 증상또는이상소견 | 설사 | SY091 |
| 삼성생명 | 증상또는이상소견 | 복통 | SY101 |
| 삼성생명 | 증상또는이상소견 | 귀 소양감 | SY111 |
| 삼성생명 | 증상또는이상소견 | 피부 소양감 | SY121 |
| 삼성생명 | 증상또는이상소견 | 탈모 | SY131 |
| 삼성생명 | 증상또는이상소견 | 출혈 | SY141 |
| 삼성생명 | 증상또는이상소견 | 빈뇨 | SY151 |
| 삼성생명 | 증상또는이상소견 | 배뇨장애 | SY161 |
| 삼성생명 | 증상또는이상소견 | 외음부 종대 | SY171 |
| 삼성생명 | 증상또는이상소견 | 사경 | SY181 |
| 삼성생명 | 증상또는이상소견 | 몸떨음 | SY191 |
| 삼성생명 | 증상또는이상소견 | 경련발작 | SY201 |
| 삼성생명 | 증상또는이상소견 | 파행 | SY211 |
| 삼성생명 | 증상또는이상소견 | 실신/허탈 | SY221 |
| 삼성생명 | 증상또는이상소견 | Shock | SY231 |
| 삼성생명 | 증상또는이상소견 | 발열 | SY241 |
| 삼성생명 | 증상또는이상소견 | 다음다뇨 | SY251 |
| 삼성생명 | 증상또는이상소견 | 탈수 | SY261 |
| 삼성생명 | 증상또는이상소견 | 식욕부진 | SY271 |
| 삼성생명 | 증상또는이상소견 | 원기소실 | SY281 |
| 삼성생명 | 증상또는이상소견 | 복수 | SY291 |
| 삼성생명 | 증상또는이상소견 | 황달 | SY301 |
| 삼성생명 | 증상또는이상소견 | 림프절 종대 | SY311 |
| 삼성생명 | 증상또는이상소견 | 부정맥 | SY321 |
| 삼성생명 | 증상또는이상소견 | 심잡음 | SY331 |
| 삼성생명 | 증상또는이상소견 | 적혈구 증가 | SY341 |
| 삼성생명 | 증상또는이상소견 | 백혈구 증가 | SY351 |
| 삼성생명 | 증상또는이상소견 | 백혈구 감소 | SY361 |
| 삼성생명 | 증상또는이상소견 | 고혈당 | SY371 |
| 삼성생명 | 증상또는이상소견 | 고지혈증 | SY381 |
| 삼성생명 | 증상또는이상소견 | 고질소혈증 | SY391 |

| 보험사 | 분류 | 소분류 | 코드 |
|------|----------|-------------------|-------|
| 삼성생명 | 증상또는이상소견 | 고칼슘혈증 | SY401 |
| 삼성생명 | 증상또는이상소견 | 저혈당 | SY411 |
| 삼성생명 | 증상또는이상소견 | 저알부민혈증 | SY421 |
| 삼성생명 | 증상또는이상소견 | 저칼슘혈증 | SY431 |
| 삼성생명 | 증상또는이상소견 | 혈뇨/단백뇨/저비중뇨 등 뇨이상 | SY441 |
| 삼성생명 | 증상또는이상소견 | 분리 불안증 | SY451 |
| 삼성생명 | 증상또는이상소견 | 치매 증상 | SY461 |
| 삼성생명 | 증상또는이상소견 | 정신 증상 | SY471 |
| 삼성생명 | 증상또는이상소견 | 기타 | SY481 |
| 삼성생명 | 증상또는이상소견 | 기침 | SY011 |
| 삼성생명 | 증상또는이상소견 | 재채기 | SY021 |
| 삼성생명 | 증상또는이상소견 | 호흡곤란 | SY031 |
| 삼성생명 | 치과및구강질환 | 치주염 | DO011 |
| 삼성생명 | 치과및구강질환 | 치침 농양 | DO021 |
| 삼성생명 | 치과및구강질환 | 부정 교합 | DO031 |
| 삼성생명 | 치과및구강질환 | 유치 잔존 | DO041 |
| 삼성생명 | 치과및구강질환 | 타액선질환 | DO051 |
| 삼성생명 | 치과및구강질환 | 구내염/ 설염 | DO061 |
| 삼성생명 | 치과및구강질환 | 구개열 | DO071 |
| 삼성생명 | 치과및구강질환 | 구강내 외상 | DO081 |
| 삼성생명 | 치과및구강질환 | 구순염 | DO091 |
| 삼성생명 | 치과및구강질환 | 하악골 염증 | DO101 |
| 삼성생명 | 치과및구강질환 | 치아 및 턱뼈의 형성 부전 | DO111 |
| 삼성생명 | 치과및구강질환 | 선천성 치과 질환 | DO121 |
| 삼성생명 | 치과및구강질환 | 선천성 구강 질환 | DO131 |
| 삼성생명 | 치과및구강질환 | 기타 치과 질환 | DO141 |
| 삼성생명 | 치과및구강질환 | 기타 구강내 질환 | DO151 |
| 삼성생명 | 피부질환 | 농피증 | SN011 |
| 삼성생명 | 피부질환 | 기타 세균성 피부염 | SN021 |
| 삼성생명 | 피부질환 | 모낭염 | SN031 |
| 삼성생명 | 피부질환 | 지루 | SN041 |
| 삼성생명 | 피부질환 | 아토피성 피부염 | SN051 |
| 삼성생명 | 피부질환 | 알러지성 피부염 | SN061 |
| 삼성생명 | 피부질환 | 시간 피부염 | SN071 |
| 삼성생명 | 피부질환 | 기타 피부염 | SN081 |
| 삼성생명 | 피부질환 | 피하 농양/봉와직염 | SN091 |
| 삼성생명 | 피부질환 | 지방조직염 | SN101 |
| 삼성생명 | 피부질환 | 각화이상 | SN111 |
| 삼성생명 | 피부질환 | 호산구성 육아종 | SN121 |
| 삼성생명 | 피부질환 | 자상 | SN131 |
| 삼성생명 | 피부질환 | 두드러기 | SN141 |
| 삼성생명 | 피부질환 | 습진 | SN151 |
| 삼성생명 | 피부질환 | 손톱 질환 | SN161 |
| 삼성생명 | 피부질환 | 다리 부위 피부염 | SN171 |
| 삼성생명 | 피부질환 | 기타 피부질환 | SN181 |
| 삼성생명 | 피부질환 | 기타 선천성 피부질환 | SN191 |
| 삼성생명 | 호흡기계 | 비염 | RE011 |
| 삼성생명 | 호흡기계 | 인후두염 | RE021 |
| 삼성생명 | 호흡기계 | 연구개 노장 | RE031 |
| 삼성생명 | 호흡기계 | 기관/ 기관지염 | RE041 |
| 삼성생명 | 호흡기계 | 기관 허탈 | RE051 |
| 삼성생명 | 호흡기계 | 기관지 확장증 | RE061 |
| 삼성생명 | 호흡기계 | 기관지 폐렴 | RE071 |
| 삼성생명 | 호흡기계 | 폐렴 | RE081 |
| 삼성생명 | 호흡기계 | 폐수종 | RE091 |

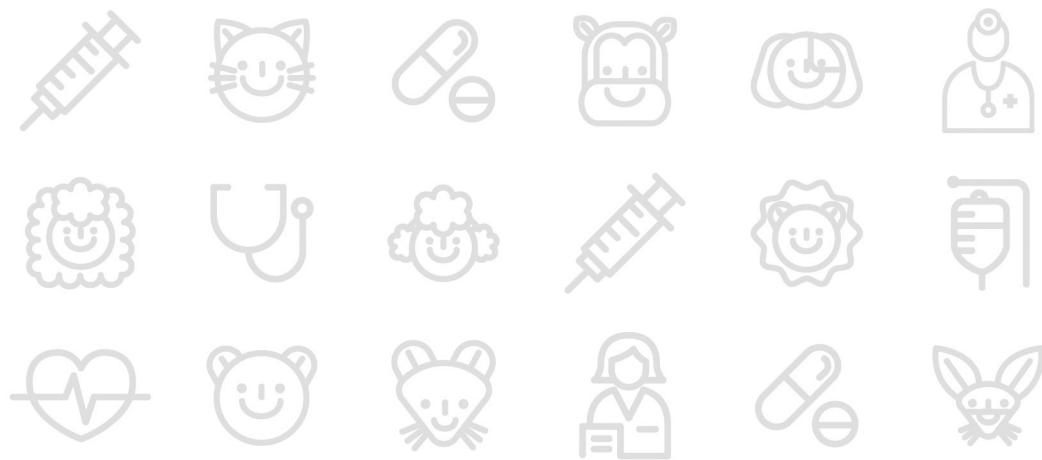
| 보험사 | 분류 | 소분류 | 코드 |
|------|------|---------------|-------|
| 삼성생명 | 호흡기계 | 폐기종 | RE101 |
| 삼성생명 | 호흡기계 | 흉수 | RE111 |
| 삼성생명 | 호흡기계 | 기흉 | RE121 |
| 삼성생명 | 호흡기계 | 천식 | RE131 |
| 삼성생명 | 호흡기계 | 단두종 기도 증후군 | RE141 |
| 삼성생명 | 호흡기계 | Back Sneezing | RE151 |
| 삼성생명 | 호흡기계 | 감기 | RE161 |
| 삼성생명 | 호흡기계 | 선천성 호흡기 질환 | RE171 |
| 삼성생명 | 호흡기계 | 기타 호흡기계 질환 | RE181 |



동물병원 진료 표준화 방안 마련 결과보고서

첨부자료 6

캐나다 Suggested fee guide for small animal procedure



농림축산식품부

The Canadian Veterinary Medical Association

Suggested Fee Guide for Small Animal Procedures

2017 British Columbia



BUSINESS MANAGEMENT
• PROGRAM •

• PROGRAMME •
DE GESTION COMMERCIALE

IN PARTNERSHIP WITH



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PREAMBLE

1. The fees in this publication were prepared for the CVMA-Society of British Columbia Veterinarians Chapter in partnership with the Canadian Veterinary Medical Association to provide, to whom it may concern, a list of fees considered fair and just. These fees are only to serve as a guide. They are not intended to be binding on any party. No person is under any obligation to follow the fees published herein. If any person should choose not to follow these fees, he/she will not suffer in his/her relations with the CVMA-Society of British Columbia Veterinarians chapter members, or affiliates of the CVMA-Society of British Columbia Veterinarians Chapter.

Members of the profession must remember that conspiring to fix fees is a serious matter which could result in a breach of the Federal Competition Act. Simply stated, British Columbia veterinarians should not cooperate or agree amongst themselves to use the Fee Guide to influence upwards fees for veterinary services. The use of the Fee Guide by any veterinarian is a matter of individual choice.

2. The following fees are determined to be reasonable for a doctor with average professional skill, judgment and dexterity rendering services under normal operating conditions. However, even under circumstances in which these conditions are fulfilled, no practitioner is obliged to charge for services as they are listed in this guide.
3. Fees in the 2017 Fee Guide are formulated from:
 - the British Columbia survey of hospital owners;
 - the procedure frequency study from British Columbia economic surveys;
 - the time study undertaken in British Columbia economic surveys;
 - the state of the economy in 2016 and forecasts for 2017.

Fees are derived using:

- costs of overhead, non-veterinary staff salaries and benefits, rent, utilities, supplies, etc. (adjusted for inflation);
 - time to perform the procedure as established in the economic survey;
 - relative value of the procedure, relating to complexity, skill, responsibility and risk involved (established from the economic survey); and
 - value of the veterinarian's time, measured by comparing salaries of individuals working in comparable professions.
4. It is considered fair and just that an altered fee may be rendered where:
 - the case presents unusual complications;
 - the case demands exceptional skill or time;
 - the case demands immediate attention at the sacrifice of regular practice routine;
 - chronic or prolonged attention is provided at the convenience of the doctor;
 - the case may provide financial hardship to the client.

5. I.C. or Independent Consideration is utilized where the method used or amount of necessary service has a large variance.
6. The four-digit code system is designed for reference to type of animal, type of service and procedure. This method was designed to track revenue by species. In the animal specific sections, the first digit designates the type of animal and the remaining three digits designate the procedure. Specific ranges are given to each type of service. The following table illustrates how the Fee Guide has been divided for different species.

| | CANINE | FELINE |
|---------------------------------|-----------|-----------|
| Examinations | 1000-1020 | 2000-2020 |
| Vaccinations | 1300-1320 | 2300-2320 |
| Anaesthesia and Sedation | 1350-1399 | 2350-2399 |
| Surgery | 1400-1599 | 2400-2599 |
| Dentistry | 1600-1649 | 2600-2649 |
| Professional Services | 1700-1799 | 2700-2799 |
| Hospitalization & Fluid Therapy | 1800-1895 | 2800-2895 |

7. The coding in the Birds and Exotics section of the Guide does not correspond to the Canine and Feline sections. It is presented alphabetically by section.
8. Unless otherwise noted, fees are only for the procedure identified and do not include anaesthesia, charges for extra material, or special instrumentation.
9. The Fee Guide may be used to assist the practitioner when determining a professional fee. The following steps are recommended for a successful client / veterinarian relationship.
 - a) Perform a thorough examination of the patient, explaining your findings as you proceed.
 - b) Describe the treatment plan and prognosis in a manner which the client can fully understand. Assure yourself that the client has understood the presentation and encourage questions.
 - c) Present your estimate of fees for treatment and obtain the owner's consent before beginning treatment.

In all cases, your fee should be based on your skill, judgment and experience.

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Sample Invoices

Scenario

Feline Abscess

Flushed abscess and sutured in drain

| <i>Procedure Code</i> | <i>Description</i> | <i>Unit Cost</i> | <i>Units</i> | <i>Price</i> |
|---------------------------------------|--|------------------|---------------|-----------------|
| 2000 | examination / consultation | \$89.90 | 1 | \$89.90 |
| 2051 | blood collection | 31.10 | 1 | 31.10 |
| | preanaesthetic blood profile with CBC | 110.88 | 1 | 110.88 |
| 2272 | FIV / FeLV ELISA test | 116.10 | 1 | 116.10 |
| 2805 | hospitalization - part day (boarding + monitoring) | 54.20 | 1 | 54.20 |
| 2350 | anaesthetic induction plus 10 minutes of maintenance | 164.00 | 1 | 164.00 |
| 2356 | anaesthesia fee (includes monitoring and agent - per 10 min) | 53.30 | 1 | 53.30 |
| 2380 | IV fluids during anaesthetic | 45.60 | 1 | 45.60 |
| 2785 | injection-intramuscular/subcutaneous (first) | 28.20 | 1 | 28.20 |
| | preoperative pain medication | | | |
| 2590 | surgical fee per 10 minutes | 107.80 | 1 | 107.80 |
| 2732 | dispensing fee (per prescription) | 18.90 | 1 | 18.90 |
| | pain management medication for home use | | | IC |
| *plus medications with mark-up | | | | |
| | | | Total* | \$819.98 |

Scenario

Canine Dental Prophy with Carnassial Extraction that takes 30 minutes to remove via sectioning. 40 Kg. in weight. Antibiotic and pain control injections are given.

| <i>Procedure Code</i> | <i>Description</i> | <i>Unit Cost</i> | <i>Units</i> | <i>Price</i> |
|---------------------------------------|--|------------------|---------------|-------------------|
| 1805 | hospitalization - part day (boarding + monitoring) | \$54.20 | 1 | \$54.20 |
| 1051 | blood collection | 31.10 | 1 | 31.10 |
| | preanaesthetic blood profile with CBC | 110.88 | 1 | 110.88 |
| 1350 | anaesthetic induction plus 10 minutes of maintenance | 164.00 | 1 | 164.00 |
| 1380 | IV fluids during anaesthetic | 45.60 | 1 | 45.60 |
| 1356 | anaesthesia fee (includes monitoring and agent - per 10 min) | 53.30 | 4 | 213.20 |
| 1601 | dental examination | 48.00 | 1 | 48.00 |
| 1603 | dental prophylaxis / polish - technician performed (grade iii/iv) | 94.10 | 1 | 94.10 |
| 1608 | dental x-ray | 41.60 | 1 | 41.60 |
| 1609 | dental x-ray (additional) | 20.40 | 5 | 102.00 |
| 1604 | fluoride gel application | 10.80 | 1 | 10.80 |
| 1650 | dental nerve block | 36.50 | 1 | 30.00 |
| 1785 | injection-intramuscular/subcutaneous (first) preoperative pain medication | 28.20 | 1 | 28.20 |
| 1356 | anaesthesia fee (monitoring & agent - per 10 min) - for extraction | 53.30 | 3 | 159.90 |
| 1635 | extractions per 10 minutes | 107.80 | 3 | 323.40 |
| 1786 | injection-intramuscular/subcutaneous (additional) postoperative pain medication | 12.80 | 1 | 12.80 |
| 1732 | dispensing fee (per prescription) | 18.90 | 1 | 18.90 |
| *plus medications with mark-up | | | | |
| | | | Total* | \$1,488.68 |

Scenario
Feline Dental Prophy (routine)

| <i>Procedure Code</i> | <i>Description</i> | <i>Unit Cost</i> | <i>Units</i> | <i>Price</i> |
|-----------------------|--|------------------|--------------|-----------------|
| 2805 | hospitalization - part day (boarding + monitoring) | \$54.20 | 1 | \$54.20 |
| 2051 | blood collection | 31.10 | 1 | 31.10 |
| | preanaesthetic blood profile with CBC | 110.88 | 1 | 110.88 |
| 2350 | anaesthetic induction plus 10 minutes of maintenance | 164.00 | 1 | 164.00 |
| 2356 | anaesthesia fee (includes monitoring and agent - per 10 min) | 53.30 | 2 | 106.60 |
| 2380 | IV fluids during anaesthetic | 45.60 | 1 | 45.60 |
| 2601 | dental examination | 48.00 | 1 | 48.00 |
| 2602 | routine dental / prophylaxis / polish (grade i/ii) | 71.70 | 1 | 71.70 |
| 2604 | fluoride gel application | 10.80 | 1 | 10.80 |
| 2785 | injection-intramuscular/subcutaneous (first) post-operative pain medication | 28.20 | 1 | 28.20 |
| 2732 | dispensing fee (per prescription) | 18.90 | 1 | 18.90 |
| | *plus medications with mark-up | | | |
| | | Total* | | \$689.98 |

Scenario
Feline Spay (Immature)

| <i>Procedure Code</i> | <i>Description</i> | <i>Unit Cost</i> | <i>Units</i> | <i>Price</i> |
|-----------------------|---|------------------|--------------|-----------------|
| 2051 | blood collection | \$31.10 | 1 | \$31.10 |
| | preanaesthetic blood profile with CBC | 110.88 | 1 | 110.88 |
| 2405 | ovariohysterectomy - with IV fluids | 306.30 | 1 | 306.30 |
| 2732 | dispensing fee (per prescription) | 18.90 | 1 | 18.90 |
| | pain management medication for home use | | | IC |
| | elizabethan collar | | | IC |
| | | | Total | \$467.18 |

If cat is obese, in heat, and mature, additional fees would be appropriate.

| | | |
|------|---------|----|
| 2415 | in heat | IC |
| 2416 | obese | IC |
| 2418 | mature | IC |

Scenario

Canine (Labrador Retriever) Fractured Mid Shaft Femur - Plated
20 Kg. in weight.

| Procedure Code | Description | Unit Cost | Units | Price |
|-----------------------|---|------------------|--------------|-------------------|
| 1000 | examination / consultation | \$89.90 | 1 | \$89.90 |
| 1806 | hospitalization - 24 hours (boarding + professional care) | 78.50 | 4 | 314.00 |
| 1051 | blood collection | 31.10 | 1 | 31.10 |
| | preanaesthetic blood profile with CBC | 110.88 | 1 | 110.90 |
| 1100 | radiograph - set up and initial 2 views | 210.90 | 1 | 210.90 |
| 1101 | radiograph (additional view) - chest to R/O trauma | 79.70 | 2 | 159.40 |
| 1373 | epidural | 77.50 | 1 | 77.50 |
| 1350 | anaesthetic induction plus 10 minutes of maintenance | 164.00 | 1 | 164.00 |
| 1356 | anaesthesia fee (includes monitoring and agent - per 10 min) | 53.30 | 13 | 692.90 |
| 1785 | injection-intramuscular/subcutaneous (first) pre-operative pain medication | 28.20 | 1 | 28.20 |
| 1594 | surgical pack fee - standard - 2 gown | 97.00 | 1 | 97.00 |
| 1593 | surgical pack fee - special - for use and cleaning of orthopaedic equipment | 49.30 | 1 | 49.30 |
| 1591 | materials - eight hole plate and screws | 510.00 | 1 | 510.00 |
| 1466 | orthopaedic surgical fee per 10 minutes | 107.80 | 12 | 1293.60 |
| 1589 | surgical assistant fee per 10 minutes - second person to assist surgery for 20 minutes | 45.90 | 2 | 91.80 |
| 1859 | IV set up and maintenance - base fee | 165.10 | 1 | 165.10 |
| 1891 | IV (daily maintenance fee - additional days) | 68.90 | 1 | 68.90 |
| 1788 | injection-intravenous (into IV line) antibiotics and pain management | 12.80 | 6 | 76.80 |
| 1101 | radiograph (additional view) - post-op fracture | 79.70 | 2 | 159.40 |
| 1051 | blood collection | 31.10 | 1 | 31.10 |
| 1205 | PCV + total protein | 27.10 | 1 | 27.10 |
| 1789 | oral medication (antibiotics used in hospital) | 16.90 | 2 | 33.80 |
| 1732 | dispensing fee (per prescription) | 18.90 | 1 | 18.90 |
| | | Total | | \$4,501.60 |

Scenario

Large adolescent dog with laceration. Local anaesthesia administered and two technicians required for restraint. Procedure takes 10 minutes. Dog is not admitted for hospitalization.

| <i>Procedure Code</i> | <i>Description</i> | <i>Unit Cost</i> | <i>Units</i> | <i>Price</i> |
|-----------------------|--|------------------|---------------|-----------------|
| 1000 | examination | \$89.90 | 1 | \$89.90 |
| 1370 | anaesthetic - local | 41.90 | 1 | 41.90 |
| 1800 | technician time per 10 minutes | 45.90 | 2 | 91.80 |
| 1757 | prep room fee (cleaning & supplies used in preparation of procedure) | 34.40 | 1 | 30.20 |
| 1573 | laceration (minor) | 107.80 | 1 | 107.80 |
| 1732 | dispensing fee (per prescription) | 18.90 | 1 | 18.90 |
| | | | Total* | \$380.50 |

*plus medications with mark-up

Scenario

After discussion with client during the annual examination, Dr A decides to use an annual distemper combination along with rabies and Bordetella vaccines in separate syringes.

| <i>Procedure Code</i> | <i>Description</i> | <i>Unit Cost</i> | <i>Units</i> | <i>Price</i> |
|-----------------------|---|------------------|--------------|-----------------|
| 1000 | examination | \$89.90 | 1 | \$89.90 |
| 1307 | annual vaccination (any distemper combination) | 13.00 | 1 | 13.00 |
| 1302 | Rabies vaccine with other vaccination | 28.30 | 1 | 28.30 |
| 1301 | Bordetella / intra nasal with other vaccination | 28.30 | 1 | 28.30 |
| Total | | | | \$159.50 |

The SBCV Economics Committee highly recommends that veterinarians start emphasizing the importance of the annual examination. Separating out the cost of the vaccines and the cost of the exam is one method of doing this. If future research allows us to decrease the frequency of booster vaccines, it will be important for our clients to understand that yearly examinations will still be needed.

Scenario

After discussion with client during the annual examination, Dr. AA decides to vaccinate for distemper in year 1, Parvo in year 2 and rabies in year 3, then continue the three year rotation. Using the new vaccination protocol and the Fee Guide the fee for year 1, 2 and 3 of the rotation would be:

| <i>Procedure Code</i> | <i>Year 1</i> | <i>Unit Cost</i> | <i>Units</i> | <i>Price</i> |
|-----------------------|--|------------------|--------------|-----------------|
| 1000 | examination | \$89.90 | 1 | \$89.90 |
| 1307 | annual vaccination (any combination) - Distemper | 13.00 | 1 | 13.00 |
| Total | | | | \$102.90 |

Year 2

| | | | | |
|--------------|--|---------|---|-----------------|
| 1000 | examination | \$89.90 | 1 | \$89.90 |
| 1307 | annual vaccination (any combination) - Parvo | 13.00 | 1 | 13.00 |
| Total | | | | \$102.90 |

Year 3

| | | | | |
|--------------|---|---------|---|-----------------|
| 1000 | examination | \$89.90 | 1 | \$89.90 |
| 1302 | Rabies vaccination alone with examination | 28.30 | 1 | 28.30 |
| Total | | | | \$118.20 |

The SBCV Economics Committee highly recommends that veterinarians start emphasizing the importance of the annual examination. Separating out the cost of the vaccines and the cost of the exam is one method of doing this. If future research allows us to decrease the frequency of booster vaccines, it will be important for our clients to understand that yearly examinations will still be needed.

Scenario

After discussion with client during the annual examination, Dr. X recommends distemper combination plus rabies. Client declines distemper and requests rabies only. Using the new vaccination protocol and the Fee Guide the fee would be:

| <i>Procedure Code</i> | <i>Description</i> | <i>Unit Cost</i> | <i>Units</i> | <i>Price</i> |
|-----------------------|--------------------|------------------|--------------|-----------------|
| 1000 | examination | \$89.90 | 1 | \$89.90 |
| 1302 | Rabies vaccine | 28.30 | 1 | 28.30 |
| | | | Total | \$118.20 |

The SBCV Economics Committee highly recommends that veterinarians start emphasizing the importance of the annual examination. Separating out the cost of the vaccines and the cost of the exam is one method of doing this. If future research allows us to decrease the frequency of booster vaccines, it will be important for our clients to understand that yearly examinations will still be needed.

Scenario

After discussion with client during the annual examination, Dr. C recommends distemper combination with an additional Bordetella vaccine in a separate syringe plus additional Lyme vaccination in a separate syringe. Using the Fee Guide the fee would be:

| <i>Procedure Code</i> | <i>Description</i> | <i>Unit Cost</i> | <i>Units</i> | <i>Price</i> |
|-----------------------|---|------------------|--------------|-----------------|
| 1307 | annual examination | \$89.90 | 1 | \$89.90 |
| 1000 | annual vaccination (distemper) | 13.00 | 1 | 13.00 |
| 1301 | Bordetella / intra nasal with other vaccination | 28.30 | 1 | 28.30 |
| 1318 | Lyme vaccine with other vaccination | 28.30 | 1 | 28.30 |
| Total | | | | \$159.50 |

The SBCV Economics Committee highly recommends that veterinarians start emphasizing the importance of the annual examination. Separating out the cost of the vaccines and the cost of the exam is one method of doing this. If future research allows us to decrease the frequency of booster vaccines, it will be important for our clients to understand that yearly examinations will still be needed.

Sample Bundled Services

| <i>Procedure Code</i> | <i>Description</i> | <i>Unit Cost</i> | <i>Units</i> | <i>Price</i> |
|--|--|------------------|--------------|-----------------|
| Bundled Services for healthy two year old dog requiring preventative care | | | | |
| 1307 | annual examination and vaccination | \$102.90 | 1 | \$102.90 |
| 1051 | blood collection | 31.10 | 1 | 31.10 |
| 1295 | early detection panel (up to 6 tests with partial CBC) | 110.88 | 1 | 110.88 |
| 1251 | faecal floatation | 38.20 | 1 | 38.20 |
| 1727 | cystocentesis | 45.10 | 1 | 45.10 |
| 1260 | urinalysis, complete | 67.50 | 1 | 67.50 |
| 1756 | nail trim | 29.00 | 1 | 29.00 |
| Total | | | | \$424.68 |
| Monthly Payment for One Year * | | | | \$35.39 |

| | | | | |
|--|--|-----------------|---|-----------------|
| Bundled Services for healthy two year old cat requiring preventative care & dental cleaning | | | | |
| 2312 | annual examination and vaccination | \$102.90 | 1 | \$102.90 |
| 2051 | blood collection | 31.10 | 1 | 31.10 |
| 2296 | comprehensive diagnostic panel (up to 22 tests, CBC, T4) | 171.70 | 1 | 171.70 |
| 2251 | faecal floatation | 38.20 | 1 | 38.20 |
| 2260 | urinalysis, complete | 67.50 | 1 | 67.50 |
| 2756 | nail trim | 29.00 | 1 | 29.00 |
| | dental cleaning (see sample invoice above) | 548.00 | 1 | 548.00 |
| Total | | | | \$988.40 |
| Monthly Payment for One Year * | | | | \$82.37 |

| | | | | |
|---|---|-----------------|---|-----------------|
| Bundled Service for healthy puppy requiring preventative care and elective surgery | | | | |
| Visit 1 | | | | |
| 1307 | complete examination and vaccination | \$102.90 | 1 | \$102.90 |
| 1251 | faecal floatation | 38.20 | 1 | 38.20 |
| 1730 | deworming | 17.50 | 1 | 17.50 |
| Visit 2 | | | | |
| 1307 | complete examination and vaccination | 102.90 | 1 | 102.90 |
| 1251 | faecal floatation | 38.20 | 1 | 38.20 |
| Visit 3 | | | | |
| 1307 | complete examination and vaccination | 102.90 | 1 | 102.90 |
| Visit 4 | | | | |
| 1401 | orchidectomy (medium 10-20 kg) - with IV fluids | 332.40 | 1 | 332.40 |
| 1290 | preanaesthetic panel (up to 6 tests with partial CBC) | 110.88 | 1 | 110.88 |
| Total | | | | \$845.88 |
| Monthly Payment for One Year * | | | | \$70.49 |

*Additional features: complimentary recheck exams for a year (optional).

EXAMINATIONS AND OFFICE PROCEDURES

Canine Feline

Examinations

| | | | | |
|------|------|---|--------|-----------|
| 1000 | 2000 | examination / consultation | 89.90 | each |
| 1001 | 2001 | recheck / re-evaluation | 60.30 | each |
| 1005 | 2005 | emergency after hours surcharge (not including examination) | 166.90 | surcharge |
| 1006 | 2006 | examination / consultation (extended) | 119.00 | each |
| 1011 | 2011 | behavioural consultation | 140.20 | half hour |
| 1015 | 2015 | house call (does not include exam) | 113.00 | fee |
| 1016 | 2016 | house call (mileage) | 3.90 | km |
| 1017 | 2017 | kennel or cattery call - professional time | 308.50 | hour |
| 1003 | 2003 | in hospital examination (by veterinarian) | 60.30 | each |

Consultations

| | | | | |
|------|------|--|-------|------|
| 1010 | 2010 | prescription writing fee | 18.90 | fee |
| 1012 | 2012 | consult with other professional / specialist | 41.10 | each |
| 1013 | 2013 | consultation - telephone (client) | 41.10 | each |
| 1014 | 2014 | copy files | I.C. | |
| 1019 | 2019 | write referral letter | 69.70 | fee |
| 1020 | 2020 | telephone fee, long distance | I.C. | |
| 1021 | 2021 | telephone refills at outside pharmacy | 18.90 | fee |

fee to consult with outside pharmacy, review and update medical records

Exam Room Procedures

Brushing, shaving, cleaning - See Hospital Unit on Page 18

| | | | | |
|------|------|---|-------|------|
| 1703 | 2703 | anal glands per patient | 38.40 | each |
| 1051 | 2051 | blood collection | 31.10 | each |
| 1715 | 2715 | blood pressure (during examination) | 68.90 | fee |
| 1714 | 2714 | blood pressure (ongoing monitoring) | 35.00 | fee |
| 1737 | 2337 | ear clean (during examination) | 29.00 | fee |
| 1756 | 2756 | nail trim | 29.00 | each |
| 1735 | 2735 | electronic microchip implant (does not include implant) | 41.60 | each |
| 1732 | 2732 | dispensing fee (per prescription) | 18.90 | each |
| 1780 | 2780 | injection-outpatient | 41.60 | each |

Ophthalmic Procedures

| | | | | |
|------|------|-------------------------------------|-------|------|
| 1052 | 2052 | fluorescein eye stain (per patient) | 25.40 | each |
| 1056 | 2056 | Schirmer tear test (per patient) | 26.20 | each |
| 1057 | 2057 | tonometry (per patient) | 65.20 | each |
| 1371 | 2371 | anaesthetic - topical ophthalmic | 23.20 | each |

DIAGNOSTIC IMAGING

All fees for RADIOGRAPHS include a professional interpretation fee.

Radiographs

Fees for Radiographs should include: radiograph - set up fee (code 1100 - 2100) plus fee for each view (code 1101 - 1102, 2101 - 2102).
Fees for plates vary only according to the number of views (not by size).

Canine Feline

| | | | | |
|------|------|---|--------|---------|
| 1100 | 2100 | radiograph - set-up and initial 2 views - includes interpretation | 210.90 | each |
| 1101 | 2101 | radiograph (additional view) - includes interpretation | 79.70 | each |
| 1111 | 2111 | barium swallow | 90.80 | + x-ray |
| 1112 | 2112 | barium enema | 118.60 | + x-ray |
| 1113 | 2113 | cystogram - positive contrast | 169.50 | + x-ray |
| 1114 | 2114 | intravenous pyelogram | 231.80 | + x-ray |
| 1115 | 2115 | myelogram | 978.70 | + x-ray |
| 1116 | 2116 | pneumocystogram | 151.10 | + x-ray |
| 1117 | 2117 | urethrogram | 198.60 | + x-ray |
| 1119 | | OFA evaluation / certification package | 609.40 | fee |
| | | PennHIP evaluation / certification | I.C. | |

Note: Evaluation / certification fee includes sedation, radiograph, part day hospitalization, correspondence fee, printing / postage fee and certification charges.

| | | | | |
|------|------|---|------|--|
| 1120 | 2120 | radiology referral (not including radiograph) | I.C. | |
|------|------|---|------|--|

Note: radiology referral includes referral letter, telephone consultation, radiologist's fee, and add 100% for professional interpretation.

Electrocardiography

| | | | | |
|------|------|----------------|--------|-------------|
| 1130 | 2130 | ECG Cardiopet | 229.10 | + Cardiopet |
| 1133 | 2133 | ECG (in house) | 288.40 | each |

Fibre Optic Techniques

| | | | | |
|------|------|-----------|--------|------------|
| 1140 | 2140 | endoscopy | 107.80 | 10 minutes |
|------|------|-----------|--------|------------|

Ultrasound

Note: Ultrasound and fibre optic techniques are generally done either by hospital personnel with hospital equipment, or by an ultrasound consultant. The fees for codes 1152 - 1155 are for the ultrasounds by hospital personnel with hospital equipment. The fee is for the ultrasound or fibre optic procedure only (anaesthesia, sedation, and hospitalization extra).

| | | | | |
|------|------|--|--------|--------|
| 1152 | 2152 | ultrasound - cardiac with Doppler | 823.10 | each |
| 1153 | 2153 | ultrasound - abdomen | 589.20 | each |
| 1154 | 2154 | ultrasound - bladder | 222.10 | each |
| 1157 | 2157 | ultrasound - guided biopsy - materials and histology extra | 676.20 | each |
| 1155 | 2155 | ultrasound - pregnancy | 285.70 | each |
| 1158 | 2158 | ultrasound - consultant | I.C. | |
| 1159 | 2159 | ultrasound - centesis | 27.80 | add on |

Note: "Ultrasound-consultant" fees should include consultant's fees, plus appropriate hospital charges (anaesthesia, sedation, technician, hospitalization).

IN-HOUSE LABORATORY

These fees do not include blood collection fee (code 1051 - 2051) unless noted.
 * Includes Collection

| <u>Canine</u> | <u>Feline</u> | | | |
|--|---------------|---|--------|------------|
| 1051 | 2051 | blood collection | 31.10 | each |
| <u>Hematology</u> | | | | |
| 1201 | 2201 | blood smear / differential | 41.20 | each |
| 1202 | 2202 | complete blood count | 81.20 | each |
| 1207 | 2207 | preanaesthetic blood profile with CBC | I.C. | |
| 1203 | 2203 | haemoglobin | 32.20 | each |
| 1204 | 2204 | PCV | 25.20 | each |
| 1205 | 2205 | PCV + total protein | 27.10 | each |
| 1206 | 2206 | white blood cell count | 32.30 | each |
| 1220 | 2220 | <u>Cytology</u> | 62.00 | each |
| <u>Sample Collection - Cytology Fee in Addition</u> | | | | |
| 1702 | 2702 | abdominocentesis | 59.90 | each |
| 1705 | 2705 | arthrocentesis (joint tap) - add pack fee (Code 1592) | 113.00 | 10 minutes |
| 1721 | 2721 | cerebrospinal fluid tap | 149.70 | each |
| 1727 | 2727 | cystocentesis | 45.10 | each |
| 1738 | 2738 | fine needle aspirate (does not include lab) | 58.20 | each |
| 1234 | 2234 | impression smear | 38.60 | each |
| 1772 | 2772 | thoracocentesis | 107.80 | each |
| 1774 | 2774 | transtracheal wash | 106.60 | each |
| <u>Sample Collection and Evaluation (includes cytology)</u> | | | | |
| 1240 | 2240 | * ear swab | 41.20 | each |
| 1241 | 2241 | * faecal smear | 30.20 | each |
| 1243 | 2243 | * semen collection and evaluation | 137.60 | each |
| 1244 | 2244 | * vaginal swab | 41.20 | each |
| <u>Bacteriology</u> | | | | |
| 1209 | 2209 | * culture and sensitivity | 98.90 | each |
| 1210 | 2210 | * Gram stain | 44.30 | each |
| <u>Parasitology</u> | | | | |
| 1250 | 2250 | * dermatophyte assay | 40.20 | each |
| 1251 | 2251 | * faecal floatation (ova & parasite) | 38.20 | each |
| 1252 | | * heartworm test | 56.50 | each |
| 1253 | 2253 | * skin smear / scraping | 40.10 | each |
| 1254 | 2254 | * Wood's lamp | 20.60 | each |
| <u>Urinalysis (add cystocentesis if applicable)</u> | | | | |
| 1260 | 2260 | urinalysis, complete | 67.50 | each |
| 1261 | 2261 | urine test strip | 31.80 | each |
| <u>Virology</u> | | | | |
| | 2272 | FIV / FeLV test | 116.10 | each |
| <u>Serology</u> | | | | |

Fee for in hospital chemistries should equal the fee charged if sent to an outside lab.

LABORATORY REFERRAL

For Laboratory Referral work done outside the clinic, include collection fees, the laboratory fee, and add 100% for professional interpretation.

VACCINATIONS

Canine Vaccinations (with exam)

Vaccination fees include a complete examination unless noted.
Vaccine prices were derived by adding the fee attributed to each vaccine to the fee for the examination.

| | |
|--|-------|
| Examination | 89.90 |
| Annual Vaccination (any distemper combination) | 13.00 |
| Recheck / re-evaluation | 60.30 |
| All other vaccines | 28.30 |
| Bordetella / intra nasal | 28.30 |
| Lyme vaccine | 28.30 |
| Giardia | 28.30 |
| Rabies | 28.30 |

Canine

Examples of Charges

| | | | |
|------|--|--------|------|
| 1307 | annual vaccination | 102.90 | each |
| 1308 | annual vaccination with rabies | 131.20 | each |
| 1310 | other vaccinations - in combination - add for each vaccination | 28.30 | each |
| 1300 | Bordetella / intra nasal (with examination) | 118.20 | each |
| 1301 | Bordetella / intra nasal with other vaccination | 28.30 | add |
| 1302 | RV (alone with exam) | 118.20 | each |
| 1303 | CPV (20 week booster with examination) | 102.90 | each |
| 1318 | Lyme vaccine (with exam) | 118.20 | each |

We highly recommend that veterinarians start emphasizing the importance of the annual examination. If future research allows us to decrease the frequency of booster vaccines, it will be important for our clients to understand that yearly examinations will still be needed.

VACCINATIONS

Feline Vaccinations (with exam)

Vaccination fees include a complete examination unless noted.
Vaccine prices were derived by adding the fee attributed to each vaccine to the fee for the examination.

| | |
|--|-------|
| Examination | 89.90 |
| Annual Vaccination (any distemper combination) | 13.00 |
| Recheck / re-evaluation | 60.30 |
| Annual Vaccination without FeLV | 13.00 |
| Annual Vaccination with FeLV | 38.30 |
| FeLV | 28.30 |
| FIV Vaccine | 28.30 |

Feline Examples of Charges

| | | | |
|------|--|--------|------|
| 2313 | annual vaccination with FeLV | 131.20 | each |
| 2315 | annual vaccination with FeLV and rabies | 158.20 | each |
| 2312 | annual vaccination without FeLV | 102.90 | each |
| 2316 | annual vaccination without FeLV, with rabies | 131.20 | each |
| 2310 | other vaccinations - in combination - add for each vaccination | 28.30 | add |
| 2302 | RV (alone with exam) | 118.20 | each |
| 2304 | FeLV (alone with exam) | 118.20 | each |

We highly recommend that veterinarians start emphasizing the importance of the annual examination. If future research allows us to decrease the frequency of booster vaccines, it will be important for our clients to understand that yearly examinations will still be needed.

ANAESTHESIA AND SEDATION

Canine Feline

Induction

| | | | | |
|------|------|--|--------|------|
| 1350 | 2350 | Induction plus 10 minutes of maintenance | 164.00 | each |
|------|------|--|--------|------|

Note: Anaesthetic induction fee includes:

- preanaesthetic exam (TPR)
- cephalic catheter
- patient premedication
- induction of sufficient plane of anaesthesia to allow intubation and maintenance

Anaesthetic Maintenance

| | | | | |
|------|------|--|-------|------------|
| 1356 | 2356 | anaesthesia fee (monitoring plus cost of anaesthetic agent per 10 min) | 53.30 | 10 minutes |
|------|------|--|-------|------------|

| | | | | |
|------|------|---------------------------|------|---------|
| 1358 | 2358 | Propofol (add monitoring) | 1.80 | per ml. |
|------|------|---------------------------|------|---------|

| | | | | |
|------|------|---|--------|------|
| 1372 | 2372 | medetomidine anaesthetic - including reversal | 142.40 | each |
|------|------|---|--------|------|

Anaesthetic

| | | | | |
|------|------|---|-------|------|
| 1370 | 2370 | anaesthetic - local (add technical assistant time as appropriate) | 41.90 | each |
|------|------|---|-------|------|

| | | | | |
|------|------|----------------------------------|-------|------|
| 1371 | 2371 | anaesthetic - topical ophthalmic | 21.60 | each |
|------|------|----------------------------------|-------|------|

| | | | | |
|------|------|----------|-------|------|
| 1373 | 2373 | epidural | 77.50 | each |
|------|------|----------|-------|------|

| | | | | |
|------|------|--------------------------|-------|------|
| 1374 | 2374 | sedation - intramuscular | 56.80 | each |
|------|------|--------------------------|-------|------|

| | | | | |
|------|------|------------------------|-------|------|
| 1375 | 2375 | sedation - intravenous | 72.80 | each |
|------|------|------------------------|-------|------|

Sedations in these categories are not to the level that would permit intubation.

Anaesthetic IV Fluids

| | | | | |
|------|------|--|-------|----------|
| 1380 | 2380 | Base Fee - includes drip set bag of fluids | 45.60 | base fee |
|------|------|--|-------|----------|

| | | | | |
|------|------|--------------------------------|-------|------------|
| 1800 | 2800 | technician time per 10 minutes | 45.90 | 10 minutes |
|------|------|--------------------------------|-------|------------|

ELECTIVE SURGERY

Fees for orchidectomies, ovariectomies and declaw procedures include surgeon and technician time, operating room charge, surgical pack, surgical materials, anaesthesia and hospitalization, and apply to young animals only (under 1 yr. of age).
Note: For retained testicles or mature spay, add fee appropriate to extra time necessary.

Inter-operative pain control is included. Does not include post-operative pain control medications dispensed after surgery.

Canine Feline

Canine Orchidectomies / Ovariectomies

| | | | |
|------|---|--------|------------|
| 1400 | orchidectomy (small < 10 kg) - with IV fluids | 314.20 | each |
| 1401 | orchidectomy (medium 10-20 kg) - with IV fluids | 332.40 | each |
| 1402 | orchidectomy (large > 20 kg) - with IV fluids | 350.80 | each |
| 1403 | orchidectomy / inguinal cryptorchid - with IV fluids | 421.50 | each |
| 1404 | orchidectomy / intra-abdominal cryptorchid - with IV fluids | 498.90 | each |
| 1405 | ovariectomy (small < 10 kg) - with IV fluids | 356.90 | each |
| 1406 | ovariectomy (medium 10-20 kg) - with IV fluids | 382.30 | each |
| 1407 | ovariectomy (large 21-40 kg) - with IV fluids | 422.80 | each |
| 1408 | ovariectomy (x-large > 40 kg) - with IV fluids | 476.50 | each |
| 1409 | dew claw removal - mature dog | 101.90 | 10 minutes |

The following are in addition to the above:

| | | | |
|------|--------------------|--------|------------|
| 1415 | in heat | 71.30 | add |
| 1416 | obese | 101.90 | 10 minutes |
| 1417 | pregnant | 101.90 | 10 minutes |
| 1419 | hernia - umbilical | 101.90 | 10 minutes |

Neonatal Surgery

| | | | |
|------|-----------------------|-------|------|
| 1420 | dew claws (per puppy) | 43.10 | each |
|------|-----------------------|-------|------|

Feline Orchidectomies / Ovariectomies

| | | | |
|------|---|--------|------|
| 2400 | orchidectomy - with IV fluids | 216.60 | each |
| 2403 | orchidectomy / inguinal cryptorchid - with IV fluids | 333.30 | each |
| 2404 | orchidectomy / intra-abdominal cryptorchid - with IV fluids | 375.30 | each |
| 2405 | ovariectomy - with IV fluids | 306.30 | each |
| 2406 | mature ovariectomy - with IV fluids | 357.70 | each |

The following are in addition to the above:

| | | | |
|------|--------------------|--------|------------|
| 2415 | in heat | 71.30 | add |
| 2416 | obese | 101.90 | 10 minutes |
| 2417 | pregnant | 101.90 | 10 minutes |
| 2418 | mature | 101.90 | 10 minutes |
| 2419 | hernia - umbilical | 101.90 | 10 minutes |

Anaesthetic IV Fluids for Elective Surgery

| | | | |
|------|---|-------|----------|
| 1380 | 2380 Base Fee - includes drip set bag of fluids | 45.60 | base fee |
|------|---|-------|----------|

Theriology

Theriology care should be billed by procedure or time to include the following items that are appropriate:

Hospitalization

Surgical time calculated in 10 minute units

Surgical assistant time (if required for surgery) calculated in 10 minute units

Technician time calculated in 10 minute units

Surgical packs and gowns

Medications

Medication administration fees

Suture materials

Anaesthetics

*** Sx Time represents the average surgical time in minutes**

Fees listed below are for surgical time component only

Canine Feline

Sx Time *

| | | | | | |
|------|------|---------------------------------------|--------|------------|----|
| 1800 | 2800 | technician time per 10 minutes | 45.90 | 10 minutes | |
| 1590 | 2590 | surgical fee per 10 minutes | 107.80 | 10 minutes | |
| 1589 | 2589 | surgical assistant per 10 minutes | 45.90 | 10 minutes | |
| 1425 | 2425 | Caesarean section (1 hour surgery) | 646.80 | each | 57 |
| 1427 | 2427 | prolapsed vagina | 107.80 | 10 minutes | |
| 1428 | 2428 | pyometra (1 hour surgery) | 646.80 | each | 56 |
| 1429 | 2429 | whelping or queening assistance | 107.80 | 10 minutes | |
| 1591 | 2591 | materials | I.C. | fee | |
| 1592 | 2592 | surgical pack fee - standard - 1 gown | 66.40 | each | |
| 1594 | 2594 | surgical pack fee - standard - 2 gown | 97.00 | each | |
| 1593 | 2593 | surgical pack fee - special | I.C. | each | |

Orthopaedic Surgery

Surgery should be billed by procedure or time to include the following items:

Hospitalization
 Anaesthetic induction
 Anaesthetic maintenance
 Pain medication
 Surgical packs and gowns
 Special instrument (use if appropriate)
 Suture materials
 Procedure fee or surgical time calculated in 10 minute units
 Surgical assistant time (if required for surgery) calculated in 10 minute units
 Intravenous fluids
 Surgical hardware
 X-rays
 Medication in hospital
 Medications dispensed
 Lab work if appropriate
 See sample invoices

*** Sx Time represents the average surgical time in minutes**

Fees listed below are for surgical time component only

| <u>Canine</u> | <u>Feline</u> | | | | Sx Time * |
|---------------|---------------|--|---------|------------|------------------|
| 1466 | 2466 | orthopaedic surgical fee per 10 minutes | 107.80 | 10 minutes | |
| 1589 | 2589 | surgical assistant per 10 minutes | 45.90 | 10 minutes | |
| 1430 | 2430 | amputation, digit | 290.40 | each | 27 |
| 1431 | 2431 | amputation, foreleg | 808.90 | each | 75 |
| 1432 | 2432 | amputation, hindleg | 808.90 | each | 75 |
| 1433 | 2433 | amputation, tail | 311.40 | each | 29 |
| 1434 | 2434 | bone grafting | 107.80 | 10 minutes | |
| 1435 | 2435 | cervical disc fenestration | 107.80 | 10 minutes | |
| 1436 | 2436 | coxofemoral luxation - closed reduction | 351.80 | each | 33 |
| 1437 | 2437 | cruciate ligament repair (small) | 988.80 | each | 92 |
| 1439 | 2439 | cruciate ligament repair (large) | 1437.80 | each | 133 |
| 1443 | 2443 | elbow joint exploratory | 107.80 | 10 minutes | |
| 1444 | 2444 | elbow luxation - closed reduction | 344.20 | each | 32 |
| 1445 | 2445 | excision arthroplasty | 733.00 | each | 68 |
| 1446 | 2446 | external fixation-cast | 178.30 | each | 17 |
| 1447 | 2247 | external fixation-M. Metasplint (small) | 107.10 | each | 10 |
| 1448 | | external fixation-M. Metasplint (medium) | 135.90 | each | 13 |
| 1449 | | external fixation-M. Metasplint (large) | 169.50 | each | 16 |
| 1450 | 2450 | external fixation-R.J. Splint (small) | 102.80 | each | 10 |
| 1451 | | external fixation-R.J. Splint (medium) | 150.80 | each | 14 |
| 1452 | | external fixation-R.J. Splint (large) | 163.70 | each | 15 |
| 1453 | 2453 | external fixation-Thomas Splint (small) | 163.50 | each | 15 |
| 1454 | | external fixation-Thomas Splint (medium) | 189.00 | each | 18 |
| 1455 | 2455 | external fixation-Thomas Splint (large) | 231.40 | each | 21 |

Orthopaedic Surgery (continued)

Surgery should be billed by procedure or time to include the following items:

Hospitalization
 Anaesthetic induction
 Anaesthetic maintenance
 Pain medication
 Surgical packs and gowns
 Special instrument (use if appropriate)
 Suture materials
 Procedure fee or surgical time calculated in 10 minute units
 Surgical assistant time (if required for surgery) calculated in 10 minute units
 Intravenous fluids
 Surgical hardware
 X-rays
 Medication in hospital
 Medications dispensed
 Lab work if appropriate
 See sample invoices

*** Sx Time represents the average surgical time in minutes**

Fees listed below are for surgical time component only

| <u>Canine</u> | <u>Feline</u> | | | | Sx Time * |
|---------------|---------------|---|--------|------------|------------------|
| 1456 | 2456 | fracture - closed reduction | 247.90 | each | 23 |
| 1457 | 2457 | fracture repair (open) | 107.80 | 10 minutes | |
| 1458 | 2458 | intramedullary pinning (open) | 764.10 | each | 71 |
| 1459 | 2459 | intervertebral disc surgery | 107.80 | 10 minutes | |
| 1460 | 2460 | I.M. pin removal | 135.50 | each | 13 |
| 1461 | 2461 | joint exploratory - other | 107.80 | 10 minutes | |
| 1462 | 2462 | Kirschner apparatus application | 674.30 | each | 63 |
| 1463 | 2463 | luxation reduction | 371.70 | each | 34 |
| 1464 | 2464 | luxation reduction (open) | 107.80 | 10 minutes | |
| 1465 | 2465 | mandibular symphysis wiring | 329.20 | each | 31 |
| 1468 | 2468 | shoulder joint exploratory | 107.80 | 10 minutes | |
| 1469 | 2469 | shoulder joint OCD curettage | 107.80 | 10 minutes | |
| 1470 | 2470 | temporomandibular luxation - closed reduction | 233.20 | each | 22 |
| 1471 | 2471 | tibial crest transplant / patella stabilization | 800.30 | each | 74 |
| 1472 | 2472 | united anconeal process fixation | 107.80 | 10 minutes | |
| 1473 | 2473 | united anconeal process removal | 107.80 | 10 minutes | |
| 1591 | 2591 | materials | I.C. | fee | |
| 1592 | 2592 | surgical pack fee - standard - 1 gown | 66.40 | each | |
| 1594 | 2594 | surgical pack fee - standard - 2 gown | 97.00 | each | |
| 1593 | 2593 | surgical pack fee - special | I.C. | each | |

Ophthalmic Surgery

Surgery should be billed by procedure or time to include the following items:

Hospitalization
 Anaesthetic induction
 Anaesthetic maintenance
 Pain medication
 Surgical packs and gowns
 Special instrument (use if appropriate)
 Suture materials
 Procedure fee or surgical time calculated in 10 minute units
 Surgical assistant time (if required for surgery) calculated in 10 minute units
 Intravenous fluids
 Medication in hospital
 Medications dispensed
 Lab work if appropriate

*** Sx Time represents the average surgical time in minutes**

Fees listed below are for surgical time component only

| <u>Canine</u> | <u>Feline</u> | | | | Sx Time * |
|---------------|---------------|---|--------|------------|------------------|
| 1590 | 2590 | surgical fee per 10 minutes | 107.80 | 10 minutes | |
| 1589 | 2589 | surgical assistant per 10 minutes | 45.90 | 10 minutes | |
| 1480 | 2480 | conjunctival flap (complete) | 230.10 | each | 21 |
| 1481 | 2481 | conjunctival flap (partial) | 107.80 | 10 minutes | |
| 1482 | 2482 | debride corneal ulcer | 135.30 | each | 13 |
| 1483 | 2483 | electroepilation - distichiasis | 107.80 | 10 minutes | |
| 1484 | 2484 | entropion correction - lower (1 eye) | 300.10 | each | 28 |
| 1485 | 2485 | entropion correction - upper and lower (1 eye) | 362.10 | each | 34 |
| 1486 | 2486 | eye enucleation | 644.70 | each | 60 |
| 1487 | 2487 | nasolacrimal duct flush | 81.40 | each | 8 |
| 1488 | 2488 | palpebral tumor / cyst (wedge resection) | 107.80 | 10 minutes | |
| 1489 | 2489 | parotid duct transplant | 107.80 | 10 minutes | |
| 1491 | 2491 | prolapsed 3rd eyelid gland (reduction and suture) | 264.80 | each | 25 |
| 1492 | 2492 | proptosed globe (reduction) | 107.80 | 10 minutes | |
| 1493 | 2493 | superficial keratectomy | 107.80 | 10 minutes | |
| 1494 | 2494 | corneal laceration - suture | 107.80 | 10 minutes | |
| 1495 | 2495 | tarsorrhaphy | 306.40 | each | 28 |
| 1496 | 2496 | third eyelid flap | 183.60 | each | 17 |
| 1591 | 2591 | materials | I.C. | fee | |
| 1592 | 2592 | surgical pack fee - standard - 1 gown | 66.40 | each | |
| 1594 | 2594 | surgical pack fee - standard - 2 gown | 97.00 | each | |
| 1593 | 2593 | surgical pack fee - special | I.C. | each | |

Otolaryngological Surgery

Surgery should be billed by procedure or time to include the following items:

Hospitalization
 Anaesthetic induction
 Anaesthetic maintenance
 Pain medication
 Surgical packs and gowns
 Special instrument (use if appropriate)
 Suture materials
 Procedure fee or surgical time calculated in 10 minute units
 Surgical assistant time (if required for surgery) calculated in 10 minute units
 Intravenous fluids
 Medication in hospital
 Medications dispensed
 Lab work if appropriate

*** Sx Time represents the average surgical time in minutes**

Fees listed below are for surgical time component only

| <u>Canine</u> | <u>Feline</u> | | | | Sx Time * |
|---------------|---------------|--|--------|------------|------------------|
| 1590 | 2590 | surgical fee per 10 minutes | 107.80 | 10 minutes | |
| 1589 | 2589 | surgical assistant per 10 minutes | 45.90 | 10 minutes | |
| 1510 | 2510 | aural haematoma (drain / opening / suture) | 107.80 | 10 minutes | |
| 1511 | 2511 | bullae osteotomy (ventral) | 107.80 | 10 minutes | |
| 1512 | 2512 | bullae osteotomy (lateral) | 107.80 | 10 minutes | |
| 1515 | 2515 | ear canal ablation | 107.80 | 10 minutes | |
| 1517 | 2517 | lateral ear resection (unilateral) | 479.90 | each | 45 |
| 1518 | 2518 | lateral ear resection (bilateral) | 879.90 | each | 82 |
| 1519 | 2519 | everted laryngeal sacculae resection | 297.00 | each | 28 |
| 1520 | 2520 | nasopharyngeal polyp resection | 107.80 | 10 minutes | |
| 1521 | 2521 | stenotic nares correction | 330.40 | both | |
| 1522 | 2522 | soft palate resection | 486.80 | each | 45 |
| 1523 | 2523 | tonsillectomy | 323.70 | each | 30 |
| 1591 | 2591 | materials | I.C. | fee | |
| 1592 | 2592 | surgical pack fee - standard - 1 gown | 66.40 | each | |
| 1594 | 2594 | surgical pack fee - standard - 2 gown | 97.00 | each | |
| 1593 | 2593 | surgical pack fee - special | I.C. | each | |

Gastrointestinal Surgery

Surgery should be billed by procedure or time to include the following items:

Hospitalization
 Anaesthetic induction
 Anaesthetic maintenance
 Pain medication
 Surgical packs and gowns
 Special instrument (use if appropriate)
 Suture materials
 Surgical time calculated in 10 minute units
 Surgical assistant time (if required for surgery) calculated in 10 minute units
 Intravenous fluids
 X-rays
 Medication in hospital
 Medications dispensed
 Lab work if appropriate

Fees listed below are for surgical time component only

Canine Feline

| | | | | |
|------|------|--|--------|------------|
| 1590 | 2590 | surgical fee per 10 minutes | 107.80 | 10 minutes |
| 1589 | 2589 | surgical assistant per 10 minutes | 45.90 | 10 minutes |
| 1530 | 2530 | anal sacculectomy | 476.90 | each |
| 1531 | 2531 | cholecystotomy | 107.80 | 10 minutes |
| 1532 | 2532 | enterotomy | 107.80 | 10 minutes |
| 1533 | 2533 | esophageal surgery | 107.80 | 10 minutes |
| 1534 | 2534 | gastrotomy | 107.80 | 10 minutes |
| 1535 | 2535 | gastric torsion- gastrotomy / tie down | 107.80 | 10 minutes |
| 1536 | 2536 | intestinal anastomosis | 107.80 | 10 minutes |
| 1537 | 2537 | laparotomy | 107.80 | 10 minutes |
| 1539 | 2539 | pyloromyotomy | 107.80 | 10 minutes |
| 1540 | 2540 | recto-colonic pull through | 107.80 | 10 minutes |
| 1541 | 2541 | total colonectomy | 107.80 | 10 minutes |
| 1591 | 2591 | materials | I.C. | fee |
| 1592 | 2592 | surgical pack fee - standard - 1 gown | 66.40 | each |
| 1594 | 2594 | surgical pack fee - standard - 2 gown | 97.00 | each |
| 1593 | 2593 | surgical pack fee - special | I.C. | each |

General Surgery

Surgery should be billed by procedure or time to include the following items:

Hospitalization
 Anaesthetic induction
 Anaesthetic maintenance
 Pain medication
 Surgical packs and gowns
 Special instrument (use if appropriate)
 Suture materials
 Procedure fee or surgical time calculated in 10 minute units
 Surgical assistant time (if required for surgery) calculated in 10 minute units
 Intravenous fluids
 X-rays
 Medication in hospital
 Medications dispensed
 Lab work if appropriate

*** Sx Time represents the average surgical time in minutes**

Fees listed below are for surgical time component only

| <u>Canine</u> | <u>Feline</u> | | | | Sx Time * |
|----------------------|----------------------|---------------------------------------|--------|------------|------------------|
| 1590 | 2590 | surgical fee per 10 minutes | 107.80 | 10 minutes | |
| 1589 | 2589 | surgical assistant per 10 minutes | 45.90 | 10 minutes | |
| 1552 | 2552 | biopsy - kidney (percutaneous) | 107.80 | 10 minutes | |
| 1553 | 2553 | biopsy - liver (percutaneous) | 107.80 | 10 minutes | |
| 1554 | 2554 | biopsy - lymph node | 107.80 | 10 minutes | |
| 1555 | 2555 | biopsy - skin | 107.80 | 10 minutes | |
| 1558 | 2558 | biopsy - mass | 107.80 | 10 minutes | |
| 1560 | 2560 | cystotomy | 550.90 | each | 51 |
| 1537 | 2537 | exploratory laparotomy | 107.80 | 10 minutes | |
| 1567 | 2567 | hernia - diaphragmatic | 107.80 | 10 minutes | |
| 1568 | 2568 | hernia - inguinal unilateral | 374.60 | each | 35 |
| 1569 | 2569 | hernia - perineal | 107.80 | 10 minutes | |
| 1570 | 2570 | hernia - inguinal bilateral | 867.20 | each | 80 |
| 1571 | 2571 | suture incision / laceration | 107.80 | 10 minutes | |
| 1572 | 2572 | laceration (major) | 107.80 | 10 minutes | |
| 1573 | 2573 | laceration (minor) | 107.80 | 10 minutes | |
| 1574 | 2574 | nephrectomy | 724.10 | each | 67 |
| | 2576 | urethrostomy - perineal | 646.70 | each | 60 |
| 1576 | | urethrotomy - prepubic | 575.10 | each | 53 |
| 1579 | 2579 | splenectomy | 659.50 | each | 61 |
| 1591 | 2591 | materials | I.C. | fee | |
| 1592 | 2592 | surgical pack fee - standard - 1 gown | 66.40 | each | |
| 1594 | 2594 | surgical pack fee - standard - 2 gown | 97.00 | each | |
| 1593 | 2593 | surgical pack fee - special | I.C. | each | |

DENTISTRY

Dentistry should be billed by time to include the following items:

Hospitalization
Anaesthetic induction
Anaesthetic maintenance
Pain medication
Dental time calculated in 10 minute units
Special instrument (use if appropriate)
Suture materials
Assistant time (if required for surgery) calculated in 10 minute units
Intravenous fluids
X-rays
Medication in hospital
Medications dispensed
Lab work if appropriate
See sample invoices

Fees listed below are for procedural component only

Canine Feline

Prophylactic Services

| | | | | |
|------|------|---|-------|------------|
| 1600 | 2600 | dental unit per 10 minutes of technician time | 45.90 | 10 minutes |
| 1601 | 2601 | dental examination while anaesthetized | 48.00 | each |
| 1602 | 2602 | dental prophylaxis / polish-technician performed (grade I/II) | 71.70 | each |
| 1603 | 2603 | dental prophylaxis / polish-technician performed (grade III/IV) | 94.10 | each |
| 1604 | 2604 | fluoride gel application | 10.80 | each |
| 1605 | 2605 | fluoride varnish | 69.60 | each |

Dental Radiology

| | | | | |
|------|------|----------------------------------|--------|------|
| 1608 | 2608 | dental x-ray | 41.60 | each |
| 1609 | 2609 | dental x-ray (additional) | 20.40 | each |
| | 2610 | dental x-ray (full mouth feline) | 119.50 | each |

Endodontics

I.C.

Dental Surgery

| | | | | |
|------|------|------------------------------------|--------|------------|
| 1630 | 2630 | root planing | 107.80 | 10 minutes |
| 1631 | 2631 | dental surgery (eg. gingival flap) | 107.80 | 10 minutes |

Extractions

| | | | | |
|------|------|----------------------------|--------|------------|
| 1635 | 2635 | extractions per 10 minutes | 107.80 | 10 minutes |
|------|------|----------------------------|--------|------------|

Dental Nerve Blocks

| | | | | |
|------|------|--------------------|-------|----------|
| 1650 | 2650 | dental nerve block | 36.50 | per site |
|------|------|--------------------|-------|----------|

| | | | | |
|------|------|---------------------------------------|-------|------|
| 1591 | 2591 | materials | I.C. | |
| 1592 | 2592 | surgical pack fee - standard - 1 gown | 66.40 | each |
| 1593 | 2593 | surgical pack fee - special | I.C. | |

PROFESSIONAL SERVICES

Note: for procedures not listed, fees can be calculated by using 10 minute units

Technician time per 10 minute unit
Surgical time per 10 minute unit
Plus equipment or disposables

Hospital Unit is applicable for time spent by doctor or technician performing non-surgical care: ear cleaning, wound cleaning / shaving in hospital or exam room.

Canine Feline

| | | | | |
|---|------|---|--------|------------|
| 1800 | 2800 | technician per 10 minutes | 45.90 | 10 minutes |
| 1590 | 2590 | surgical fee per 10 minutes | 107.80 | 10 minutes |
| 1700 | 2700 | abscess - Penrose drain / flush / suture | 93.70 | each |
| 1701 | 2701 | abdominal fluid drainage | 84.30 | each |
| 1702 | 2702 | abdominocentesis | 59.90 | each |
| 1703 | 2703 | anal glands expressed | 38.40 | each |
| 1704 | 2704 | anal glands expressed with infusion | 84.40 | each |
| 1705 | 2705 | arthrocentesis (joint tap) - add pack fee (code 1592) | 107.80 | 10 minutes |
| 1706 | 2706 | artificial insemination | 177.00 | each |
| 1709 | 2709 | necropsy - histology extra | 157.10 | each |
| 1710 | 2710 | necropsy (referral) | I.C. | each |
| <i>Note: Necropsy referral includes: lab fees, professional time for submission, interpretation and consultation (20 minutes)</i> | | | | |
| 1711 | 2711 | bandaging (small) | 39.70 | each |
| 1712 | 2712 | bandaging (large) | 66.40 | each |
| 1051 | 2051 | blood collection | 31.10 | each |
| 1715 | 2151 | blood pressure (during examination) | 68.90 | each |
| 1714 | 2714 | blood pressure (ongoing monitoring) | 35.00 | each |
| 1716 | 2716 | burial | I.C. | |
| 1717 | 2717 | cast removal | 76.20 | each |
| 1718 | 2718 | catheterization - urinary (female) | 68.50 | each |
| | 2719 | catheterization - urinary (flush bladder / F.U.S.) | 45.90 | 10 minutes |
| 1720 | 2720 | catheterization - urinary (male) | 62.00 | each |
| 1721 | 2721 | cerebrospinal fluid tap | 149.70 | each |
| 1722 | 2722 | clean wound | 45.90 | 10 minutes |
| 1727 | 2727 | cystocentesis | 45.10 | each |
| 1730 | 2730 | deworm (oral - round / hookworm) | I.C. | |
| 1731 | 2731 | deworm (oral - tapeworm) | I.C. | |
| 1732 | 2732 | dispensing fee (per prescription) | 18.90 | each |

Add cost of medications plus markup.

Markup on medications is left to the discretion of the individual veterinarian.

| | | | | |
|------|------|--|--------|------|
| 1733 | 2733 | ear flush / medicate | 72.90 | each |
| 1734 | 2734 | ear pluck / flush / medicate | 90.20 | each |
| 1735 | 2735 | electronic microchip implant (does not includes implant) | 41.60 | each |
| 1736 | 2736 | enema | 49.60 | each |
| 1737 | 2737 | additional enema (each) | 38.40 | each |
| 1738 | 2738 | fine needle aspirate (does not include lab) | 58.20 | each |
| 1751 | 2751 | lavage (gastric or other) | 136.90 | each |
| 1752 | 2752 | medicated bath | 86.80 | each |
| 1753 | 2753 | oxygen set up | I.C. | |
| 1754 | 2754 | oxygen (add intensive care fee) | 16.90 | hour |
| 1755 | 2755 | patient transportation | I.C. | |
| 1756 | 2756 | nail trim | 29.00 | each |

PROFESSIONAL SERVICES (continued)

Note: for procedures not listed, fees can be calculated by using 10 minute units

Technician time per 10 minute unit

Surgical time per 10 minute unit

Plus equipment or disposables

Technician time is applicable for time spent by doctor or technician performing non-surgical care: ear cleaning, wound cleaning / shaving in hospital or exam room.

Canine Feline

| | | | | |
|------|------|--|--------|------------|
| 1757 | 2757 | prep room fee (cleaning & supplies used in preparation of procedure) | 34.40 | each |
| 1758 | 2758 | prostate wash | 81.30 | each |
| 1762 | 2762 | quill removal | 45.90 | 10 minutes |
| 1763 | 2763 | replace splint | 68.40 | each |
| 1766 | 2766 | stomach tube | 59.40 | each |
| 1767 | 2767 | tattooing (1st) | 56.90 | each |
| 1768 | 2768 | tattooing (additional litter mates) | 34.80 | each |
| 1771 | 2771 | thoracic air / fluid drainage | 107.80 | 10 minutes |
| 1774 | 2774 | transtracheal wash | 106.60 | each |
| 1776 | 2776 | warm water thermal pad / day | 13.60 | day |

Medication Administration

Outpatient

| | | | | |
|------|------|---|-------|------|
| 1780 | 2780 | injection - outpatient (all injections) | 41.60 | each |
|------|------|---|-------|------|

Injections

| | | | | |
|------|------|--|-------|------|
| 1785 | 2785 | injection - intramuscular / subcutaneous (first) | 28.20 | each |
| 1786 | 2786 | injection - IM / SC (additional) | 12.80 | each |
| 1787 | 2787 | injection - intravenous | 38.40 | each |
| 1788 | 2788 | injection - intravenous (into IV line) | 12.80 | each |
| 1789 | 2789 | oral medication | 16.90 | day |

Costly medications should be billed for in addition to the above injection fees.

Euthanasia / Cremation

| | | | | |
|------|------|--------------------------------------|--------|------|
| 1790 | 2790 | cremation (up to 7.5 kg) | I.C. | |
| 1791 | 2791 | cremation (7.5 - 22 kg) | I.C. | |
| 1792 | | cremation (23 - 44 kg) | I.C. | |
| 1793 | | cremation (> 44 kg) | I.C. | |
| 1794 | 2794 | private cremation (ashes returned) | I.C. | |
| 1795 | 2795 | euthanasia (elective) | 127.80 | each |
| 1796 | 2796 | euthanasia (with previous treatment) | 100.20 | each |
| 1797 | 2797 | care of remains | 93.60 | each |

Boarding and Hospitalization For Non-Elective Procedures

Canine Feline

| | | | | |
|------|------|-----------------------|-------|----------|
| | 2801 | boarding - cage - cat | 27.40 | 24 hours |
| 1802 | | boarding - cage - dog | 32.50 | 24 hours |
| 1803 | 2803 | boarding - run | 42.60 | 24 hours |

Hospitalization includes boarding plus monitoring of a patient by a professional - technician or veterinarian.
 Note: In hospital examination by veterinarian is additional charge

| | | | | |
|------|------|--|-------|------------|
| 1805 | 2805 | hospitalization - part day (boarding + monitoring) | 54.20 | part day |
| 1806 | 2806 | hospitalization - 24 hours (boarding + monitoring) | 78.50 | each |
| 1809 | 2809 | isolation [in addition to the hospitalization fee] | 15.90 | part day |
| 1816 | 2816 | intensive care surcharge (1/2 day) | 47.40 | additional |
| 1815 | 2815 | intensive care surcharge (1 day) i.e. Parvo - case [replaces the professional care fee] | 94.40 | additional |

*** HOW TO CHARGE HOSPITALIZATION**

A cat admitted in the morning and sent home that evening would be charged:
 Code 2805 - hospitalization part day 54.20

If this cat was discharged the next morning, you would charge:
 Code 2806 - hospitalization - 24 hrs* 78.50
 * not including professional time

| | | | | |
|------|------|--------------------------------|-------|------------|
| 1800 | 2800 | technician time per 10 minutes | 45.90 | 10 minutes |
|------|------|--------------------------------|-------|------------|

In addition to boarding and the appropriate professional fee, there may be chargeable time for unusual care for which there is no specific code. Such care may include flushing abscesses, clipping hot spots, removing porcupine quills, etc. This service may be performed by a technician. The technician unit fee provides a mechanism of billing for such procedures based on a ten minute unit of time.

FLUID THERAPY

Canine Feline

IV Set Up and Maintenance

| | | | | |
|------|------|---|--------|----------|
| 1859 | 2859 | Base Fee - includes I.V. catheterization (cephalic) drip set bag of fluids I.V. (daily maintenance fee - first day) | 165.10 | base fee |
|------|------|---|--------|----------|

Add On Procedures

| | | | | |
|------|------|---------------------------------|-------|--------|
| 1853 | 2853 | I.V. bolus | 28.20 | add on |
| 1854 | 2854 | butterfly catheter | 50.60 | add on |
| 1855 | 2855 | butterfly catheter (replace) | I.C. | |
| 1861 | 2861 | I.V. catheterization (cut down) | I.C. | |
| 1862 | 2862 | I.V. catheterization (jugular) | 55.60 | add on |
| 1860 | 2860 | I.V. catheterization (replace) | 57.10 | add on |

Note: Catheterization includes the cost of the catheter.

Administration Set / Fluids

| | | | | |
|------|------|-------------------------------------|-------|--------|
| 1870 | 2870 | Buretrol administration set | 72.20 | add on |
| 1872 | 2872 | extension set | 10.20 | add on |
| 1873 | 2873 | I.V. infusion pump drip set | 33.90 | add on |
| 1874 | 2874 | use of fluid pump (one time charge) | 56.20 | add on |
| 1880 | 2880 | bag of fluids | 33.50 | add on |

Subcutaneous Fluids

| | | | | |
|------|------|---------------------|-------|------|
| 1881 | 2881 | subcutaneous fluids | 59.70 | each |
|------|------|---------------------|-------|------|

Maintenance

| | | | | |
|------|------|--|-------|--------|
| 1891 | 2891 | I.V. (daily maintenance fee - additional days) | 68.90 | add on |
|------|------|--|-------|--------|

Blood Transfusion

| | | | | |
|------|------|---|--------|------|
| 1895 | 2895 | blood transfusion (does not include cross matching) | 560.70 | each |
|------|------|---|--------|------|

Note: Fees may be itemized or used as a one line fee.

Anaesthetic IV Fluids

| | | | | |
|------|------|--|-------|----------|
| 1380 | 2380 | Base Fee - includes drip set bag of fluids | 45.60 | base fee |
|------|------|--|-------|----------|



동물병원 진료 표준화 방안 마련 결과보고서

첨부자료 7

반려동물병원 진료 표준화 워크숍 자료



농림축산식품부

“동물병원 진료 표준화 방안 마련” 연구용역 워크숍

1. 개요

- 일 시 : 2020.1.31(금) 13:30 ~ 2.1(토) 13:00, 1박 2일
- 장 소 : 곤지암리조트 E빌리지 1층, Conference M4(예정)
(경기도 광주시 도척면 도척윗로 278 / 02-1661-8787)

□ 목 적

- 동물병원 진료 표준화(진료항목·용어 표준화, 표준 진료 프로토콜 마련 등)와 관련하여 국내 유사사례(사람의료)*에 대한 전문가의 강의 실시 및 동물의료체계 적용 방안 등 자문

* 비급여진료항목 표준화 사업(건강보험심사평가원), 임상진료지침(대한의학회)

- 연구진 역할분담에 따른 각 연구현황 검토 및 향후 연구 계획 (종합 결론 도출, 최종보고서 준비 등) 수립

2. 세부일정(안)

| 일 자 | 시 간 | 내 용 | 비 고 |
|---------|-------------|----------------------------------|------------------------|
| 1.31(금) | 13:30~14:00 | 등 록 | |
| | 14:00~15:40 | “비급여 진료비용 공개 업무” 강의 및 질의·응답 | 김용경 부장 (건강보험심사평가원) |
| | 15:40~16:00 | 휴 식 | |
| | 16:00~17:40 | 토 의 | |
| | 17:40~18:00 | 방배정 및 개인정비 | |
| | 18:00~19:00 | 석 식 | |
| 2.1(토) | 07:00~10:00 | 조식/체크아웃 | |
| | 10:00~11:40 | “임상진료지침 개발 개요와 기획” 강의 및 질의·응답 | 김수영 가정의학과장 (강동성심병원) |
| | 11:40~12:00 | 휴 식 | |
| | 12:00~13:00 | 토의/해산 | |



워크숍 1일차



워크숍 2일차

비급여 진료비용 공개 업무

- 공개 항목 표준화 -

2020. 01.



건강보험심사평가원
HEALTH INSURANCE REVIEW & ASSESSMENT SERVICE

비급여정보관리부

I. 개 요

1 목적

- 비급여 진료비용을 의료기관별로 쉽게 비교 가능하도록 공개함으로써 국민의 알권리 보장 및 의료선택권의 강화

2 법적 근거

□ 비급여 진료비용 등의 현황조사 등

| | |
|-----------------------|--|
| <p>의료법 제45조의2</p> | <p>○제45조의2(비급여 진료비용 등의 현황조사 등)</p> <p>① 보건복지부장관은 모든 의료기관에 대하여 비급여 진료비용 및 제45조제2항에 따른 제증명수수료 (이하 이 조에서 “비급여 진료비용 등”이라 한다)의 항목, 기준 및 금액 등에 관한 현황을 조사·분석하여 그 결과를 공개할 수 있다. 다만, <u>병원급 의료기관에 대하여는 그 결과를 공개하여야 한다.</u> <개정 2016.12.20.></p> <p>② 보건복지부장관은 제1항에 따른 비급여진료비용 등의 현황에 대한 조사·분석을 위하여 의료기관의 장에게 관련 자료의 제출을 명할 수 있다. 이 경우 해당 의료기관의 장은 특별한 사유가 없으면 그 명령에 따라야 한다. <신설 2016.12.20.></p> <p>③ 제1항에 따른 현황조사·분석 및 결과 공개의 범위·방법·절차 등에 필요한 사항은 보건복지부령으로 정한다. <개정 2016.12.20.></p> <p>[본조신설 2015.12.29.]</p> |
| <p>의료법 제92조</p> | <p>○ 제92조(과태료) ① 생략</p> <p>② 다음 각 호의 어느 하나에 해당하는 자에게는 200만원 이하의 과태료를 부과한다. <개정 2016.12.20.></p> <ol style="list-style-type: none"> 1. 생략 2. 제45조의2제2항을 위반하여 자료를 제출하지 아니하거나 거짓으로 제출한 자 3. 생략 |

| | |
|--------------------------------|--|
| <p>의료법 시행령 제42조</p> | <p>○ 제42조(업무의 위탁)</p> <p>② 보건복지부장관은 법 제86조제2항에 따라 법 제45조의2제1항에 따른 비급여 진료비용 및 제증명수수료에 대한 조사.분석 및 그 결과 공개에 관한 업무를 다음 각 호의 전문기관에 위탁 할 수 있다.<개정 2017.6.20.></p> <ol style="list-style-type: none"> 1. 법 제28조에 따른 의사회, 치과의사회 또는 한의사회 2. 「공공기관의 운영에 관한 법률」제4조에 따른 공공기관 중 그 설립 목적이 보건의료와 관련되는 공공기관 3. 그 밖에 위탁 업무 수행에 필요한 조직,인력 및 전문성 등을 고려하여 보건복지부장관이 고시하는 기관 <p>[본조신설 2016.9.29.]</p> |
| <p>의료법 시행규칙 제42조의3</p> | <p>○ 제42조의3(비급여 진료비용 등의 현황조사 등)</p> <p>① 법 제45조의2제1항에 따라 보건복지부장관이 법 제45조제1항 및 제2항의 비급여 진료비용 및 제증명수수료(이하 이 조에서 “비급여 진료비용등”이라 한다)에 대한 현황 조사.분석을 하는 의료기관은 병원급 의료기관 중 병상규모 및 입원 환자의 수 등을 고려하여 보건복지부장관이 정하여 고시하는 의료기관으로 한다.</p> <p>[본조신설 2016.10.6.]</p> |
| <p>관련 고시</p> | <p>○ 비급여 진료비용 등의 공개에 관한 기준</p> <ul style="list-style-type: none"> - 보건복지부 고시 제2016-193호(2016.10.6. 제정) - 보건복지부 고시 제2016-261호(2016.12.28. 개정) - 보건복지부 고시 제2017-244호(2017.12.27. 개정) - 보건복지부 고시 제2018-299호(2018.12.27. 개정) - 보건복지부 고시 제2019-322호(2019.12.30. 개정) |

□ 비급여 진료비용 등의 고지

의료법
제45조

- 제45조(비급여 진료비용 등의 고지)
- ① 의료기관 개설자는「국민건강보험법」제41조제4항에 따라 요양급여의 대상에서 제외되는 사항 또는「의료급여법」제7조제3항에 따라 의료급여의 대상에서 제외되는 사항의 비용(이하 "비급여 진료비용"이라 한다)을 환자 또는 환자의 보호자가 쉽게 알 수 있도록 보건복지부령으로 정하는 바에 따라 고지하여야 한다.
<개정 2010.1.18., 2011.12.31., 2016.3.22.>
- ② 의료기관 개설자는 보건복지부령으로 정하는 바에 따라 의료기관이 환자로부터 징수하는 제증명수수료의 비용을 게시하여야 한다.
<개정 2010.1.18.>
- ③ 의료기관 개설자는 제1항 및 제2항에서 고지·게시한 금액을 초과하여 징수할 수 없다.
[전문개정 2009.1.30.]

의료법
제63조

- 제63조(시정 명령 등)
- 보건복지부장관 또는 시장·군수·구청장은 의료기관이 제15조제1항, 제16조제2항, 제21조제1항 후단 및 같은 조 제2항·제3항, 제23조제2항, 제34조제2항, 제35조제2항, 제36조, 제36조의2, 제37조제1항·제2항, 제38조제1항·제2항, 제41조부터 제43조까지, 제45조, 제46조, 제47조제1항, 제58조의4제2항, 제62조제2항을 위반한 때, 종합병원·상급종합병원·전문병원이 각각 제3조의3제1항·제3조의4제1항·제3조의5제2항에 따른 요건에 해당하지 아니하게 된 때, 의료기관의 장이 제4조제5항을 위반한 때 또는 자율심의기구가 제57조제11항을 위반한 때에는 일정한 기간을 정하여 그 시설·장비 등의 전부 또는 일부의 사용을 제한 또는 금지하거나 위반한 사항을 시정하도록 명할 수 있다.
<개정 2018.3.27.>

| | |
|--|---|
| <p style="text-align: center;">의료법 시행규칙 제42조2</p> | <p>○ 제42조의2(비급여 진료비용 등의 고지)</p> <p>① 법 제45조제1항에 따라 의료기관 개설자는 비급여 대상의 항목 (행위·약제 및 치료재료를 말한다. 이하 이 조에서 같다)과 그 가격을 적은 책자 등을 접수창구 등 환자 또는 환자의 보호자가 쉽게 볼 수 있는 장소에 갖추어 두어야 한다. 이 경우 비급여 대상의 항목을 묶어 1회 비용으로 정하여 총액을 표기할 수 있다. <개정 2016.10.6.></p> <p>② 법 제45조제2항에 따라 의료기관 개설자는 진료기록부 사본·진단서 등 제증명수수료의 비용을 접수창구 등 환자 및 환자의 보호자가 쉽게 볼 수 있는 장소에 게시하여야 한다.</p> <p>③ 인터넷 홈페이지를 운영하는 의료기관은 제1항 및 제2항의 사항을 제1항 및 제2항의 방법 외에 이용자가 알아보기 쉽도록 인터넷 홈페이지에 따로 표시하여야 한다.<개정 2015.5.29.> [본조신설 2010.1.29.]</p> |
| <p style="text-align: center;">관련 고시</p> | <p>○ 비급여 진료비용 등의 고지 지침</p> <ul style="list-style-type: none"> - 보건복지부 고시 제2015-218호(2015.12.21. 제정) - 보건복지부 고시 제2016-262호(2016.12.28. 개정) - 보건복지부 고시 제2019-321호(2019.12.30. 개정) |

3 추진 경과

- '12.10. 제48차 물가 관계 장관회의
 - 의료기관 비급여 진료비용 정보공개를 단계적 확대 추진 결정
- '13.01. 상급종합병원 대상, 상급병실료차액 등 29개 항목 공개
 - 심평원 국민 홈페이지를 통해 공개
- '13.09. 상급종합병원 대상, MRI 등 8항목 추가 공개 (43기관, 37항목)
- '14.02. 300병상 초과 종합병원으로 공개대상 확대 (153기관, 37항목)
- '14.04. 비급여진료비용 송.수신 시스템 개발(요양기관 업무포털 서비스를 통해 제출)
- '14.12. 전체 종합병원 및 치대부속치과병원으로 공개대상 확대(336기관, 32항목)
- '15.03. 비급여 진료비용 정보 조회 모바일 서비스 제공
- '15.12. 「의료법」 제45조의2(비급여 진료비용 등의 현황조사 등) 신설
치과·한방·전문병원까지 공개대상 확대 (887기관, 52항목)
- '16.10. 「비급여진료비용 등의 공개에 관한 기준」제정
- '16.12. 「의료법」 제45조의2, 제92조, 「비급여진료비용 등의 공개에 관한 기준」개정
150병상 초과 병원(요양병원)으로 공개대상 확대 (2,041기관, 52항목)
- '17.04. 전체 병원급 의료기관으로 공개대상 확대 (3,666기관, 107항목)
- '18.04. 전체 병원급 의료기관 대상 공개 (3,762기관, 207항목)
- '19.04. 전체 병원급 의료기관 대상 공개 (3,825기관, 340항목)

< 연도별 비급여 진료비용 공개현황 (2013~2019년)>

| 구분 | 2013년 | 2014년 | 2015년 | 2016년 | 2017년 | 2018년 | 2019년 |
|----------|----------------------|------------------------|-----------------|--------------------------|-------------|-------------|-------------|
| | 43개소 | 336개소 | 887개소 | 2,041개소 | 3,666개소 | 3,762개소 | 3,825개소 |
| 공개 대상 기관 | 상급종합병원 | 종합병원급 이상, 치과대학 부속 치과병원 | 치과, 한방, 전문병원 확대 | 150병상 초과 병원 (요양병원 포함) 확대 | 병원급 의료기관 전체 | 병원급 의료기관 전체 | 병원급 의료기관 전체 |
| 공개 항목 | 1월: 29항목 9월: 37항목 | 2월: 37항목 12월: 32항목* | 52항목 | 52항목 | 107항목 | 207항목 | 340항목 |

II. 공개 업무 절차

1 업무 흐름도

| 절차 | 상세 업무 | 일정 |
|--------|--|------------------------|
| 공개항목선정 | 비급여 진료비용 현황조사·분석 및 공개대상 항목 선정 | ~12.31. |
| 안내문 발송 | 자료제출 요청서 발송 (자료 제출기한 및 제출 항목 등 명시) | 1.15.~1.31. |
| 자료수집 | 「비급여 진료비용 송·수신 시스템」을 통한 수집 | 2.1.~2.28. |
| 정보구축 | 「비급여 진료비용 송·수신 시스템」 및 「BizNet」 관리자 화면 DB 연계·구축 | 1.1.~12.31. (연중 상시) |
| 정보검증 | 고지비용 정보 비교 확인·검증 (의료기관별 홈페이지 및 제출된 근거자료 대조) | 3.1.~3.31. |
| 자료분석 | 기술통계 적용·분석 (의료기관별 제출된 최종 정보 확인 후 확정된 건) | 3.20.~3.31 |
| 결과공개 | 분석된 통계값 및 정보 반영 (국민 홈페이지 및 모바일 앱) | 4.1. |

2 업무 절차

① 공개항목 선정 (항목 표준화)

| | 1단계 | | 2단계 | | 3단계 | | 4단계 | | 5단계 | |
|----|----------|----------|-------------------------|--------|-----------------|-------|-------------------|-------|-----------|--|
| 단계 | 항목 발굴 | | 항목선정 기준 계량화 | | 전문의학적 검토 및 의견수렴 | | 항목선정 및 고시개정(안) 검토 | | 행정예고 및 고시 | |
| 내용 | 신규 항목 발굴 | 기존 항목 개선 | 비급여 진료비용 공개항목 선정 항목별 평가 | 전문가 자문 | 대내외 회의 | 항목 선정 | 고시개정(안) 검토 | 행정 예고 | 고시 | |

가. (1단계) 항목 발굴

1) 관련 법적 근거

◆ 「비급여 진료비용 등의 공개에 관한 기준」제4조(현황조사·분석 및 공개 항목)에 의한 선정기준

1. 비급여 대상이 되는 행위·약제·치료재료 중 의료기관에서 실시·사용·조제하는 빈도 및 개별항목의 징수비용
2. 선행연구, 전문가 및 의약단체 등의 의견수렴을 통해 확인되는 임상적 중요도 등의 의약학적 중요성
3. 환자안전 등 사회적 관심항목
4. 기타 비급여 관련 자료 등을 통하여 필요성이 확인되는 항목

2) 신규항목

- 보장성 강화정책에 따른 급여전환 대상항목
- 사회적 이슈, 국민관심 항목 등

3) 기존항목 개선

- 기존 항목의 삭제여부 및 분류 개선 검토
- 급여전환, 비급여 축소 등 항목 현황 파악
- 가격편차 큰 항목에 대해 세분화 검토

나. (2단계) 항목 선정 기준 계량화

1) 공개 항목선정 우선순위

- 민원 다빈도 항목
- 언론 보도 등 사회적 이슈 항목
- 보장성 강화 관련 표준화가 필요한 항목
- 기존 공개 항목 중 분류 개선이 필요한 항목 등

2) 공개 항목 선정 항목별 평가표

- 빈도 및 비용(40%)
 - 민원 제기건수, 대내외 요청
- 의약학적 중요성(30%)
 - 임상적 중요성, 공개정보 효율성
- 사회적 관심(30%)
 - 보장성 강화정책 연계, 언론 보도

※ (별첨1) 「비급여 진료비용 공개항목 선정 항목별 평가표」 참조

다. (3단계) 전문의학적 검토 및 의견수렴

1) 검토자료

가) 내부자료

- 원내 업무단위별로 수집되는 비급여 자료
 - 진료비 확인신청(민원), 의료기관 비급여 진료비용 고지 현황 수집자료 등
- 연구용역 및 건강정보서비스 만족도 조사 결과
 - 비급여 진료비용 정보공개 요청항목 순위
- 건강보험 보장성 강화 추진계획 등 자료
- 등재 및 기준 비급여 현황
 - 「건강보험 행위 급여.비급여 목록표 및 급여 상대가치점수」 비급여 목록
 - 「치료재료 급여.비급여 목록 및 급여상한금액표」 비급여 목록
 - 「요양급여의 적용기준 및 방법에 관한 세부사항과 심사지침」
 - 「신의료기술 안전성.유효성 평가결과」

나) 외부자료

- 보험개발원 「실손의료보험 비급여 진료비 분석」
- 언론 보도자료
- 소비자 관련 단체 제공 자료
- 관련 연구보고서(제외국 실태 등 파악)

2) 전문의학적 검토

- 진료심사평가위원회 자문
 - 공개항목 추천 및 발굴 신규항목의 공개 적합성 검토
 - 의료기관의 진료행태 등 임상현장을 반영
 - 발굴 신규항목의 분류, 명칭 및 행위정의 등
 - 전문 의학적 검토를 통한 근거중심의 표준화로 타당성 확보
- * ('19.) 진료심사평가위원회 자문회의 32회 시행(22개 진료과목)

○ 비급여 항목 행위정의

- 급여·비급여 등재, 신의료기술평가 관련 이력 및 현황 등 참조

※ (참고자료)

- ① 한국보건의료연구원(NECA) 신의료기술평가보고서
- ② 보건복지부 신의료기술 안전성·유효성 평가결과 고시
- ③ 행위(의과,치과,한방) 표준화 관련 연구 등

★ 행위설명(예)

| | |
|---|--|
| 레이저광선치료(Laser Therapy) - IPL을 이용한 안구 건조증 치료 (영문명: Intense Pulsed Light (IPL) Treatment for Dry Eye Syndrome) | |
| 정의 및 적용증 | ○ 대상 : 마이봄선 기능이상으로 인한 안구 건조증 환자 ○ 목적 : 안구 건조 증상 완화 |
| 실시방법 | ○ 검사방법 : 안구 보호 장비를 착용한 상태에서 안구 건조증 환자의 광대뼈와 관자놀이 부근의 피부영역에 IPL을 특정한 강도로 조사하여 마이봄선을 자극함 ① 환자 얼굴 세안 ② 환자(눈가리개), 시술자(마스크 고글) 착용 ③ 환자의 광대뼈와 관자놀이 부근에 넉넉한(최소 1cm) 두께로 젤 도포 ④ 눈 아래 안쪽 안각에서 관자놀이까지 각 눈에 광선조사 시행 |
| 소요장비 및 재료 | ○ 장비 : 펄스광선조사기 |

○ 항목 재분류

- 가격편차 큰 항목에 대해 세분화 검토 등

| 기존 | 재분류 |
|---|---|
| <ul style="list-style-type: none"> ▪ 치과임플란트 <p>※ 최저·최고간 8.6배 차이('19.4.)</p> | <p>※상부구조 재료에 따라 세분류</p> <ul style="list-style-type: none"> ▶ 치과임플란트(1치당)/Metal ▶ 치과임플란트(1치당)/Gold ▶ 치과임플란트(1치당)/PFM ▶ 치과임플란트(1치당)/PFG ▶ 치과임플란트(1치당)/올세라믹 ▶ 치과임플란트(1치당)/Zirconia ▶ 치과임플란트(1치당)/기타 |
| <ul style="list-style-type: none"> ▪ 추나요법/단순 ▪ 추나요법/복잡 ▪ 추나요법/특수 | <p>※ 급여전환에 따른 분류 변경</p> <ul style="list-style-type: none"> ▶ 추나요법/단순추나 ▶ 추나요법/복합추나 ▶ 추나요법/특수(탈구)추나 ▶ 특수(내장기, 두개천골)추나 |

3) 비급여 표준코드 부여

가) 코드

○ 행위 표준코드 코딩기준에 따라 9자리 코드 부여

| 코드 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|----|------|---|---|---|-----|---------------|---|---|---|
| 설명 | 호 | Z | 장 | 목 | 세분류 | 일련번호 순으로 코드부여 | | | |
| | 기본코드 | | | | | | | | |

※ 「비급여 행위(의과) 표준화 결과」(의료표준화팀, '15. 6.)

◆ 국민건강보험 요양급여의 기준에 관한 규칙 [별표2] 코딩기준

- ① 1번째 자리 : [별표2]에 해당하는 '호'의 번호
- ② 2번째 자리 : 비급여 진료의 의미로 알파벳 'Z' 부여
- ③ 3번째 자리 : 건강보험 행위 급여목록 '장'의 의미
비급여 행위가 제1장의 기본진료료는 1, 제2장 검사료는 2 등 부여
- ④ 4번째 자리 : 각 호의 '목'의 의미
가목의 경우는 1, 나목의 경우는 2 등 순서대로 부여
- ⑤ 5번째 자리 : 각 호에 따른 목을 세분화
2호 가목의 경우 쌍꺼풀수술(이중검수술)과 관련된 행위는 1, 코성형수술(융비술)과 관련된 행위는 2, 유방확대술은 3 등 순서대로 부여
- ⑥ 6~9번째 자리 : 일련번호 순서

(예시)

| 코드 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
|-----------|---------|------|---|---|-----|--------|---|---|---|---|
| 설명 | 호 | Z | 장 | 목 | 세분류 | 일련번호 순 | | | | |
| 시력교정술료 라식 | 2 | Z | 9 | 6 | 1 | 0 | 0 | 0 | 1 | |
| 시력교정술료 라섹 | 2 | Z | 9 | 6 | 2 | 0 | 0 | 0 | 1 | |
| 예방접종료 | 스카이조스터주 | 3 | Z | 5 | 2 | 0 | 0 | 3 | 0 | 1 |
| 대상포진 | | 로타릭스 | 3 | Z | 5 | 2 | 0 | 0 | 6 | 0 | 1 |

- 시력교정술료 라식 (2Z9610001), 라섹(2Z9620001)
- 예방접종료 대상포진-스카이조스터주(3Z5200301), 로타바이러스-로타릭스(3Z5200601)

나) 용어

- 용어를 알기 쉽게 순화 및 표준화
 - 항목별로 다르게 사용되고 있는 표현의 일관성확보 및 정확한 의미전달
 - 우리말, 접미사, 쪽치우침 용어 통일
(ex. '검사법'과 '검사방법' → '검사', '단측'과 '편측' → '편측'
'슬관절', '수관절' → '무릎관절', '손목관절')
 - 이해 가능한 단어 사용 : 경추(목부위), 흉추(등부위) 등
 - 중복표현 배제 : 뇌[뇌, 해마] → 뇌, 해마

4) 의견수렴

- 내부 관련부서
 - 비급여 진료비용 공개의 적합한 항목 추천
 - 항목의 급여·비급여 등재 및 예비급여전환 추진현황 등
- 외부 관련단체
 - 의료계 및 환자·소비자단체 등 이해관계자와 관련 전문가
 - 전문학회, 의약계단체, 환자·소비자단체, 학계 등
 - 비급여관리정책협의체, 시민참여위원회 등을 통한 의견수렴

다. (4단계) 항목선정 및 고시개정(안) 검토

- 복지부 업무협의 및 고시 개정(안) 검토

라. (5단계) 행정예고 및 고시

[별표1] **공개항목(제4조제2항 관련)**

1. 비급여 진료비용

| 연번 | 코드 | 종분류 | 분류 소분류 | 상세분류 | 비고 | | |
|----|-----------|-------|-----------------|---------------------------------|--|--|--|
| 1 | ABZ010001 | 상급병실료 | 1인실 | | * 복실, 복단간편 병실, 정신과병실 및 기타 특수한 병실은 제외 * 상급종합병원과 종합병원의 2인실, 3인실은 제외 | | |
| 2 | ABZ020001 | | 2인실 | | | | |
| 3 | ABZ030001 | | 3인실 | | | | |
| 4 | AZD010000 | 의료상당료 | 당뇨병교육 | | * 성인 소아 구분 * 교육시간 및 집단·개인교육 구분 | | |
| 5 | AZD020000 | | 고혈압교육 | | | | |
| 6 | AZD070000 | | 치매조별교육 | | | | |
| 7 | AZD080000 | | 고지혈증교육 | | | | |
| 8 | AZD090000 | | 개인생활양생관리 교육 | | | | |
| 9 | AZD100000 | | 유전상담사양해 필환교육 | | | | |
| 10 | AZD110000 | | 난치성뇌전증교육 | | | | |
| 11 | BZD710000 | | 정제경사표 | 혈소판 약물 반응검사(아스피린) [현장경사] | | | * 아스피린이나 Clopidogrel(P2Y12)을 투여하는 환자에게 혈소판 경제를 이용하여 약제 반응성 여부를 측정하는 검사 |
| 12 | BZD720000 | | | 혈소판 약물 반응검사(P2Y12) [현장경사] | | | |

2 자료 수집 및 분석

○ 「비급여 진료비용 송수신시스템」을 통한 자료 수집



○ 사용자 분석 시스템을 통한 수집자료 구축, 검증 및 분석

(산출지표)

- 최고가(Max): 가장 높은 비용
- 최저가(Min): 가장 낮은 비용
- 최빈값(Mod): 가장 많이 발생하는 비용
- 중앙값(Median): 조회조건 안의 값들을 순서대로 나열했을 때 순서적으로 가장 중앙에 위치하는 비용
- 평균(Mean): 전체의 발생금액의 합을 발생건수로 나눈 값
- 차이(배): 최고가/최저가
- 표준편차(표본): 조회조건 안에서 자료의 분산 정도를 나타내는 수치

3 비급여 진료비용 공개

- (공개 대상) 전체 병원급 이상 의료기관
- (공개 항목) 보건복지부 장관이 고시한 항목 * '19년 340항목
- (공개 시기) 매년 4월 1일(공휴일, 토요일인 경우 그 다음 날)
- (공개 방법)
 - 심사평가원의 인터넷 홈페이지 및 모바일 앱
 - 기자 간담회 실시 및 보도자료 배포

III. 비급여 진료비용 공개화면

1 건강보험심사평가원 홈페이지[www.hira.or.kr]

○ 홈페이지 초기화면 중앙의 ‘비급여 진료비 안내’ 클릭



○ ‘비급여진료비정보’ 화면이 열리고 4가지로 구분하여 정보 제공

- 비급여 알아보기, 기관별 현황정보, 병원규모별정보, 지역별정보



- ① 기관별 현황정보 : 검색조건에 따른 항목별 또는 의료기관별 비급여 진료 비용 정보 조회기능 제공
- 최저금액, 최고금액 파악 및 상세보기를 통해 의료기관 소재지, 금액별 세부 내용 확인 가능

초기화

비급여진료비항목

- 상급병실료차액
- 교육상담료
- 검체검사료
- 기능검사료
- 내시경, 천자 및 생검료
- 초음파검사료
- MRI진단료
- 이학요법료
- 처치 및 수술료

상세 분야

- 교육상담료
 - 당뇨병교육
 - 고혈압교육
 - 치태조절교육
 - 고지혈증교육
 - 재생불량성빈혈교육
 - 유전성대사장애질환교육
 - 난치성뇌전증교육

추가검색조건

이용안내

하리부위(요천추) MRI 비용이 궁금해요.

치과임플란트 비용이 어떻게 되나요?

총 1건이 검색되었습니다.

10개씩 보기

지도로 보기

| 병원명 | 병원 구분 | 항목 | | | 가격정보(단위: 원) | | | 소재지 | 반영일 | 병원 바로 가기 |
|-----|-------|-------|-------|----|-------------|--------|---------|--------|------------|----------|
| | | 분류 | 명칭 | 상세 | 구분 | 최저 비용 | 최고 비용 | | | |
| 병원 | 상급종합 | 교육상담료 | 당뇨병교육 | | 상세보기 | 44,000 | 127,100 | 서울 강남구 | 2019-04-01 | |

| 병원명 | 병원 구분 | 항목 | | | 가격정보(단위: 원) | | | 소재지 | 반영일 | 병원 바로 가기 |
|-----|-------|-------|-------|----|-------------|--------|---------|--------|------------|----------|
| | | 분류 | 명칭 | 상세 | 구분 | 최저 비용 | 최고 비용 | | | |
| | 상급종합 | 교육상담료 | 당뇨병교육 | | 닫기 | 44,000 | 127,100 | 서울 강남구 | 2019-04-01 | |

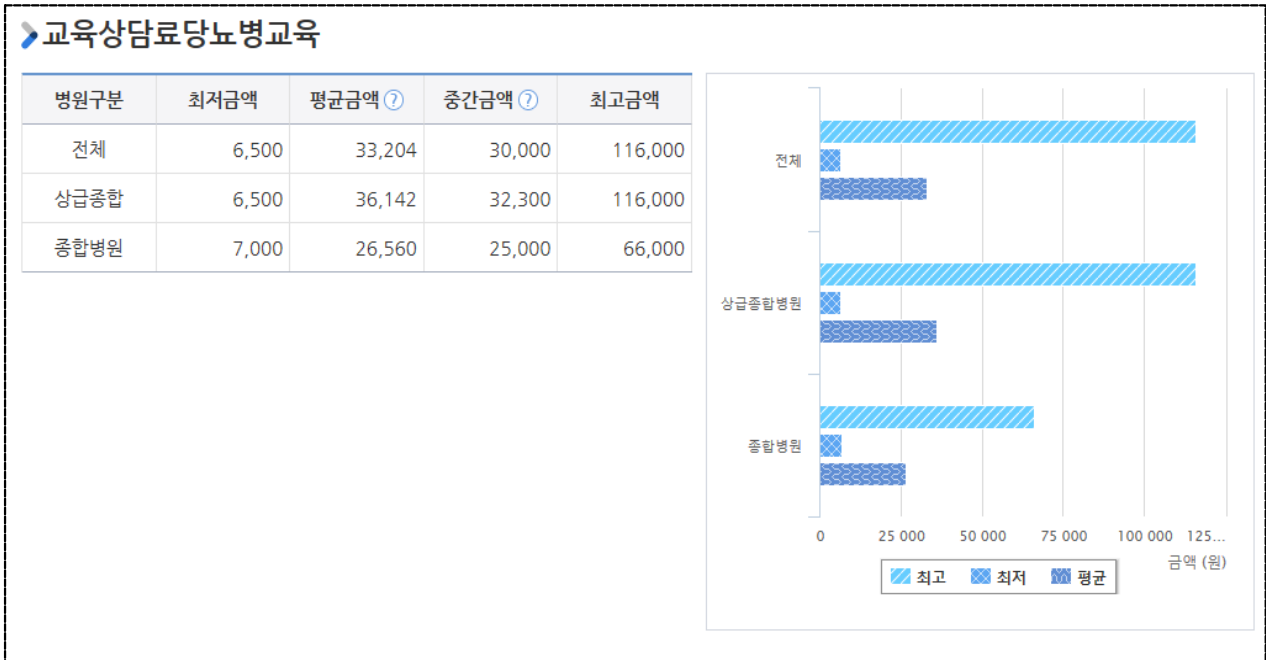
병원정보

주소: 서울특별시 강남구
대표자 번호: 02-

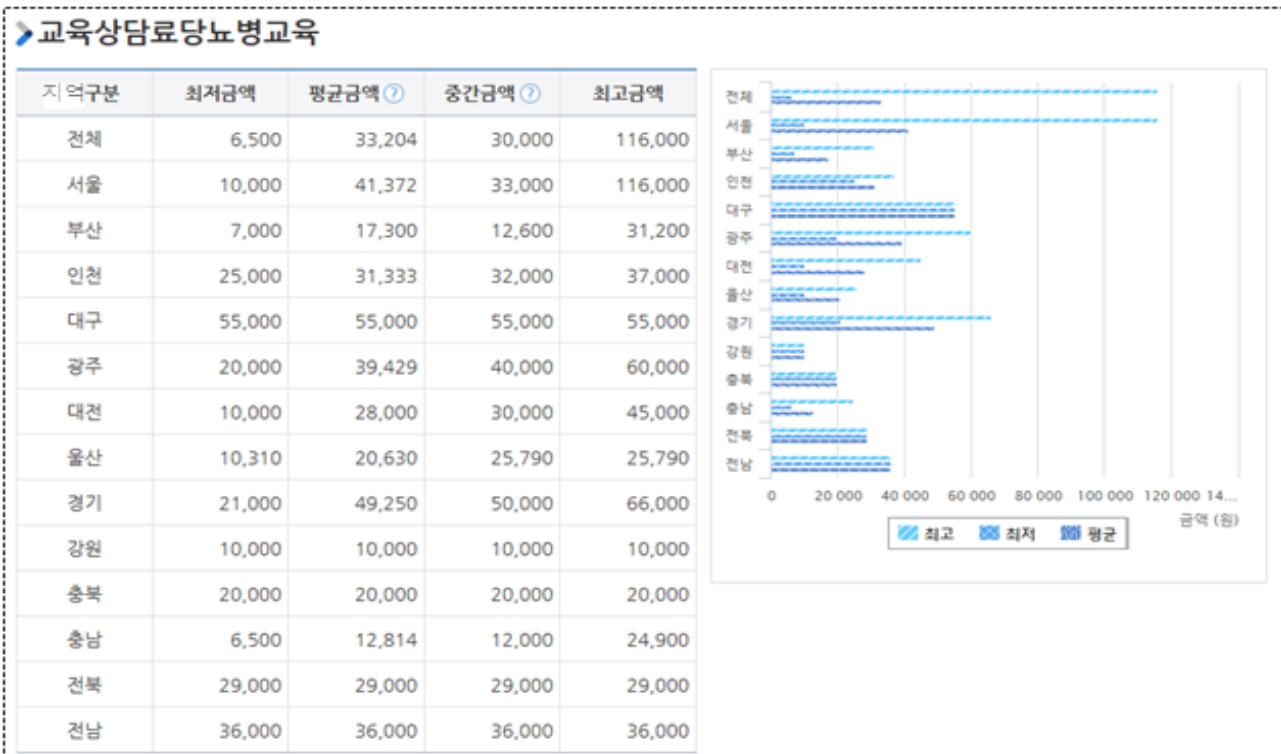
2019년 당해년도 가격정보

| 기관명 | 최고 (원) | 최저 (원) |
|--------|---------|--------|
| 상급종합병원 | 127,100 | 44,000 |
| 해당의료기관 | 127,100 | 44,000 |

② **병원규모별 정보** : 특정항목의 병원규모별 최저금액, 최고금액, 중간금액 및 평균금액을 조회. 그래프를 통해 한눈에 금액분포 확인 가능

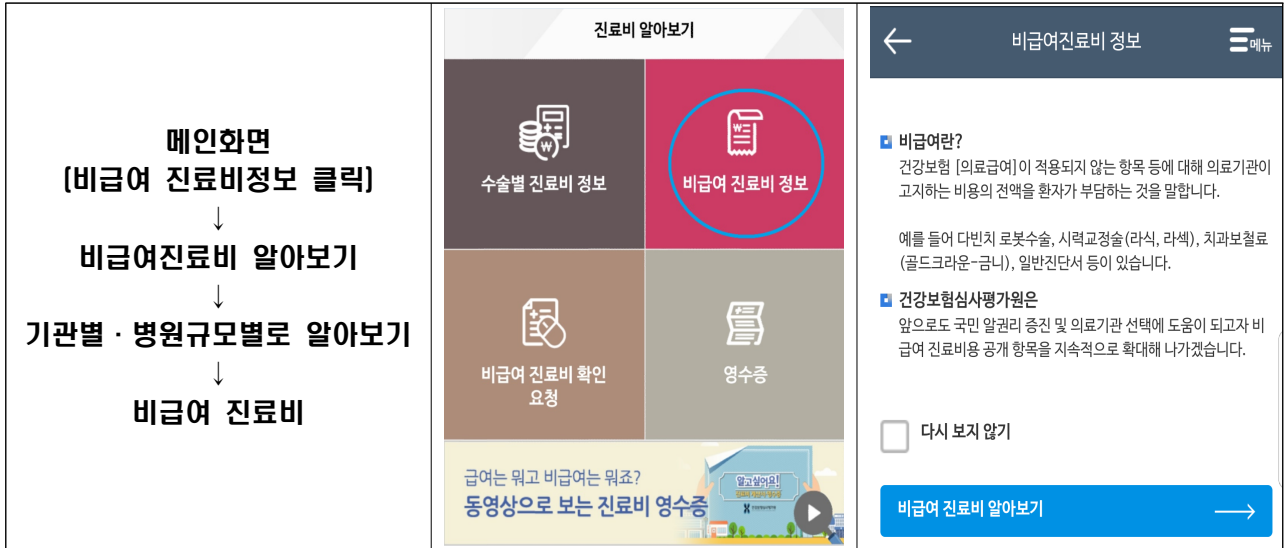


③ **지역별 정보** : 특정항목의 17개 시·도별 최저금액, 최고금액, 평균금액 및 중간금액을 조회. 그래프를 통해 한눈에 금액분포 확인 가능

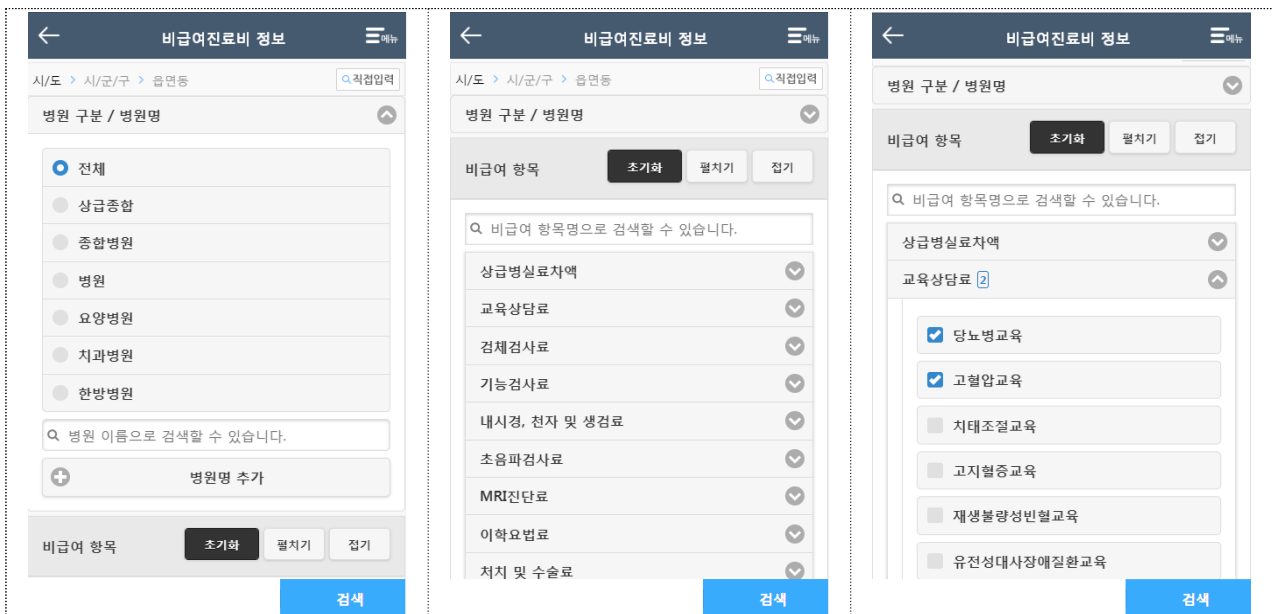


2 모바일 앱 [건강정보 앱]

- 앱 메인화면 하단의 ‘비급여 진료비 알아보기’를 터치하면 비급여 진료 비용 조회 화면으로 이동



- ① 기관별 현황정보: 검색조건에 따른 의료기관별 또는 항목별 비급여 진료 비용 정보 조회기능 제공
 - 최저금액, 최고금액 파악 및 상세보기를 통해 의료기관 소재지 및 금액 별 세부내용 확인 가능



② **병원규모별 정보** : 특정항목의 병원규모별 최저금액, 최고금액, 중간금액 및 평균금액을 조회.

← 비급여진료비 정보
☰ 메뉴

병원 구분

- 전체
- 상급종합
- 종합병원
- 병원
- 요양병원
- 치과병원
- 한방병원

비급여 항목 펼치기 접기

Q 비급여 항목명으로 검색할 수 있습니다.

- 상급병실료차액 ▼
- 교육상당료 ▼
- 검체검사료 ▼
- 기능검사료 ▼

초기화
검색

← 비급여진료비 정보
☰ 메뉴

■ 교육상당료당뇨병교육

| 병원구분 | 최저금액 | 평균금액 | 중간금액 | 최고금액 |
|--------|--------------|--------|--------|---------|
| 상급종합병원 | 6,500 | 10,000 | 36,142 | 116,000 |
| 종합병원 | 7,000 | 10,000 | 26,560 | 66,000 |
| 병원 | 검색 결과가 없습니다. | | | |
| 요양병원 | 검색 결과가 없습니다. | | | |
| 치과병원 | 검색 결과가 없습니다. | | | |
| 한방병원 | 검색 결과가 없습니다. | | | |

■ 제증명수수료진단서 (일반)

| 병원구분 | 최저금액 | 평균금액 | 중간금액 | 최고금액 |
|--------|--------|--------|--------|--------|
| 상급종합병원 | 10,000 | 20,000 | 19,348 | 20,000 |
| 종합병원 | 10,000 | 20,000 | 16,176 | 20,000 |
| 병원 | 5,000 | 20,000 | 14,167 | 20,000 |
| 요양병원 | 10,000 | 10,000 | 13,594 | 20,000 |
| 치과병원 | 5,000 | 10,000 | 14,063 | 20,000 |
| 한방병원 | 10,000 | 20,000 | 16,333 | 30,000 |

비급여진료비 다시검색
상단으로 이동 ↑

별첨1

비급여 진료비용 공개항목 선정 항목별 평가표

| | | | | | |
|--------|-----------------------------|---------------------------------|-------------------------------|-----------------------------|-----------------------------|
| 항목 | 명칭 | | | | |
| | 코드 | <input type="checkbox"/> 있음 () | <input type="checkbox"/> 없음 | | |
| | 구분 | <input type="checkbox"/> 행위 | <input type="checkbox"/> 치료재료 | <input type="checkbox"/> 약제 | <input type="checkbox"/> 기타 |
| 비급여 유형 | <input type="checkbox"/> 기준 | <input type="checkbox"/> 등재 | <input type="checkbox"/> 평가단계 | <input type="checkbox"/> 제도 | <input type="checkbox"/> 선택 |

| 평가 항목 | 평가 세부내용 | | 배점 | 배점 기준 | 점수 |
|----------------------|--|------------------------------|-------|----------------------------|----|
| 빈도 및 비용 (40%) | 민원 제기건수 (최근 2년 요양급여 대상여부확인 요청자료) | | 20 | 81~100% | |
| | | | 18 | 61~80% | |
| | | | 16 | 41~60% | |
| | | | 14 | 21~40% | |
| | | | 12 | 1~20% | |
| | 대내외 요청 (최근 2년) | | 20 | 보험개발원, 건보공단, 고객만족도 조사 등 | |
| 의약학적 중요성 (30%) | 진료 심사 평가 위원회 | 임상적 중요성 (급여항목의 대체 불가능) | 15 | 매우 중요 | |
| | | | 12 | 중요 | |
| | | | 9 | 보통 | |
| | | | 6 | 미비 | |
| | | | 3 | 매우 미흡 | |
| | 공개정보 효율성 | 15 | 매우 우수 | | |
| | | 12 | 우수 | | |
| | | 9 | 보통 | | |
| | | 6 | 미비 | | |
| | | 3 | 매우 미흡 | | |
| 사회적 관심 (30%) | 보장성 강화정책 연계 | | 20 | 정책 연계 항목 | |
| | 언론 보도 (최근 2년) | | 10 | 언론보도 | |
| 합계 | | | 100 | | |

위와 같이 평가함.
 년 월 일
 소속 및 직위:
 성명:

별첨2 비급여 표준화 관련 연구

| 연구명/연구기관(책임연구자) | 주요내용 |
|---|--|
| 진료비 정보공개 관리체계 구축 연구(손명세 외, 2010) | <ul style="list-style-type: none"> ■ 현재 통용되고 있는 의료기관의 비급여 항목별 책정 가격 파악 ■ 행위와 치료재료의 비급여에 대한 표준코드를 마련 ■ 비급여 진료비 정보 제공모형(안) 개발, 의료기관에서 사용 가능한 비급여 가격비교 관리체계의 토대 제공 |
| 비급여행위 항목별 분류체계 표준화 및 행위정의 개발 연구(치과)용역(대한치과의사협회, 2013) | <ul style="list-style-type: none"> ■ 국민건강보험요양급여의 기준에 관한 규칙 제9조 1항의 비급여 대상 중 초과 비급여 행위에 대하여 자료가 제공된 한도 내에서 항목별 분류 표준화(세분화, 계층화), 비급여 행위의 행위정의 개발 |
| 비급여행위 항목별 분류체계 표준화 및 행위정의 개발 연구(한방)(대한한의사협회 2013) | <ul style="list-style-type: none"> ■ 비급여행위 항목별 분류체계 표준화 및 행위정의 개발 (한방) |
| 비급여행위(의과) 항목별분류 체계의표준화 및 행위정의 개발 연구용역(대한의사협회·건강보험심사평가원, 2014) | <ul style="list-style-type: none"> ■ 비급여행위 자료분석 및 연구대상 선정 ■ 급여, 비급여 행위의 상호 연관성 확보를 위한 행위 분류 체계 마련 ■ 비급여 행위정의 개발 |
| 한국표준 의료행위 분류체계 개선 연구용역(서울대학교병원·건강보험심사평가원, 2016) | <ul style="list-style-type: none"> ■ 확장성 및 위계구조를 확보한 포괄적 의료행위를 분류할 수 있는 의료행위 분류체계 개발 |
| 한국표준 치과 의료행위 분류체계 개선 연구 (이정운 외, 2017) | <ul style="list-style-type: none"> ■ 치과 의료행위 분류체계 framework 개발 ■ 임상현실을 기반으로 치과 의료행위 및 급여, 비급여 진료를 포함한 한국형 치과 의료행위 분류체계 표준화(안) 마련 |
| 한국표준 한의과 의료행위 분류체계 개선 연구 (대한한의학회·건강보험심사평가원, 2017) | <ul style="list-style-type: none"> ■ 한의과 의료행위 분류체계 framework 개발 ■ 한의과 의무기록 데이터 분석을 통한 분류의 위계구조 검토 ■ 급여, 비급여, 자보 등 전체 한의과 의료행위를 포괄하는 통합분류체계 기반 마련 |
| 표준화 등 효율적인 진료비용 운영방안 마련을 위한 연구 (대한의학회·건강보험심사평가원, 2017) | <ul style="list-style-type: none"> ■ 비급여 항목 표준화의 대상 확대 ■ 비급여 진료비용 등의 수집, 분석, 관리체계의 활용 ■ 의료행위 통합 운영, 관리체계의 사후관리 방안 |

임상진료지침 개발 개요와 기획

한림의대 가정의학과
임상진료지침 전문위원
김수영

Outlines

- ▶ 개요
- ▶ 기획
- ▶ 지침 개발 프로세스
 - 진료지침 개발(de novo)
 - 진료지침 수용개작(adaptation)
 - 하이브리드 개발 (hybrid)

개요

임상 진료 지침의 정의

1) 정의

임상진료지침은 "보건의료 제공자의 의사결정에 도움을 주기 위해 과학적 근거를 검토하여 체계적으로 개발된 권고와 관련 내용을 기술한 것"으로 정의할 수 있다.

2) 관련 사항

임상진료지침은 환자가 의학적 의사 결정을 하는 경우에 도움을 줄 수 있으며 보건의료 제공자와 환자의 의사 소통에도 도움을 줄 수 있다. 또한 임상진료지침은 보건의료 인력의 교육에도 쓰일 수 있다.

- 김수영 등 2009 -

제외 대상

- ▶ 종설
- ▶ 체계적 문헌 고찰
 - 효과 평가는 있으나 권고안이 없는 경우
- ▶ 환자용 지침만 있는 경우
- ▶ 매뉴얼
 - 과정의 표준화, 정도 관리 등을 위한 자료
- ▶ 단순 번역된 진료지침
- ▶ 의료 기술 평가
- ▶ 진료 계획 표(critical pathway)

Clinical practice guideline

“Clinical practice guidelines are statements that include recommendations intended to optimize patient care that are informed by a systematic review of evidence and an assessment of the benefits and harms of alternative care options.

- IOM 2011, Clinical Practice Guidelines We Can Trust -

trustworthy, guidelines

- ▶ be based on a systematic review of the existing evidence
- ▶ be developed by a knowledgeable, multidisciplinary panel of experts and representatives
- ▶ consider important patient subgroups and patient preferences, as appropriate
- ▶ be based on an explicit and transparent process
- ▶ provide ratings of both the quality of evidence, the strength of the recommendations
- ▶ be up to date

- IOM 2011, Clinical Practice Guidelines We Can Trust -

진료지침의 표준

- ▶ 근거에 기반한 개발 [개발방법]
- ▶ 대표성을 가진 다학제 전문가에 의해 개발 [개발자]
- ▶ 환자의 선호도나 가치를 고려 [환자가치]
- ▶ 이해상충의 관리 [이해상충]
- ▶ 개정에 대한 명시 [개정]
- ▶ 권고안 표현의 명확성
- ▶ 적절한 권고 도출과 내용
- ▶ 권고강도와 근거수준의 제시
- ▶ 진료지침 범위에 대한 명확한 제시
- ▶ 실행에 대한 고려

J Health Tech Assess
2016;4(2):53-57

NEATs (NGC Extent of Adherence to Trustworthy Standards)

- ▶ Cover disclosure of the funding source
- ▶ Disclosure of conflicts of interest
- ▶ Management of conflicts of interest
- ▶ Multidisciplinary input
- ▶ Incorporation of patient perspectives
- ▶ Rigorous systematic review
- ▶ Recommendations accompanied by rationale
- ▶ Assessment of benefits and harms
- ▶ Clear linkage to the evidence
- ▶ Assessment of strength of evidence and strength of recommendation
- ▶ Clear articulation of recommendations
- ▶ External review by diverse stakeholders;
- ▶ Plans for updating

Ann Intern Med. 2019;170(7):480-487.

진료지침 개념 이해 : 효과와 효능

- ▶ three concepts testing interventions
 - **Efficacy** : an intervention does more good than harm under ideal circumstances (“**Can it work?**”).
 - **Effectiveness** : assesses when provided under usual practice (“**Does it work in practice?**”).
 - **Efficiency** : measures relation to the resources it consumes (“**Is it worth it?**”).

Can it work? Does it work? Is it worth it? Haynes. *BMJ* 1999;319:652-653

explanatory vs pragmatic trial

▶ Explanatory

- measure efficacy
- homogeneous a population as possible
- aims primarily to further scientific knowledge

▶ Pragmatic

- measure effectiveness
- reflects variations between patients that occur in real clinical practice
- aims to inform choices between treatments
- represent the patients to whom the treatment will be applied

What are pragmatic trials? Roland and Torgerson. BMJ 1998;316:285

CPG 개념 이해 : 근거 생성의 단계

▶ Evidence generation

- 주로 일차 연구

▶ Evidence synthesis

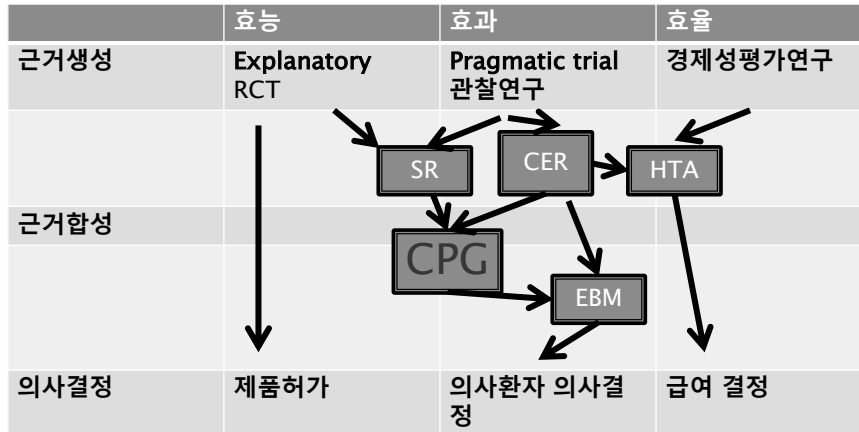
- 체계적 문헌 고찰

▶ Decision making

- 제품허가
- 의사-환자 의사결정
- 급여 결정

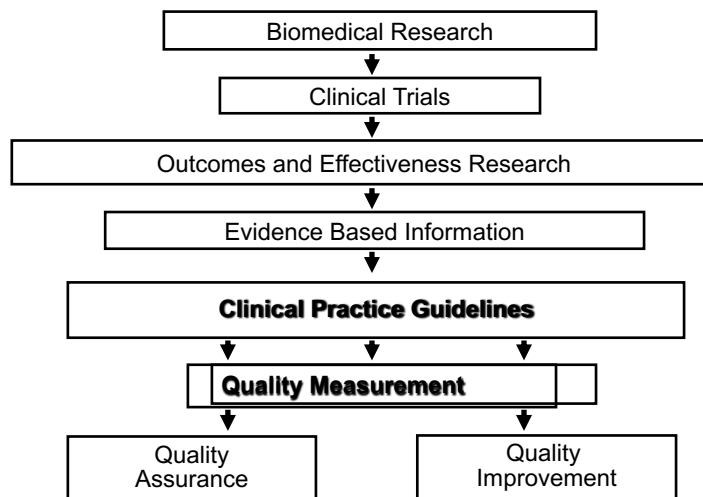
Luce BR, Drummond M, Jönsson B, Neumann PJ, Schwartz JS, Siebert U, Sullivan SD. EBM, HTA, and CER: clearing the confusion. Milbank Q. 2010 Jun;88(2):256-76.

CPG 개념



EBM, HTA, and CER: clearing the confusion. Milbank Q. 2010 Jun;88(2):256-76.

임상진료지침과 질 향상



J. Slutsky, US Guideline Clearinghouse, 2002 www.cpg2002.de

1990년까지 의학

▶ 주요 패러다임

- 임상적 의사 결정은 주로 경험과 기술에 따라
- 의학실무는 대가에게 배우는 것
- 질병의 병태생리가 중요하며, 이에 기초한 판단으로 임상적 의사 결정 충분
- 전문가의 의견에 기초한 진료가 표준적인 진료

Clinical Practice Guidelines We Can Trust. Institute of Medicine (US) 2011

주요 도전

▶ Underuse, Misuse, overuse

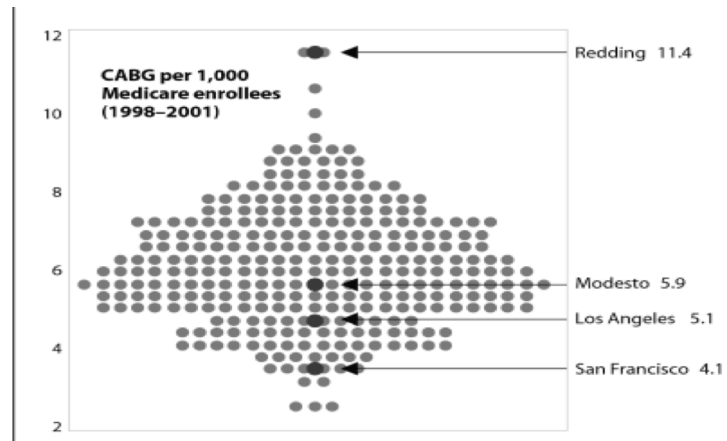
- 1970년대 : Practice variation이 매우 심각하다는 사실이 제기
- 1980년대, 부적절한 시술 (coronary angiography, carotid endarterectomy, EGD 17, 32, 17%)

▶ 1980년 이후 RCT 등 주요 문헌 급격한 증가

- 내과 의사가 적절한 의학지식 습득을 위해서 매일 33편의 논문 읽어야 함

Clinical Practice Guidelines We Can Trust. Institute of Medicine (US) 2011

Practice variation



Misuse, underuse, overuse



Billions Wasted Administering Unnecessary Treatment

Billions of pounds are being wasted on hospital procedures that aren't needed, with as many as **1 in 7 hospital procedures undertaken unnecessarily**. Sir Keogh, who has been quoted by The Telegraph, branded the level of overtreatment as "*profligate*" and said that "*a substantial proportion*" of NHS money is wasted.

방법론 정립

- ▶ EBM, Clinical epidemiology
 - 문헌 DB (pubmed) 정립
 - 문헌검색, 문헌평가 등 EBM 방법론 도입
 - 체계적 문헌고찰 방법론 정립, 발전(Cochrane 등)
- ▶ Systematic review에 기초한 CPG
 - Canadian Task Force on the Periodic Health Examination (1976)
 - the U.S. Preventive Services Task Force(USPSTF, 1984)

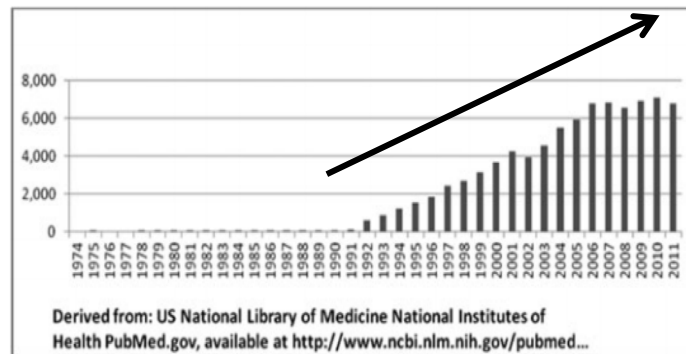
Clinical Practice Guidelines We Can Trust. Institute of Medicine (US) 2011

Clinical practice guidelines

- ▶ 미국, 유럽 1990년대 폭발적 증가
- ▶ 이유
 - 진료 variation 줄일 수 있는 대안으로 제시(IOM)
 - 급격한 문헌 증가에 대한 대안으로 제시
 - 전문학회의 제한적 활동의 대안으로 급격히 증가

Clinical Practice Guidelines We Can Trust. Institute of Medicine (US) 2011

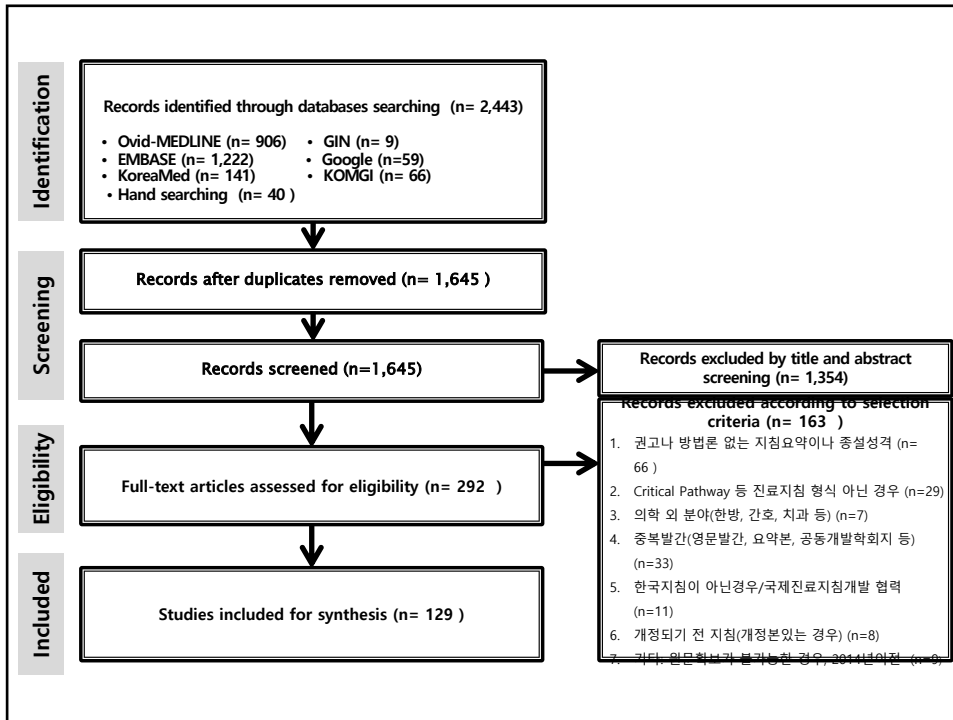
FIGURE 1. Number of English-Language References for “Clinical Practice Guidelines” from 1974 Through 2011 According to the National Institutes of Health Database, PubMed



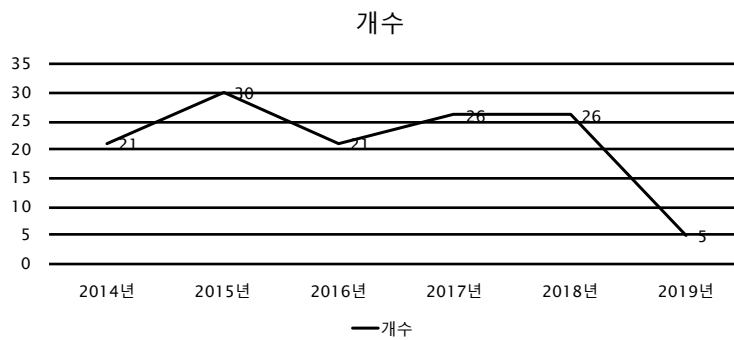
Published in: Chris Taylor; *Journal of Legal Medicine* 2014, 35, 273-290.

우리나라 CPG 현황 : 조사방법

- ▶ 2014, NECA에서 조사
 - 2000-2014년
 - 검색원 : KoMGI, KGC, KoreaMed, Pubmed, Google, 수기검색
- ▶ 2019년 4월. 대한의학회에서 조사
 - 2014-2019.1
 - 검색원 : Ovid-Medline, Ovid-EMBASE, Google, GIN, KoreaMed,, KoMGI (Korean Medical Guideline Information Center) hand-searching for complementary



연도별 개발 개수 (n=126)



기간별

| 개발연도 | 임상진료지침 수 | (%) |
|-------------|------------|------------|
| 2004 - 2008 | 42 | 15.05 |
| 2009 - 2013 | 112 | 40.14 |
| 2014-2018 | 125 | 44.80 |
| 전체 | 279 | 100 |

출판형태

| 출판형태 | 2000 - 2008 | 2009 - 2014 (July) | 2014-2019 (Apr) |
|-------------------------------|---------------|-----------------------|--------------------|
| Full version | 34 (73.9%) | 74 (64.3%) | 22 (18%) |
| 논문 | 12 (26.1%) | 41 (35.7%) | 92 (75.4%) |
| Full version+기 타(논문, 요약본등) | | | 15 (12.3%) |

발간언어

| 발간언어 | | | |
|------|--------------|----|-------|
| | 1.영문만 | 46 | 37.7% |
| | 2.국문만 | 50 | 41.0% |
| | 3.국/영문 동시 제공 | 33 | 27.0% |

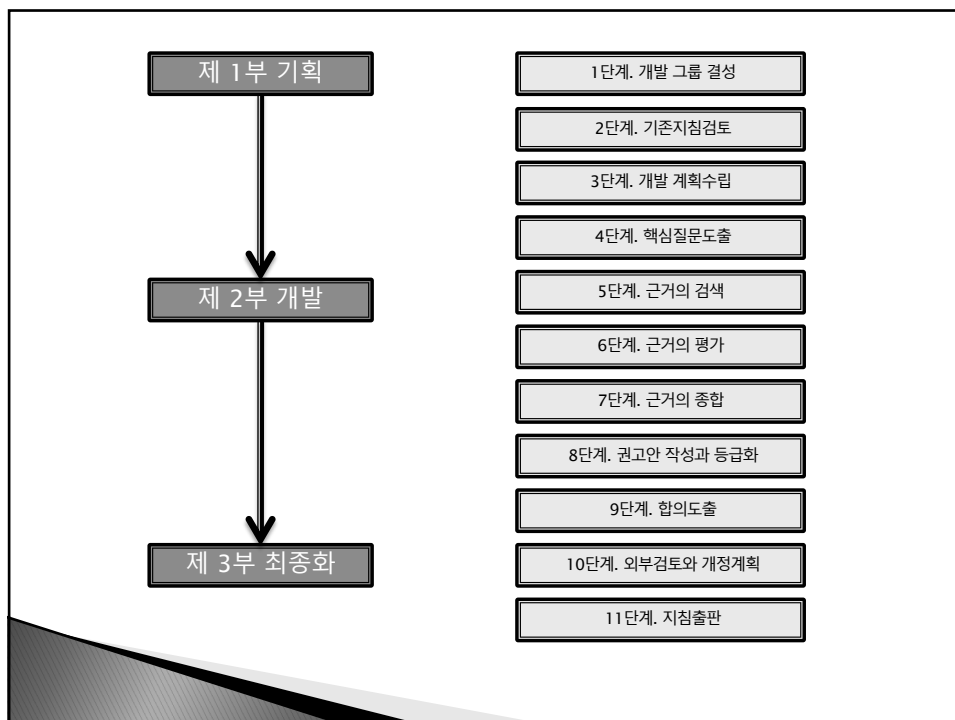
임상진료 지침 개발

- ▶ Adaptation(수용 개작)
- ▶ De novo development(직접 개발)
- ▶ Hybrid (하이브리드 개발)



De novo development

- ▶ 핵심 질문에 대해서
- ▶ 기존의 체계적 문헌 고찰, 일차 연구 등을 체계적으로 검색, 평가, 종합하여
- ▶ 해당 질문에 대한 권고를 도출하는 것



수용개작(adaptation) 정의

- ▶ 하나의 문화적, 제도적 상황에 맞게 개발된 진료 지침을
- ▶ 다른 의료 상황에서 그대로 사용하거나
- ▶ 변경하여 사용하는
- ▶ 체계적인 접근법

목적

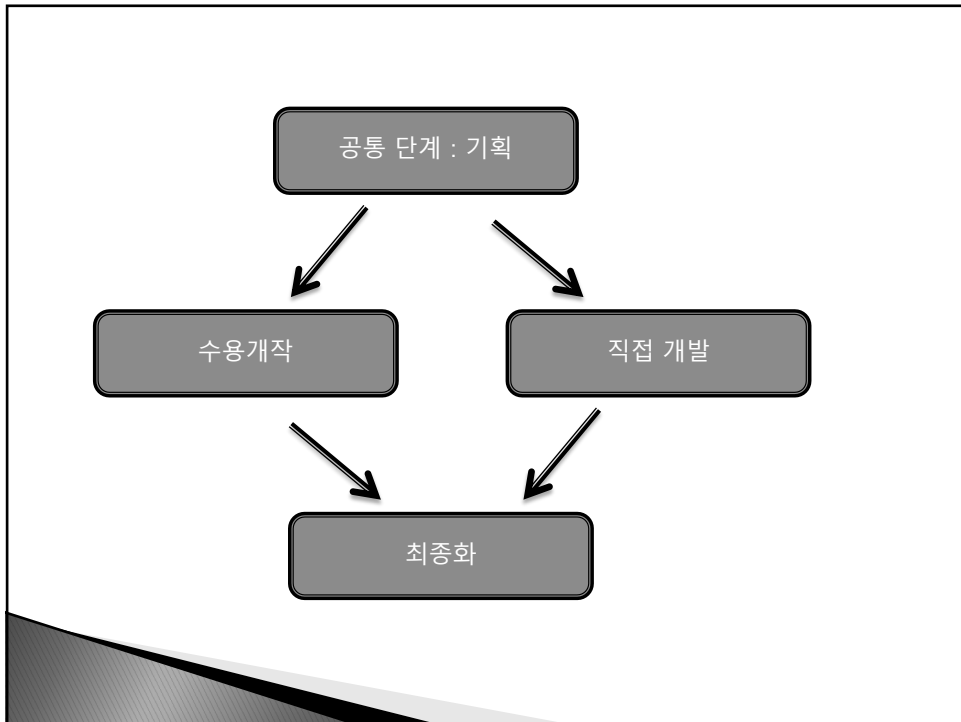
- ▶ 기존에 개발된 양질의 진료지침을 효율적으로 활용
 - 기존의 개발된 양질의 진료가치의 타당성을 훼손시키지 않는 범위에서
 - 의료 현실에 맞도록 변경 혹은 수용함으로써
 - 최종 권고안이 지침 사용 지역의 요구, 우선순위, 법적, 정책적 요구 사항, 자원함의 등을 만족하도록 하는 것

진료 지침 수용개작의 원칙

- ▶ 근거 중심
- ▶ 의료 현실을 충분히 반영
- ▶ 투명하게 진행하고 이를 보고
- ▶ 신뢰도와 일관성이 높은 방법
- ▶ 핵심 이해 당사자가 모두 참여
- ▶ 특정 요구, 상황을 잘 수용할 수 있는 유연성
- ▶ 원지침 취지나 내용 훼손하지 않는 책임성

☑ 수용개작 과정 요약도

| 부 | 업무 | 관련모듈 |
|------|----------------|----------------|
| 기획 | 수용개작 과정을 위한 준비 | 준비 |
| 수용개작 | 범위와 핵심질문의 결정 | 범위와 목적 |
| | 진료지침 검색과 선별 | 진료지침 검색과 선별 |
| | 진료지침 평가 | 진료지침 평가 |
| | 결과와 선택 | 결과와 선택 |
| | 진료지침의 초안 보고하기 | 진료지침 초안 작성 |
| 확정 | 외부 검토 및 공식적 승인 | 외부 검토 및 공식적 승인 |
| | 진료지침 개정 계획 | 개정 계획 |
| | 최종 진료지침 출판 | 최종 진료지침 |



하이브리드 개발

- ▶ Modified adaptation method
- ▶ 기존의 지침을 수용개작적인 방법론을 적용하여 만들되,
- ▶ 기존 수용개작 대상 지침에는 포함되지 않은 별개의 핵심질문을 만들고
- ▶ 이에 대해서는 직접개발 방식으로 근거를 평가하여 권고안을 작성하는 방법

다양한 수용개작 방법론

- ▶ 진료지침에서만 근거 추출한 경우
- ▶ 최신성만을 추가 검색한 경우
- ▶ 모든 주제에 대해 다시 검색을 한 경우
- ▶ 기존 지침에서 다루지 않은 일부 주제에 대해 체계적문헌고찰을 시행한 경우
- ▶ 지역적인 역학적인 정보 혹은 추가적인 지역 근거를 검색하여 활용한 경우

하이브리드 방법론

- ▶ 진료지침에서만 근거 추출한 경우 [수용개작]
- ▶ 최신성만을 추가 검색한 경우 [수용개작 OR hybrid]
- ▶ 모든 주제에 대해 다시 검색을 한 경우 [신규개발]
- ▶ 기존 지침에서 다루지 않은 일부 주제에 대해 체계적문헌고찰을 시행한 경우 [hybrid]
- ▶ 지역적인 역학적인 정보 혹은 추가적인 지역 근거를 검색하여 활용한 경우 [수용개작 OR hybrid]

수용개작 OR hybrid

- ▶ 최신성 추가 검색
 - 추가 문헌이 없거나, 내용이 거의 유사
 - 기존의 결과와 추가 근거를 체계적 문헌고찰 방법론을 이용해 통합하여 권고를 도출하는 경우
- ▶ 국내 근거 검색
 - 추가 문헌이 없거나, 내용이 거의 유사
 - 기존의 결과와 추가 근거를 체계적 문헌고찰 방법론을 이용해 통합하여 권고를 도출하는 경우

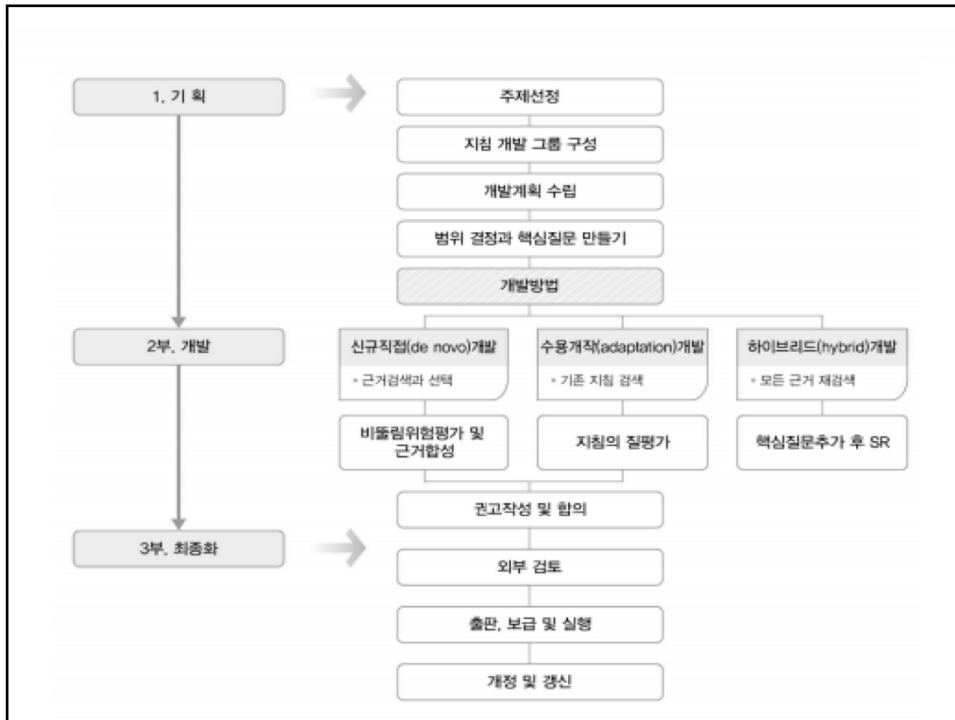
NECA 연구방법 시리즈 10

임상진료지침 실무를 위한 핸드북

Handbook for Clinical Practice Guideline Developer

Version 1.0

http://www.neca.re.kr/center/paper/report_view.jsp?boardNo=GA&seq=143&q=63706167653d3326666c61673d3126626f6172644e6f3d474126736561726368436f6c3d2673656172636856616c3d2673656172636853596561723d2673656172636845596561723d



다음과 같은 기준을 사용할 수 있다.

- 직접개발은 다음과 같은 기준 중 한 가지를 만족할 때로 한다.
 - o 관련 국내외 진료지침이 없는 경우
 - o 관련 국내외 진료지침이 있지만 근거기반 방법론*을 사용하지 않은 경우
- 수용개작은 다음과 같은 네 가지 기준을 모두 만족한 경우로 한다.
 - o 기존 국내외 진료지침이 전체의 핵심질문을 모두 포함하는 경우
 - o 관련 국내외 진료지침이 3-5년 이내에 개발되었고 결정적인 추가 근거가 없는 경우 (근거 평가 속도가 빠른 경우 3년)
 - o 관련 국내외 진료지침(혹은 systematic review)이 근거기반 방법론*을 사용한 경우
 - o option: 관련 국내외 진료지침이 국가(다국가 포함) 혹은 대표적인 학회에서 개발한 경우
- 신규개발 + 수용개작(하이브리드)인 경우 다음과 같은 세 가지 기준을 모두 만족하는 경우로 한다.
 - o 기존 국내외 진료지침이 일부 핵심질문을 포함하지만 추가적인 PICO가 필요한 경우
 - o 기존 국내외 진료지침이 5년 이내에 개발되었으나 결정적인 추가 근거가 있는 경우
 - o 관련 국내외 진료지침이 근거기반 방법론*을 사용한 경우
 - o option: 관련 국내외 진료지침이 국가 혹은 대표적인 학회에서 개발한 경우

*: 체계적 문헌 검색에 대한 보고가 있고, 권고와 지지 근거 사이에 명확한 연계가 있는 것

개발 방법

| | 2000 - 2008 | 2009 - 2014 (July) | 2014-2019 (Apr) |
|------------|-------------|--------------------|-----------------|
| de novo | 10.9% | 36.5% | 41.1% |
| Adaptation | 32.6% | 39.1% | 37.2% |
| Hybrid | | | 3.1% |
| 분류안됨/언급없음 | 56.5% | 24.3% | 18.6% |

공통 단계

공통 단계 : 기획

1. 개발 그룹 결성
2. 기존 지침 검토
3. 개발 계획 수립(범위 결정)
4. 핵심 질문(key question)을 도출한다.



지침관련 조직

- ▶ 개발그룹(실무위원회)
- ▶ 근거평가 그룹
- ▶ 운영위원회(steering group)
- ▶ 자문위원회
- ▶ 외부 자문 그룹
- ▶ 행정조직

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- ▶ 자문위원회
- ▶ 외부 자문 그룹
- ▶ 행정조직

개발 그룹

- ▶ 구성 원칙
 - 다학제성
 - 지침의 모든 이해 당사자 참여(stakeholder)
 - 지침의 범위, 유연성, 지침실행 고려
 - 대표성
 - 지속성
- ▶ 구성
 - 개발 그룹 리더
 - 임상 의사
 - 다른 보건의료인(간호사, 약사, 영양학자 등)
 - 방법론 전문가(체계적 고찰 전문가, 정보관리자, 역학자 등)

American Society of Clinical Oncology Guideline

▶ 주요 조직

- ASCO Clinical Practice Guidelines Committee (CPGC) : CPG 개발 총괄
 - Methodology Subcommittee (방법론 총괄)
- Expert Panels (개발그룹)
- ASCO staff : 실무
 - subcontracting groups : 체계적문헌고찰 시행

<http://www.uspreventiveservicestaskforce.org/uspstf08/methods>

ASCO CPG group의 임무

▶ CPAC

- 주제 선정
- 제출된 protocol 방법론 검토

▶ Expert panel

- 프로토콜 검토 후 제출
- 요약된 근거 검토
- 권고 생성
- 권고 등급 결정

▶ ASCO staff

- 프로토콜 초안 작성
- SR 전문가가 문헌 검색, first screen 시행
- 근거요약

▶ subcontracting groups

- 일부 주제 SR 시행

위원장의 역할

- ▶ 약관 제정 및 집행의 책임
- ▶ 회의 소집 및 진행
- ▶ 그룹 내 논의 조율
- ▶ 최종 지침안 확인
- ▶ 이해당사자 의견개진에 대한 처리
- ▶ 매 개발그룹 회의시 다음과 같은 임무를 수행
 - 참여 위원들의 새로운 이해상충발생의 확인
 - 주제에 대한 토론 진행
 - 원활한 논의 독려
 - 특정 주제에 대한 반복적인 논쟁 방지
 - 논의 결과 요약 및 결론 도출

임상전문가의 역할

- ▶ 범위에 근거한 핵심질문의 확정
- ▶ 개발그룹 회의 참여 및 적극적 논의
- ▶ 방법론 전문가에게 해당 분야의 전문지식 제공
- ▶ 관련 근거를 읽고 전문가로서 의견 개진
- ▶ 그룹 내 다른 위원들과 함께 근거기반 권고안을 개발하고 합의안을 도출
- ▶ 근거가 불충분한 영역을 대상으로 최선의 의료를 파악하는데 조언
- ▶ 권고안의 실행상의 문제점을 고려하고 실행을 도울 도구를 개발하는데 참여
- ▶ 검토 프로토콜 승인

방법론전문가의 역할

- ▶ 문헌검색 담당
 - 검색 전략 수립(가이드라인, SR, 국내문헌, 국외일차문헌)
 - 원문구독 및 자료 관리
- ▶ 체계적문헌고찰 전문가
 - PICO, 프로토콜
 - 문헌 선정, 질평가
 - 자료 추출 및 근거 합성
 - 근거표 작성
 - 권고안 개발에 참여

개발그룹

- ▶ 기준
 - 최소 기준 : 2개 이상의 임상과목 전문가와 방법론 전문가
 - 권장 기준 : 모든 관련 임상과목 대표, 방법론 전문가, 검색 전문가 등

개발 주체

| 개발기금 | 2000 - 2008 | 2009 - 2014(July) | 2014-2019 (Apr) |
|-------------------|-------------|-------------------|-----------------|
| 1.Public 정부(공공) | 17 (37.0%) | 52 (45.2%) | 1(39.50%) |
| 2.학회, | 6 (13.0%) | 49 (42.6%) | 51(39.50%) |
| 3.기업(제약회사, 기업서 등) | | | 3(2.30%) |
| 4.연급없음 | 23 (50.0%) | 14 (12.2%) | 24(18.60%) |

참여학회 수

| | 2000 - 2008 | 2009 - 2014(July) | 2014-2019 (Apr) |
|------|-------------|-------------------|-----------------|
| 1개 | 31 (93.9%) | 48 (63.2%) | 42 (32.6%) |
| 2개 | 1 (3.0%) | 10 (13.2%) | 23 (17.8%) |
| 3개 | 0 (0.0%) | 7 (9.2%) | 12 (9.3%) |
| 4개 | 1 (3.0%) | 4 (5.3%) | 18 (14.0%) |
| 5개이상 | 0 (0.0%) | 7 (9.2%) | 34 (26.4%) |

방법론 전문가의 참여

| | | | |
|------------|------------------------------------|----|-------|
| 방법론 전문가 참여 | 1.포함됨 (개발그룹이나 자문그룹에 포함) | 42 | 34.4% |
| | 2.미포함되었으나 방법론자문을 받음(언급있거나 별도표시) | 15 | 12.3% |
| | 3.미포함되었으나, 문헌검색자문 혹은 전문사서/검색전문가 존재 | 2 | 1.6% |

다학제성 여부

| | | | |
|---------------|----------------|----|-------|
| 개발그룹의 다학제성 | 해당분야 임상전문가만 참여 | 47 | 38.5% |
| | 다른분야 임상전문가도 참여 | 75 | 61.5% |

기획업무

- ▶ 이해관계 선언
- ▶ 합의 원칙의 결정
- ▶ 잠재적 승인 기구 선정
- ▶ 저자 원칙 결정

이해 상충의 종류

- ▶ 재정적 이해 상충
- ▶ 개인적인 이해 상충
- ▶ 업무활동에 있어 이해 상충 (Conflicts of commitment)
- ▶ 지적 이해 상충

ORI. Introduction to the Responsible Conduct of Research. 2007

재정적 이해 상충

- ▶ 평가의 수행, 평가 결과의 해석, 근거의 합성 등에 영향을 미칠 수 있는
 - 특정 기업에 고용되는 것(공식, 비공식적 직함)
 - 연구비/사례금/자문료
 - 주식(지분) 소유 (상장, 비상장)
 - 지적재산권 (특허, 로열티 등)

Kim SY. Conflict of Interest. J Lab Med Qual Assur. 2011 ;33(2):57-61

진료지침에서 COI

- ▶ 검토 중인 진료지침의 개발
- ▶ 검토 중인 진료지침의 승인
- ▶ 관련성있는 기업, 조직
 - 고용
 - 자문
 - 소유지분
 - 연구비
 - 사례금

김수영 등. 임상진료지침 실무를 위한 핸드북. 한국보건의료연구원. 2014.

이해 상충의 판단

- ▶ '있다', '없다'의 문제가 아니고 얼마나 심각한가의 문제
- ▶ 심각도
 - 이차 이득이 클수록 (지분 비율, 자문비 액수)
 - 관계의 범위(다년 계약 vs 1년계약)
 - 연구의 impact (진료지침에 실린 내용, 영향이 매우 큼)

Institute of Medicine (US). Committee on Conflict of Interest in Medical Research, Education, and Practice. 2009

이해 상충의 영향

- ▶ Stelfox 등
 - 칼슘 길항제의 효과 연구 중 후원이 있는 경우가 약물 사용을 더 많이 권고(지지, 중립, 비판 : 96, 60, 37%, $P < 0.001$)

TABLE 3. AUTHORS WITH FINANCIAL RELATIONSHIPS WITH PHARMACEUTICAL MANUFACTURERS.

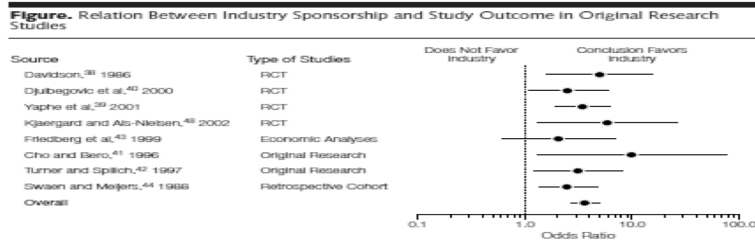
| MANUFACTURER | SUPPORTIVE AUTHORS (N = 24) | NEUTRAL AUTHORS (N = 15) | CRITICAL AUTHORS (N = 30) | CHI-SQUARE FOR LINEAR TREND | P VALUE FOR TREND |
|--|-----------------------------|--------------------------|---------------------------|-----------------------------|-------------------|
| no. of authors (%) | | | | | |
| Manufacturer of calcium-channel antagonist | 23 (96) | 9 (60) | 11 (37) | 22.02 | <0.001 |
| Manufacturer of competing product | 21 (88) | 8 (53) | 11 (37) | 14.84 | <0.001 |
| Any manufacturer | 24 (100) | 10 (67) | 13 (43) | 22.68 | <0.001 |

Stelfox HT, Chua G, O'Rourke K, Detsky AS. Conflict of interest in the debate over calcium channel antagonists. *N Engl J Med* 1998; 338: 101-105

이해 상충의 영향(ii)

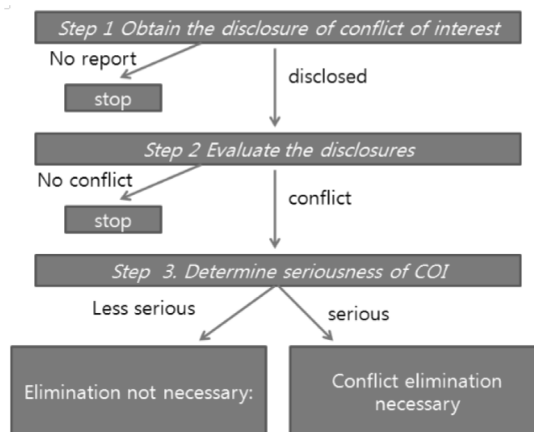
▶ Bekelman 등

- 재정적 이해 관계에 대한 체계적 문헌고찰
- 후원을 받은 경우가 그렇지 않은 경우에 비해 pro-industry conclusion OR : 3.60; 2.63-4.91)



Bekelman JE, Li Y, Gross CP. Scope and impact of financial conflicts of interest in biomedical research: a systematic review. JAMA. 2003 ;289(4):454-65.

정책 흐름도



USPSTF 이해 상충 관련

| 수준 | 공개 분류 | 권고내용 | 기술 | |
|----|---|---|-------|-----------------|
| 1 | <ul style="list-style-type: none"> - 어떠한 재정적 이해상충 공개 없음 - 위원의 판단에 영향을 미칠 정도의 비재정적 이해상충 없음 - 공개할 필요 없는 재정적 이해관계 <ul style="list-style-type: none"> a. 특정 주제에 대해 이해관계 없는 공공 단체 또는 비영리 단체로부터 받은 강의로, 자문료, 검토비 b. 유추일 펀드 혹은 퇴직 연금 - 공개할 필요 없는 비재정적 이해관계 <ul style="list-style-type: none"> a. 정부기구로 특정 주제와 관련성이 없는 곳에 고용 b. 전문학회의 일반 회원 c. 관련 학회 학술대회 참여 | <ul style="list-style-type: none"> - 재정적 이해상충 공개 없거나 공개할 필요 없는 이해상충임 | 조치 없음 | 공개, 통보 없음 동일 |

Level 2

| | | | | |
|---|---|--|------------------|---|
| 2 | <ul style="list-style-type: none"> - 공공의견 제시, 전문가 증언, 주제 관련 대변 조직에 참여(제품의 대변 조직인 경우 제외) - 재정적 이해상충 공개 내용이 1,000불 이하 - 주제 관련* 정부조직, 전문학회, 전문단체(임원, 의료직, 집행위원, 이사, 전문 자문위원으로 참여). - 학술지, 서적, 웹사이트의 편집인 혹은 부편집인. | <ul style="list-style-type: none"> - 재정적 이해상충이 100만원 이하 | TF에만 정보 공개 동일 | 위원은 주제에 대한 토론, 투표를 할 수도 있고, 주요 위원으로 참여 가능 |
|---|---|--|------------------|---|

Level 3

| | | | | | |
|---|--|--|-----------------------------|--|--|
| 3 | <ul style="list-style-type: none"> - 재정적 이해상충의 공개 내용이 1,000불 초과 - 주제 관련 기업에 참여(임원, 의료직, 집행위원, 이사, 전문 자문위원으로 참여). - 관련 제품의 대변 조직에 참여 - 위원이 권고의 특정 결과에 의미 있는 비재정적 이해관계를 가진 경우 - 위원 출판물 혹은 연구 내용이 근거 중 일부 혹은 핵심질문의 주요 내용이 될 가능성이 있음. 조치가 필요한지 여부는 출판물의 특정 내용이나 연구 내용과 연구비 원천임. | <ul style="list-style-type: none"> - 재정적 이해상충이 100만원 초과 | 해당 주제 워크숍에서 일차리드 역할 할 수 없음 | 위원은 이해관계있는 주제 워크숍에 일차리드로 참여할 수 없지만 리드로는 참여할 수 있고 토론, 투표 가능함 | 다음 중 결정함 1) 토론가능, 투표배제 2) 토론, 투표배제 |
| | | | 위원은 해당 주제의 주요 대변인 역할 할 수 없음 | 위원은 이해관계있는 주제 워크숍에 일차 대변인으로 참여할 수 없지만 리드로는 참여할 수 있고 토론, 투표 가능함 | |
| | | | 위원은 주제 워크숍에 리드로 참여할 수 없음 | 위원은 이해관계있는 주제 워크숍에 리드로는 참여할 수 없지만, 토론, 투표는 가능함 | |
| | | | 주제활동에 대한 모든 참여 불가 | 리드로 참여, 토론, 투표 할 수 없음. | |

이해상충

| 이해상충공개 | 2000 - 2008 | 2009 - 2014(July) | 2014-2019 (Apr) |
|--------|-------------|-------------------|-----------------|
| 있음 | 1 (2.2%) | 47 (40.9%) | 86 (66.7%) |
| 없음 | 45 (97.8%) | 68 (59.1%) | 43 (33.3%) |

공통 단계 : 기획

1. 개발 그룹 결성
2. 기존 지침 검토
3. 개발 계획 수립(범위 결정)
4. 핵심 질문(key question)을 도출한다.



지침 검색

- ▶ 검색 전략 정의
- ▶ 대개 Population과 intervention으로 검색
- ▶ 지침 포털 사이트 이용
 - NGC(national guideline clearinghouse, <http://www.guideline.gov>)
 - GIN(guideline international network, www.g-i-n.net)
 - PubMed
 - Google search



공통 단계 : 기획

1. 개발 그룹 결성
2. 기존 지침 검토
3. 개발 계획 수립(범위 결정)
4. 핵심 질문(key question)을 도출한다.



범위의 결정

- ▶ 권고가 포괄하는 내용
- ▶ 가장 어렵고 핵심적인 부분
- ▶ 결정 방법
 - 기존 지침 검색 및 검토
 - 기존 지침의 범위 list
 - 능력, 시간, 비용 등 고려하여 결정
 - 해당 지역 상황에 대한 검토 필수

범위의 결정 - PIPOH

- ▶ **인구집단(Population)** : 대상 인구집단의 특성. 나이, 성별, 임상적 특성, 동반 질환 등
- ▶ **중재(Intervention)** : 논의할 중재
- ▶ **전문가/환자(Professionals/Patients)** : 진료지침의 목표 사용자로서 전문가 혹은 환자
- ▶ **결과(Outcome)** : 지침의 목적
- ▶ **의료환경(Healthcare setting)** : 진료지침이 실제 쓰일 의료환경과 지역 상황

예 : 캐나다 자궁암 선별 진료지침

PIPQH를 이용해서 다음과 같이 범위를 결정하였다.

- Population: 중등도 위험 여성만 다루기로 하였다(즉 HIV 양성, 최근 5년 이내에 자궁도말 세포진 검사에서 중등도의 미형성(dysplasia)이 있었던 여성은 제외함). 선별의 시작 연령이나 종결 연령은 다루지 않기로 하였다.
- Intervention: 선별 중재만을 다루기로 하였다. 특정 장비(즉 통상적인 자궁경부 세포진검사 혹은 liquid based cytology)로 진료지침 검색 범위를 제한하지 않았다.
- Professionals: 자궁암 선별은 가정의, 일반의, 전문 간호사 (nurse practitioners)가 하기 때문에 이들을 목표 사용자로 고려하였다.
- Outcomes : 일차의료인이 제시된 선별 주기와 선별검사 방법을 얼마나 잘 따르는지가 주된 결과이다. 의사에 따라 선별검사의 처방 빈도의 변이가 심하다.
- Health care setting and context: 일차의료

범위 결정 단계 (NICE)

- ▶ 단계 1 : 주요 사안 선택 후 가안 작성 (기존 진료 지침, SR 등 리뷰)
- ▶ 단계 2 : 가안에 대한 이해당사자와 협의
- ▶ 단계 3 : 범위 가안의 외부 자문
- ▶ 단계 4 : 범위의 확정

공통 단계 : 기획

1. 개발 그룹 결성
2. 기존 지침 검토
3. 개발 계획 수립(범위 결정)
4. **핵심 질문(key question)을 도출한다.**



핵심질문

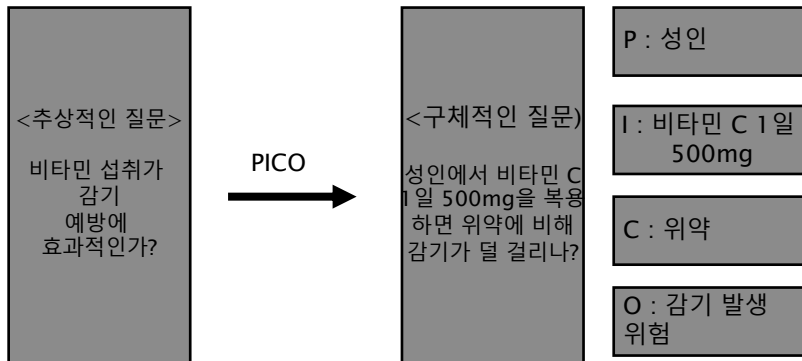
- ▶ 진단, 치료, 원인, 예후 등에 대해 한정된 질문
- ▶ 4가지 요소 : 환자 , 개입, 비교개입, 임상결과
- ▶ 최대한 specific!!!
- ▶ 기간을 고려해서 결정
 - SIGN, 28 개월 동안 40개 이하
 - NICE, 10-18 개월 동안 15-20개
 - 임상시험센터 : 1년 동안 5-10개



대답 가능한 질문의 구성요소

1. 환자 혹은 해당 문제 (**P**atient)
2. 주요 개입(노출, 진단검사, 예후인자, 치료 등과 같은 것들)(**I**ntervention)
3. 비교가 되는 개입 (**C**omparison)
4. 관심이 있는 임상결과(**O**utcome)
→ PICO 방법

PICO 변환



○ 예시 1-1. 중재효과 평가 질문 사례

1. 과민성대장증후군 환자에게 부교감신경차단제 또는 민무늬근육 이완제를 사용하는 것이 위약 또는 치료하지 않는 것에 비해 장기적인 과민성대장증후군의 증상 조절에 효과적인가? 그렇다면 어느 약물이 가장 효과적인가?
2. 고강도 마약성 진통제의 투여가 필요한 말기 질환 환자에게 어떤 일차 마약성 약물 유지요법이 효과적이고 비용-효과적인 통증조절방법인가?

○ 예시 1-2. 진단정확도 관련 핵심질문 사례

1. 핵심질문
점상출혈을 보이는 16세 미만을 대상으로 시행하는 비특이적 실험실검사인 C-반응단백질, 백혈구 수, 동맥혈가스검사가 뇌수막구균감염을 진단하거나 배제하는데 유용한가?
2. 구조화된 질문
P: 세균성 뇌수막염 또는 뇌수막구균 패혈증이 의심되는 16세 미만의 모든 인구집단
I: 비특이적 실험실검사인 C-반응단백질, 백혈구 수, 동맥혈가스검사
C: 현미경검사, 뇌척수액검사, 임상적 경과관찰
O: 발생률, 유행률, 민감도, 특이도, 양성예측도, 음성예측도

○ 예시 1-3. 예후 관련 질문 사례

1. 자해 또는 자살과 관련된 개인적인 심리나 행동 특성은 무엇인가?
2. 추신기 산모에게서 어떤 인자가 특정 정신장애를 발생시키는 것으로 예측되는가?
3. 마약중독자에게서 해독치료가 가장 효과를 보일 것으로 예측되는 집단은 누구인가?

개발

개발 단계

1. 근거의 검색
2. 근거의 평가
3. 권고안을 도출하고 등급화 한다.
4. 합의 도출



근거 검색, 평가, 권고

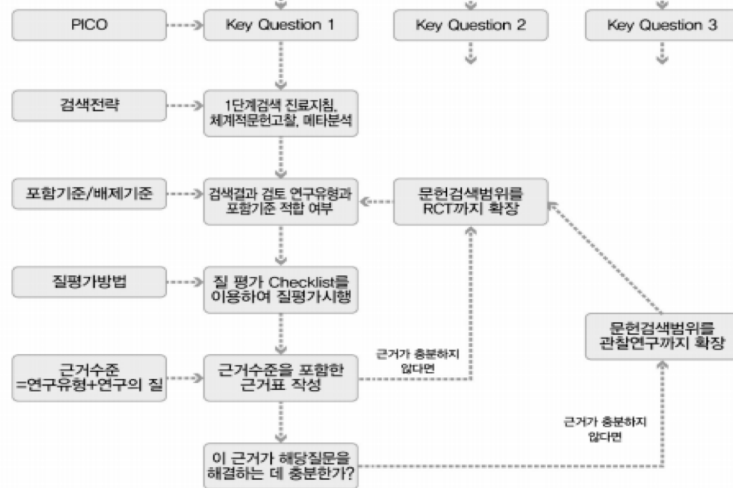
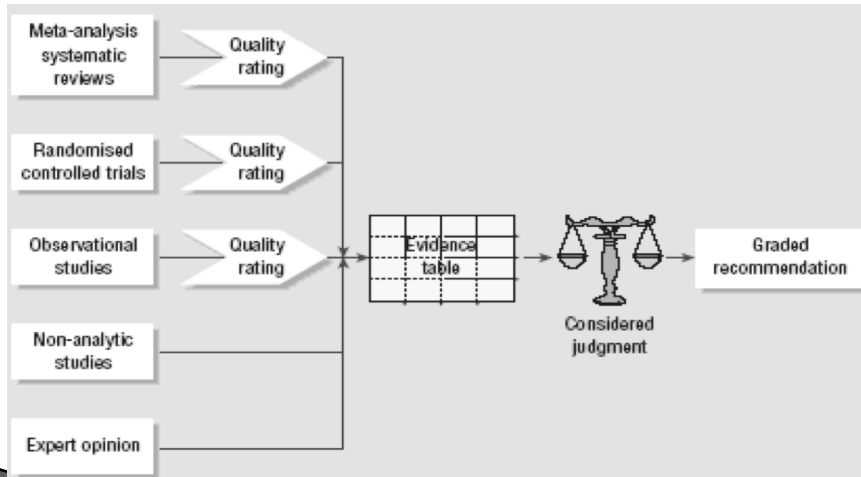


그림 2-2 SIGN 검색전략(2)

체계적 검색

| 근거 검색 | 2000 - 2008 | 2009 - 2014(July) | 2014-2019 (Apr) |
|-------|-------------|-------------------|-----------------|
| 체계적검색 | 43.50% | 60% | 79.8% |
| 언급없음 | 56.50% | 40% | 20.2% |

근거검색 방법

| 근거검색방법 | 1. 체계적 검색(전자문헌 DB + 수기 검색, 미출판 자료 검색) + 환자 등록 자료 포함+real world data | 1 | 0.8% |
|--------|---|----|-------|
| | 2. 체계적검색(전자DB등 검색원, 검색기간, 검색어 잘 기술됨) | 83 | 68.0% |
| | 3. 체계적검색(전자DB등 검색원은 있으나 검색기간, 검색어 상세기술이 부족함) | 13 | 10.7% |
| | 4. 언급없음 or 체계적검색으로 보기힘듦 | 25 | 20.5% |

개발 단계

1. 근거의 검색
2. **근거의 평가**
3. 권고안을 도출하고 등급화 한다.
4. 합의 도출
5. 외부검토와 개정 계획
6. 지침 출판



근거(문헌)의 질

- ▶ 근거(논문)의 질을 보아야 하는 이유
 - 논문의 질은 비뚤림(bias) 가능성 정도를 나타냄
 - 논문의 결론을 수용할 것인가에 대한 결정
 - 상충된 결과에 대한 해석
 - 추가 연구가 필요한가에 대한 판단

주요 질평가 도구

- ▶ 체계적 문헌 고찰 : AMSTAR
- ▶ 무작위 대조 연구 : Cochrane ROB, SIGN 도구
- ▶ 비무작위 대조 연구 : MINOR, RoBANS, NOS 등

새로운 주요 질평가 도구

- ▶ 체계적 문헌 고찰 : AMSTAR II, RoBIS
- ▶ 무작위 대조 연구 : Cochrane ROB 2.0
- ▶ 비무작위 대조 연구 : RoBINS-I

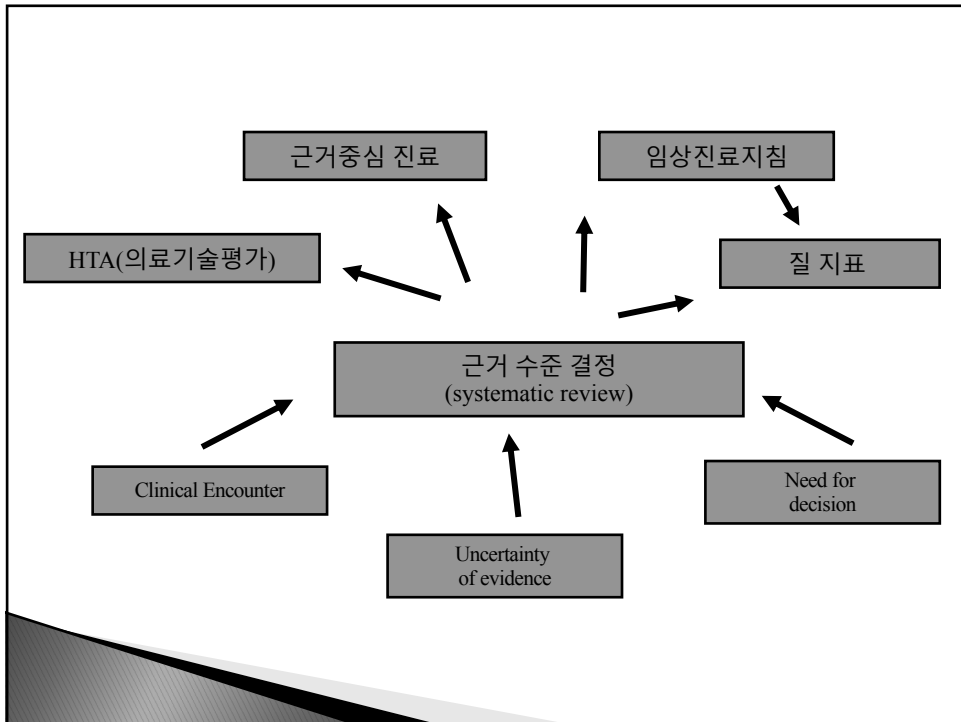
근거 중심 진료 지침 개발 단계

1. 근거의 검색
2. 근거의 평가
3. 권고안을 도출하고 등급화 한다.
4. 합의 도출
5. 외부검토와 개정 계획
6. 지침 출판



근거 수준

- ▶ 현재까지 근거로
- ▶ 해당 중재의 효과에 대해
- ▶ 확신하는 정도



근거수준의 요소

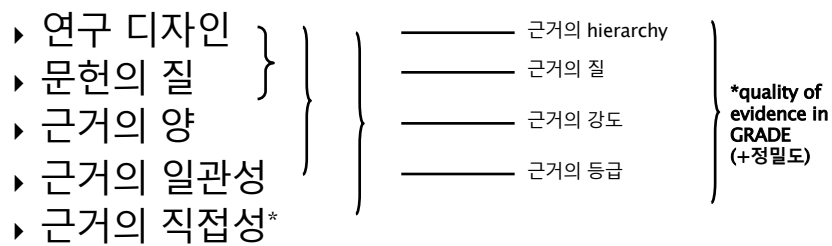
- ▶ 연구 디자인
- ▶ 문헌의 질
- ▶ 근거의 양
- ▶ 근거의 일관성
- ▶ 근거의 직접성*

* : 등급화 요소에 포함시키기도 함

근거 수준

- ▶ 근거 수준(광의)
 - 근거수준(협의)
 - 근거의 질
 - 근거의 강도

근거수준의 요소에 따른 근거수준



* : 등급화 요소에 포함시키기도 함

NHMRC

| Level | Intervention ¹ | Diagnostic accuracy ² | Prognosis | Aetiology ³ | Screening Intervention |
|----------------|--|---|---|---|---|
| I ⁴ | A systematic review of level II studies | A systematic review of level II studies | A systematic review of level II studies | A systematic review of level II studies | A systematic review of level II studies |
| II | A randomised controlled trial | A study of test accuracy with: an independent, blinded comparison with a valid reference standard, ⁵ among consecutive persons with a defined clinical presentation ⁶ | A prospective cohort study ⁷ | A prospective cohort study | A randomised controlled trial |
| III-1 | A pseudorandomised controlled trial (i.e. alternate allocation or some other method) | A study of test accuracy with: an independent, blinded comparison with a valid reference standard, ⁵ among non-consecutive persons with a defined clinical presentation ⁶ | All or none ⁸ | All or none ⁸ | A pseudorandomised controlled trial (i.e. alternate allocation or some other method) |
| III-2 | A comparative study with concurrent controls: • Non-randomised, experimental trial ⁹ • Cohort study • Case-control study • Interrupted time series with a control group | A comparison with reference standard that does not meet the criteria required for Level II and III-1 evidence | Analysis of prognostic factors amongst persons in a single arm of a randomised controlled trial | A retrospective cohort study | A comparative study with concurrent controls: • Non-randomised, experimental trial • Cohort study • Case-control study |
| III-3 | A comparative study without concurrent controls: • Historical control study • Two or more single arm study ¹⁰ • Interrupted time series without a parallel control group | Diagnostic case-control study ⁹ | A retrospective cohort study | A case-control study | A comparative study without concurrent controls: • Historical control study • Two or more single arm study |
| IV | Case series with either post-test or pre-test/post-test outcomes | Study of diagnostic yield (no reference standard) ¹¹ | Case series, or cohort study of persons at different stages of disease | A cross-sectional study or case series | Case series |

Figure 6.2: SIGN grading system

Levels of evidence

- 1++ High quality meta analyses, systematic reviews of RCTs, or RCTs with a very low risk of bias
 - 1+ Well conducted meta analyses, systematic reviews of RCTs, or RCTs with a low risk of bias
 - 1- Meta analyses, systematic reviews of RCTs, or RCTs with a high risk of bias
-
- 2++ High quality systematic reviews of case-control or cohort studies
High quality case-control or cohort studies with a very low risk of confounding, bias, or chance and a high probability that the relationship is causal
 - 2+ Well conducted case control or cohort studies with a low risk of confounding, bias, or chance and a moderate probability that the relationship is causal
 - 2- Case control or cohort studies with a high risk of confounding, bias, or chance and a significant risk that the relationship is not causal
-
- 3 Non-analytic studies, e.g. case reports, case series
-
- 4 Expert opinion

근거의 등급(NHLBI 제정)

| | 근거의 출처 | 정의 |
|------------|--------------------|---|
| Evidence A | 무작위 대조 연구 자료가 풍부하다 | 잘 디자인된 무작위 대조 연구 들이 일관성있는 결과를 보이고 권고가 이루어지는 인구 집단과 같은 인구 집단에서 이루어졌다. A등급이 되기 위해서는 충분한 주의 연구가 충분한 주의 대상자 주에서 이루어져야 한다. |
| Evidence B | 무작위 대조 연구 자료가 빈약하다 | 제한된 수의 무작위 대조 연구, 사후 검정, 하부 집단 분석, 메타 분석으로부터 온 근거이다. 일반적으로 B 등급은 몇몇 무작위 대조연구가 있지만 표본 수가 적고 권고가 이루어지는 인구 집단과 다르거나 결과에 일관성이 다소 없을 때를 말한다. |
| Evidence C | 비무작위 임상시험 관찰 연구 | 근거는 대조군이 없거나 무작위화 되지 않은 연구 혹은 관찰연구에서 왔다. |
| Evidence D | 합의된 의견 | 지침은 반드시 필요하지만 등급을 판정하기에 충분한 자료가 없는 경우이다. 위의 기준에 맞지않는 임상경험이나 지식으로부터 얻었다. |

GRADE 근거의 질 결정 요인

- ▶ 최초 : 연구 디자인
- ▶ Downgrade
 - 연구의 제한점
 - 이질성(일관성 없음)
 - 비직접성
 - 비정밀
 - 출판 비뚤림
- ▶ Upgrade
 - 효과의 크기가 클 때
 - 교란변수
 - 양-반응 관계

권고의 강도

- ▶ 네 가지 요소 고려
 - 근거의 질
 - 이득과 유해의 balancing
 - Value and preference
 - Resource utilization

* Cochrane Handbook. 2019

근거 수준과 권고

- ▶ 근거의 질
 - 개별 문헌
 - 특정 결과
 - 전체적 결과
 - ▶ 이득/유해 저울질
 - ▶ 가치
 - ▶ 비용
-
- 일반적 SR
 - 일반적 지침
 - 유럽권 지침

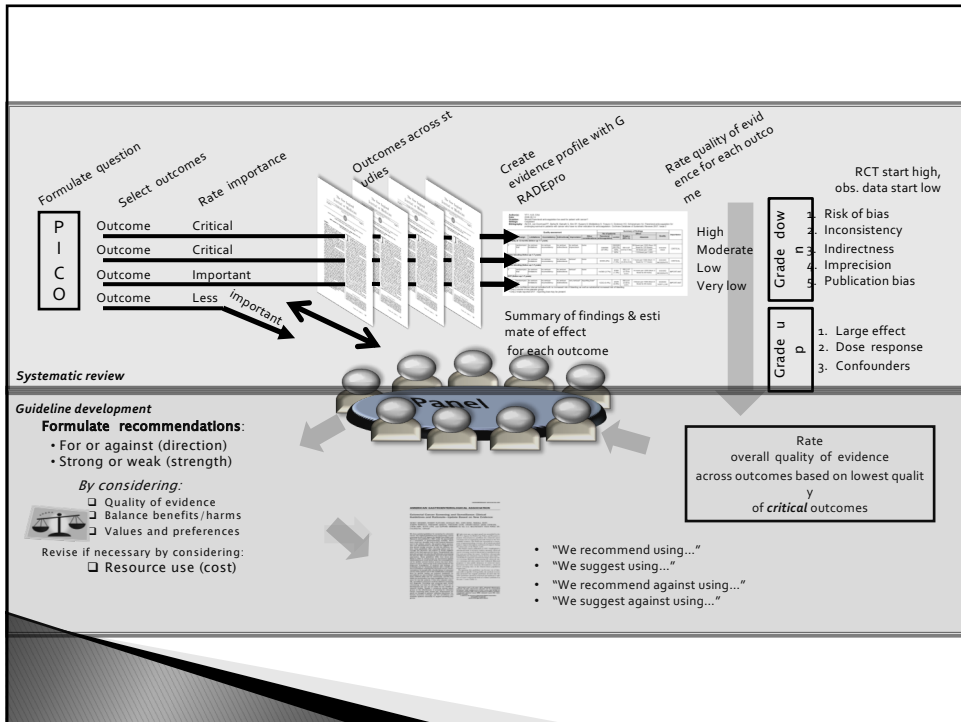
의사 결정 체계의 분류 1

▶ Grading system

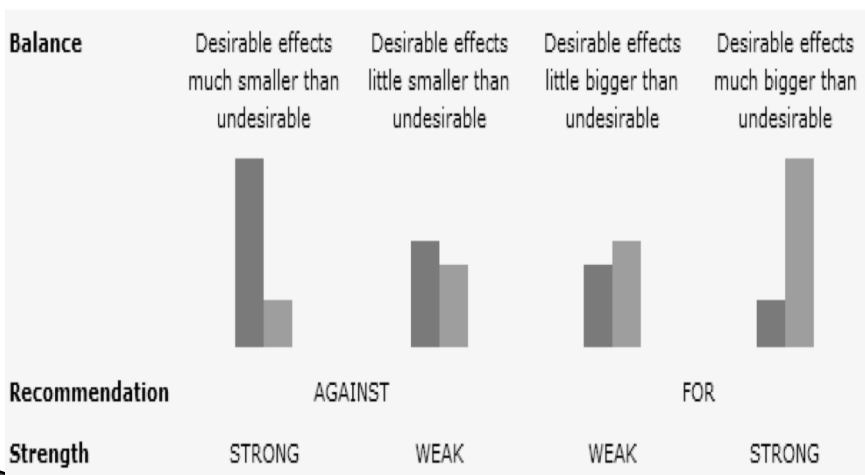
- 권고대로 중재를 시행했을 때 바라는 결과가 나올 것으로 확신하는 정도
- 효과의 크기(Magnitude of effects)에 대한 고려 없음
- 예
 - SIGN, NHS, NZGG, NHMRC, IDSA II

Grades of recommendation – SIGN –

- A** At least one meta analysis, systematic review, or RCT rated as 1++, and directly applicable to the target population; or
A systematic review of RCTs or a body of evidence consisting principally of studies rated as 1+, directly applicable to the target population, and demonstrating overall consistency of results
- B** A body of evidence including studies rated as 2++, directly applicable to the target population, and demonstrating overall consistency of results; or
Extrapolated evidence from studies rated as 1++ or 1+
- C** A body of evidence including studies rated as 2+, directly applicable to the target population and demonstrating overall consistency of results; or
Extrapolated evidence from studies rated as 2++
- D** Evidence level 3 or 4; or
Extrapolated evidence from studies rated as 2+



GRADE



근거수준 결정 고려요소

| 근거수준 결정 고려요소 | N | % |
|------------------------------|-----|--------|
| 1. 연구디자인고려 | 45 | 34.9% |
| 2. 연구디자인 포함 연구의 질 고려 | 13 | 10.1% |
| 3. 상기 외 추가 근거 요소 고려 | 5 | 3.9% |
| 4. GRADE로 적용한 경우 | 36 | 27.9% |
| 5. 근거수준은 있으나, 방법은 알수없음(언급없음) | 5 | 3.9% |
| 6. 적용안함(근거수준없음) | 25 | 19.4% |
| 소계 | 129 | 100.0% |

사용된 근거수준 체계

| 근거수준 체계 | N | % |
|--|----|--------|
| GRADE | 44 | 60.3% |
| OCEBM(Oxford Center for Evidence Based Medicine) | 6 | 8.2% |
| SIGN (Scottish Intercollegiate Guidelines Network) | 5 | 6.8% |
| Infectious Diseases Society of America | 4 | 5.5% |
| 미국 Agency for health care policy and research | 3 | 4.1% |
| 미국 DHHS (Department of Health and Human Services) | 2 | 2.7% |
| AHA (American Heart Association) | 2 | 2.7% |
| ACP(American College of Physicians) | 2 | 2.7% |
| University of Michigan Health System (UMHS) | 1 | 1.4% |
| Korean Society for AIDS | 1 | 1.4% |
| ATS (American Thoracic Society) | 1 | 1.4% |
| American College of Radiology (ACR) | 1 | 1.4% |
| ACCP (American College of Chest Physician) | 1 | 1.4% |
| | 73 | 100.0% |

권고등급

| 권고등급 | 2000 - 2008 | 2009 - 2014(July) | 2014-2019 (Apr) |
|------|-------------|-------------------|-----------------|
| 있음 | 15 (32.6%) | 95 (82.6%) | 102 (79.1%) |
| 없음 | 31 (67.4%) | 20 (17.4%) | 27 (20.9%) |

권고등급 결정 고려요소

| 권고등급 결정 고려요소 | N | % |
|-------------------------------|-----|--------|
| 1.근거수준만 고려 | 16 | 12.4% |
| 2.근거수준외 기타 요소 고려(임상적용성,수용성 등) | 51 | 39.5% |
| 3.GRADE | 30 | 23.3% |
| 4.있으나 방법은 알수없음(언급없음) | 5 | 3.9% |
| 5.적용안함(권고등급없음) | 27 | 20.9% |
| | 129 | 100.0% |

사용된 권고등급 체계

| 권고등급 체계 | N | % |
|--|----|--------|
| GRADE | 48 | 60.8% |
| 국립암센터 국가암검진 권고안체계 | 7 | 8.9% |
| Infectious Diseases Society of America (IDSA) | 4 | 5.1% |
| SIGN (Scottish Intercollegiate Guidelines Network) | 4 | 5.1% |
| American Heart Association | 4 | 5.1% |
| 미국 Agency for health care policy and research | 3 | 3.8% |
| ACP(American College of Physicians) | 2 | 2.5% |
| ACR (American College of Radiology) | 2 | 2.5% |
| 미국 DHHS (Department of Health and Human Services) | 2 | 2.5% |
| ACCP (American College of Chest Physician) | 1 | 1.3% |
| ATA (American Thyroid Association) | 1 | 1.3% |
| ATS (American Thoracic Society) | 1 | 1.3% |
| | 79 | 100.0% |

공식적인 합의

| | 2000 - 2008 | 2009 - 2014(July) | 2014-2019 (Apr) |
|--------|-------------|-------------------|-----------------|
| 공식적합의 | 30.4% | 47.0% | 49.6% |
| 비공식적합의 | 2.2% | 16.5% | 27.1% |
| 언급없음 | 67.4% | 36.5% | 23.3% |

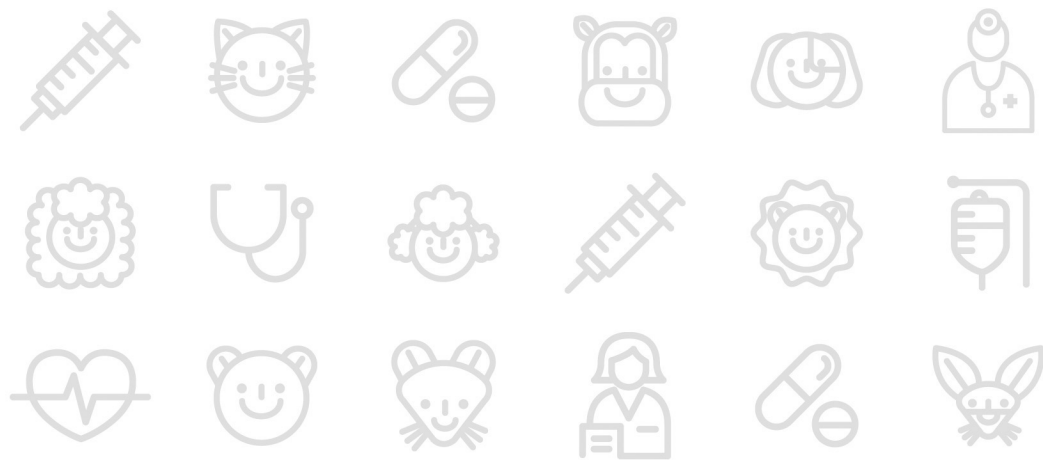




동물병원 진료 표준화 방안 마련 결과보고서

첨부자료 8

한국표준한의과 의료행위 분류체계 개선 연구 보고서



농림축산식품부

도서발간번호

G000E5-2016-10

(최종보고서)

건강보험심사평가원 연구용역사업

(공고번호 제2015-149호)

한국표준 의료행위 분류체계 개선 연구

SNUH 서울대학교병원



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HEALTH INSURANCE REVIEW & ASSESSMENT SERVICE

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제1장 연구 목표

1. 연구 배경

A. 국내에서 사용되고 있는 대표적인 시술 분류체계

1) ICD-9-CM (vol. 3)

- 국가보건통계 산출을 위해 의무기록 분야에서 주로 사용.
- 1979년 생성 이후 지속적인 개정이 이루어지지 않음.
- 새로운 의료기술에 의한 시술의 임상적 특성을 충분히 반영할 수 없어, 진료비 상환을 위한 광범위한 의료행위 분류를 수행할 수 없음.

2) 건강보험요양급여비용 코드

- 진료비 상환과 청구를 주 목적으로 건강보험이 보장하고 관리하는 범위의 의료행위를 분류하고 있음.
- 건강보험 행위 급여·비급여 목록 및 급여 상대가치점수(보건복지부 고시)에 따르면 총 8,415개(급여 7,677개, 비급여 738개, 2015.1.1. 기준) 항목이 분류되어 있음.
- 1997년 수가구조개편을 위해 한국표준의료행위분류(KCPM, Korean Classification of Procedures in Medicine) 개발: 5,510항목.
- 2001년 기존 수가항목과 KCPM을 절충하여 3,214항목으로 축소.
- 2009년 6,082항목으로 증가(의과만 산정 시, 가산코드 제외).
- 행위의 추가 및 삭제가 수시로 발생함.

3) 한국형행위분류체계(KCPT, Korean Current Procedure Terminology)

- 대한의사협회에서 개발.
- KCPT 개발을 위해 25개 전문학회로 구성된 '의료행위심의회'를 2008년부터 운영하였음.

2. 연구 목적 및 필요성

A. 건강보험요양급여비용 코드의 문제점

- 행위분류로서의 일관된 원칙이나 체계가 미흡하며, 특히 해부학적 부위에 따른 세분화와 내시경 시술의 구분이 어려움.
- 개별 의료행위가 어떠한 범주까지 포함하는지에 대한 정의가 불명확함.
- 확장성이 낮은 수가코드.
- 다수의 준용수가.
- 시술용어나 분류가 의료 현장에서 사용하는 것과는 차이가 있음.
- 의료종사자가 이해하기 어려움.
- 비급여행위분류가 제외되어 전체 의료행위를 포괄하지 못함.

B. 새로운 의료행위 분류체계 개발의 필요성

- 제 외국에서 유연성 있고, 확장성이 높은 의료행위 분류체계로 전환하는 추세.
- 임상현장에서 행해지는 의료행위를 모두 포함.
- OECD 보건통계 등과 같이 국가 간 비교 가능한 자료 생성.
- 의료기술의 발전에 따라 새로운 기술 및 검사의 개발 시 용이하게 반영.

제2장 연구 계획

1. 연구 내용 및 방법

A. 연구 내용

- 제 외국에서 사용되고 있는 의료행위 분류체계에 대한 일반원칙(코딩구조, 분류개수 등), 분류기준(기술 방법 또는 해부학적 부위 등), 분류방법 고찰.
- 우리나라 의료행위 분류의 계층적 위계구조 검토.
- 한국형 의료행위 분류체계 표준화(안) 마련.
- 건강보험 수가체계(급여·비급여)와 새로운 분류체계를 연계하는 가이드라인 제시.
- 국문 용어를 바탕으로 한 분류체계 제시.
- 새로운 항목의 추가가 용이할 수 있도록 세부 code를 충분히 지정하여 유연하고 확장성 높으며 다축 구조의 새로운 코딩체계 제시.

B. 연구 방법

- 3개의 실무팀 구성하여 기초자료 분석.
 - 제 외국 의료행위 분류시스템의 현황 및 특징 분석.
 - 한국 의료행위 분류시스템의 현황 및 문제점 분석.
 - 검사 분류시스템 구상.
- 국내 실정에 적합한 신규 의료행위 분류체계 가안 도출.
- 신규 의료행위 분류체계 가안에 대하여 기관 내 전체 임상진료과 자문.
- 새 코딩 시스템에 따라 현 건강보험급여목록에 대하여 검증작업 실시.

2. 연구 수행 체계

A. 연구 추진 기록

| 날 짜 | 일 정 | 날 짜 | 일 정 |
|-------|----------------|--------|-----------------|
| 8.24. | 착수보고회 | 10.20. | 3팀 실무 5차 회의 |
| 8.25. | 1팀 실무 1차 회의 | 10.23. | 소그룹 2차 회의 |
| 8.25. | 2팀 실무 1차 회의 | 10.27. | 전 연구단 회의(경과보고) |
| 8.26. | 2팀 실무 2차 회의 | 11.9. | 확장 실무위원 1차 전체회의 |
| 8.26. | 3팀 실무 1차 회의 | 11.16. | 외과계 실무회의 |
| 8.31. | 전 연구단 회의(경과보고) | 11.27. | 확장 실무위원 1차 워크숍 |
| 9.1. | 1팀 실무 2차 회의 | 12.3. | 확장 실무위원 2차 전체회의 |
| 9.7. | 2팀 실무 3차 회의 | 12.9. | 확장 실무위원 2차 워크숍 |
| 9.8. | 3팀 실무 2차 회의 | 12.29. | 검체검사분류 자문회의 |
| 9.9. | 전 연구단 회의(경과보고) | 1.8. | 진료과별 실무위원 미팅 |
| 9.18. | 소그룹 1차 회의 | 1.11. | 진료과별 실무위원 미팅 |
| 9.22. | 3팀 실무 3차 회의 | 1.14. | 진료과별 실무위원 미팅 |
| 10.2. | 구상팀 회의 | 1.15. | 진료과별 실무위원 미팅 |
| 10.6. | 3팀 실무 4차 회의 | 1.29. | 심평원 최종보고회 |

B. 연구 수행

| 구 분 | 월 별 추 진 일 정 | | | | | |
|--------------------|-------------|---|-----|-----|-----|------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 연 구 내 용 | | | | | | |
| 제외국 의료행위 분류체계 분석 | ▶ | ▶ | ▶ | | | |
| 한국 의료행위 분류체계 분석 | ▶ | ▶ | ▶ | | | |
| 검사 분류시스템 구상 | ▶ | ▶ | ▶ | | | |
| 새 의료행위 분류체계 초안 작성 | | | ▶ | ▶ | | |
| 현 건강보험급여목록 검증 | | | ▶ | ▶ | ▶ | |
| 새 의료행위 분류체계 최종안 제시 | | | | | ▶ | ▶ |
| 추진진도 (%) | | | 40% | 60% | 80% | 100% |

제3장 연구 결과

1. 제외국 의료행위 분류체계 분석

1.1 International Classification of Diseases-10-Procedure Coding System (ICD-10-PCS)

A. 서론

1) 개발

- 1995년 새로운 시술분류 코딩시스템 개발을 위해 미국 내에서 입원환자 시술코드세트를 유지 및 관리하는 책임이 있는 기관인 CMS (Center for Medicare & Medicaid Services)가 3M 건강정보시스템 (3M Health Information Systems)과 계약해 1998년 초안이 완성되어 매년 갱신되고 있음.
- 입원환자 **시술**을 보고하는데 사용하는 ICD-9-CM을 대체하기로 함. 참고로 WHO는 1893년 이래로 원사인을 기록하기 위해 국제질병분류(ICD)를 유지하고 있으며, WHO의 승인을 받아 NCHS (National Center for Health Statistics, 국립보건통계센터)는 미국에서 사용할 ICD-10의 CM (clinical modification, 임상적 수정판)을 개발하게 되었는데, ICD-9-CM은 시술분류를 담고 있으나 ICD-10-CM에는 없다.
- 미국에서 모든 입원환자에게 행해진 시술에 대해 자료를 수집하고, 지불비를 결정하고, 전자의무기록을 지원을 위한 시술 코딩체계이다(진단분류체계가 아님).

2) 특징

- 완결성: 다른 모든 시술은 각각 유일한 코드를 가진다.
- 확장성: 새로운 시술도 유연성 있게 확장되어 유일한 코드를 부여할 수 있게 한다. 루트수술에서 정의된 일반적 목적에 따라 ICD-10-PCS는 자리와 값의 형태로 지속성 있는 용어를 사용.
- 표준화된 용어: 7개의 각각의 자리에 사용되는 각 용어에 단독의 의미를 정의함.
- 다축구조: 각각의 자릿수는 여러 부문에서 서로 각각의 자릿수와 연관되어 여러 가지 시술에서 의미를 가진다. → 완결성 및 확장성을 가능하게 함.
- 진단정보는 코드명에 포함되지 않는다(시술의 분류를 위한 것).
- NEC (not elsewhere classified, 달리 분류되지 않음) 선택의 제한: 새로운 장비나 물질에 대해서만 한 시적으로 허용된다[기타 장치(other device)는 특정 값이 배정되지 않아 분류체계에 추가될 때까지 새로운 장치를 임시로 정의하는 데만 사용되도록 설계되었다].
- NOS (not otherwise specified, 상세불명) 선택의 제한: 요구되는 상세성의 수준을 얻을 수 없을 때 사용됨(일반적인 신체부위, 접근방법 또는 루트수술 등).

3) ICD-9-CM과 ICD-10-PCS 비교

표 1. IDC-9-CM과 ICD-10-PCS의 특징 비교

| ICD-9-CM | ICD-10-PCS |
|--------------------------------|--|
| 진단코딩을 위해 설계된 ICD 구조를 따름 | 시술코드분류체계에 대한 의료분야의 필요에 부합하기 위해 설계/개발됨 |
| 목록에 있는 고정된/한정된 세트로서의 코드만 이용 가능 | 분류표를 이용하여 유연한 코드 구성요소(값)로 코드를 구성할 수 있음 |
| 숫자형 코드 | 알파벳/숫자형 코드 |
| 코드 길이는 3~4자리 | 모든 코드는 7자리 |

- ICD-9-CM 분류체계는 특이성이 코드가 3~4개의 숫자로 구성되어 있으며 4,000여 개에 불과하여 다음과 같은 **문제점 노출**: 1] 상세성의 수준이 표준화되어 있지 않으며 **상세성이 다양함**; 2] 하나의 코드가 여러 가지 시술을 포함하여 분류하므로 특이성이 부족함. 즉, ICD-9-CM(vol.3)에서는 상이한 접근방법이나 장치를 이용하여 많은 다른 신체부위에 시행된 시술에 같은 시술코드를 부여할 수 있어서 특이성이 부족함.
- ICD-10-PCS는 분류표, 색인, 코드 목록과 같이 세 개의 부분으로 구성됨.

B. 코드 구조

1) 개요

- 코드는 7개의 자릿수로 구성되어 있으며 각각을 ‘자리(character)’라고 부른다.
- 자리에 대한 개별 단위는 문자나 숫자로 표시된다.
- 각각의 자리에 대해서는 34 개의 값(value)이 가능하다: 숫자는 0~9까지 10 개, 문자는 A~H, J~N, P~Z (알파벳 중 I와 O는 1과 0과 혼동이 되므로 제외).
- ICD-10-PCS의 강점은 단독 코드의 수준까지 내려가 전체적으로 분류체계에 대한 정보를 주는 논리적이고 일관성 있는 구조이다. 이는 ICD-10-PCS에서 코드를 구성하는 절차가 또한 논리적이며 일관성이 있다는 것을 의미한다. ‘자리(character)’라고 하는 코드의 7 개 자리를 구성하도록 ‘값(values)’이라고 하는 각각의 문자와 숫자를 차례대로 선택한다.

2) 상세

- 자리: ICD-10-PCS의 모든 코드는 7 자리 길이를 가진다. 다음과 같은 내과적 외과적 부문의 자리도표에서 보여 주듯이, 7 자리 코드의 각 자리는 시술의 양상을 나타낸다.

표 2. ICD-10-PCS 코드의 자리별 의미

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|----|------|------|------|------|----|-----|
| 부문 | 신체계통 | 루트수술 | 신체부분 | 접근방법 | 장치 | 한정어 |

- 값(Value): 34 개의 가능한 값 중 하나가 코드의 각 자리에 부여될 수 있다: 값은 숫자 0~9, I와 O를 제외(숫자 1과 0과 쉽게 혼동되므로)한 알파벳. 완성된 코드는 아래의 사례와 같이 보인다.

0 2 1 0 3 D 4

- 코드 내에서 각 자리의 정의는 물리적 위치의 기능이기 때문에, 코드 내에서 다른 자리에 놓인 같은 값은 다른 것을 의미한다. 첫째 자리의 값 ‘0’은 둘째 자리의 ‘0’이나 셋째 자리의 ‘0’과는 다른 것을 의미한다.

3) 자리의 구체적 설명

- 일례로 다음은 0LB50ZZ ‘excision of right lower arm and wrist tendon, open approach’ 코드의 각 자리에 대한 설명이다.

[1] **부문(Section)**: 16개의 부문으로 구성되어 있다.

표 3. ICD-10-PCS의 16 가지 부문

| 부문 값 | 내용 |
|------|--|
| 0 | 내과적 및 외과적(Medical and Surgical) |
| 1 | 산과적 시술(Obstetrics) |
| 2 | 배치(Placement) |
| 3 | 투여(Administration) |
| 4 | 측정 및 모니터링(Measurement and Monitoring) |
| 5 | 체외 보조 및 수행(Extracorporeal Assistance and Performance) |
| 6 | 체외 치료(Extracorporeal Therapies) |
| 7 | 정골의학적 시술(Osteopathic) |
| 8 | 기타 시술(Other Procedures) |
| 9 | 지압(Chiropractic) |
| B | 영상의학(Imaging) |
| C | 핵의학(Nuclear Medicine) |
| D | 방사선 종양학(Radiation Oncology) |
| F | 재활의학 및 진단적 청력학(Physical Rehabilitation and Diagnostic Audiology) |
| G | 정신 건강(Mental Health) |
| H | 물질남용 치료(Substance Abuse Treatment) |

- 숫자 0~9 (0; 내외과적 부문, 1~9: 내외과적 관련부문), 문자 B~D, F~H (기타부문)로 표현된다. 이 부문들이 담고 있는 시술 범주는 광범위하여 외과적 시술부터 물질남용치료까지 망라한다.
- 첫째 자리는 광범위한 시술의 범주 또는 코드를 찾을 수 있는 부문을 결정한다. 이 사례에서 부문은 내과적 외과적 부문이다. 0은 첫째 자리에서 내과적 외과적 부문을 표현하는 값이다. 위 사례의 코드는 다음과 같다.

| character 1 Section | character 2 Body System | character 3 Root Operation | character 4 Body Part | character 5 Approach | character 6 Device | character 7 Qualifier |
|-------------------------|----------------------------|----------------------------------|--------------------------|-------------------------|-----------------------|--------------------------|
| Medical and Surgical | | | | | | |
| 0 | | | | | | |

[2] **신체계통(Body System)**

- 둘째 자리는 신체계통을 의미하는데 일반 생리적 계통이나 관련된 해부학적 부위를 나타낸다. 신체계통의 예로 ‘lower arteries, central nervous system, respiratory system’가 있다. 이 사례에서 신체계통은 ‘L’ 값으로 표현되는 ‘tendon’이다.

| character 1 Section | character 2 Body System | character 3 Root Operation | character 4 Body Part | character 5 Approach | character 6 Device | character 7 Qualifier |
|-------------------------|----------------------------|----------------------------------|--------------------------|-------------------------|-----------------------|--------------------------|
| Medical and Surgical | Tendons | | | | | |
| 0 | L | | | | | |

[3] 루트수술(Root Operation)

- 셋째 자리는 루트수술 또는 시술의 목적을 정의한다. 루트수술의 예로 Bypass, Drainage, Reattachment와 같은 것들이 있다. 아래의 사례 코드에서, 루트수술은 Excision이다. 코드의 셋째 자리 사용될 때, 값 'B'는 Excision을 나타낸다.

| character 1 Section | character 2 Body System | character 3 Root Operation | character 4 Body Part | character 5 Approach | character 6 Device | character 7 Qualifier |
|-------------------------|----------------------------|----------------------------------|--------------------------|-------------------------|-----------------------|--------------------------|
| Medical and Surgical | Tendons | Excision | | | | |
| 0 | L | B | | | | |

[4] 신체부분(Body Part)

- 넷째 자리는 신체 부분 혹은 시술이 시행되는 특정 해부학적 위치를 정의한다. 신체계통(둘째 자리)은 시술 부위에 대한 일반적인 표시만을 제공한다. 신체부분과 신체계통의 값이 함께 시술 부위에 대한 세밀한 내용을 제공한다.
- 신체부분의 예로는 kidney, tonsils, thymus가 있다. 이 사례에서, 신체 부분 값은 '5', 'lower arm and wrist, right'이다. 둘째 자리가 'L'일 때, 코드의 넷째 자리에 사용되는 값 '5'는 'right lower arm and wrist tendon'을 나타낸다.

| character 1 Section | character 2 Body System | character 3 Root Operation | character 4 Body Part | character 5 Approach | character 6 Device | character 7 Qualifier |
|-------------------------|----------------------------|----------------------------------|-------------------------------|-------------------------|-----------------------|--------------------------|
| Medical and Surgical | Tendons | Excision | Lower Arm and Wrist, right | | | |
| 0 | L | B | 5 | | | |

[5] 접근방법(Approach)

- 다섯째 자리는 시술부위에 접근하는데 사용되는 접근방법이나 기술을 정의한다. 내과적 외과적 부문에서는 여덟 개의 다른 접근방법 값이 사용된다. 접근방법의 사례로 'open'과 'percutaneous endoscopic'이 있다.
- 아래의 사례에서 접근방법은 'open'이며 값 '0'으로 나타낸다.

| character 1 Section | character 2 Body System | character 3 Root Operation | character 4 Body Part | character 5 Approach | character 6 Device | character 7 Qualifier |
|-------------------------|----------------------------|----------------------------------|-------------------------------|-------------------------|-----------------------|--------------------------|
| Medical and Surgical | Tendons | Excision | Lower Arm and Wrist, right | Open | | |
| 0 | L | B | 5 | 0 | | |

[6] 장치(Device)

- 시행된 시술에 따라 시술 후 장치를 남겨둘 수도 있고 아닐 수도 있다. 여섯째 자리는 장치를 정의한다. 장치 값은 5개의 기본 항목으로 나뉜다:
 1. Graft and Prostheses
 2. Implants
 3. Simple or Mechanical Appliances
 4. Electronic Appliances
 5. ‘Z’는 ‘장치 없음(No device)’을 나타내는데 이용된다.

| character 1 Section | character 2 Body System | character 3 Root Operation | character 4 Body Part | character 5 Approach | character 6 Device | character 7 Qualifier |
|-------------------------|----------------------------|----------------------------------|-------------------------------|-------------------------|-----------------------|--------------------------|
| Medical and Surgical | Tendons | Excision | Lower Arm and Wrist, right | Open | No Device | |
| 0 | L | B | 5 | 0 | Z | |

[7] 한정어(Qualifier)

- 일곱 번째 자리는 코드에서 한정어를 의미한다. 한정어는 해당사항이 있는 경우 시술의 부가적인 속성을 상세화한다.
- 한정어의 예로 진단적(Diagnostic)과 정위적(Stereotactic)이 있다. 한정어 선택은 이전에 선택된 값에 따라 다르다. 이 사례에서, 이 시술의 경우 해당 시술에서 적용 가능한 특정 한정어가 없으므로, 값은 ‘한정어 없음(No qualifier)’을 나타내는 문자 Z이다.

| character 1 Section | character 2 Body System | character 3 Root Operation | character 4 Body Part | character 5 Approach | character 6 Device | character 7 Qualifier |
|-------------------------|----------------------------|----------------------------------|-------------------------------|-------------------------|-----------------------|--------------------------|
| Medical and Surgical | Tendons | Excision | Lower Arm and Wrist, right | Open | No Device | No Qualifier |
| 0 | L | B | 5 | 0 | Z | Z |

C. 코드의 시스템 구성과 예외사항

1) 내과적 외과적 부문: 부문값 0

- 첫 번째 부문인 내과적 외과적 부문에는 입원환자 치료 의료기관에서 보고하는 전형적인 대부분의 시술이 담겨있다.

2) 내과적 외과적-관련 부문: 부문값 1~9

- 이들 부문에는 위 표에서 나열된 것처럼 산과적 시술, 물질의 투여, 신체기능의 측정 및 모니터링, 체외 치료 등이 포함되어 있다.
- 부문 1과 2: 모든 7 자리는 내과적 외과적 부문에서와 같이 시술의 동일한 양상을 정의한다.
- 부문 3~9: 코드는 약간의 예외가 있지만 대부분 내과적 외과적 부문과 상응하게 구조화되어 있다.

[1] 다섯 자리 예외

- 부문 5와 6에서 ‘intra-aortic ballon pump (IABP, 대동맥 내 벌룬펌프)’ 코드에서처럼 다섯째 자리를 ‘접근방법’ 대신 ‘기간(duration)’으로 정의한다.

| character 1 Section | character 2 Body System | character 3 Root Operation | character 4 Body Part | character 5 Duration | character 6 Function | character 7 Qualifier |
|------------------------------------|-------------------------|----------------------------|-----------------------|----------------------|----------------------|-----------------------|
| Extracorp. Assist. and Performance | Physiological Systems | Assistance | Cardiac | Continuous | Output | Balloon Pump |
| 5 | A | 0 | 2 | 2 | 1 | 0 |

[2] 여섯 자리 예외

- 부문 3에서 여섯째 자리는 물질(substance)로 정의한다.
- 부문 4와 5에서 여섯째 자리는 기능(function)으로 정의한다.
- 부문 7~9에서 여섯째 자리는 방법(method)을 정의한다.

3) 기타 보조적 부문: 부문 B~D와 F~H

- 위 표에서 나열된 것처럼 이들 여섯 부문에는 영상의학, 핵의학, 물질남용치료 등이 있다.
- 보조부문에서 일부 자리의 정의는 이전의 부문과는 다른 예외적인 내용이 있다.

[1] 영상의학 부문: 셋째 자리는 유형(type)으로 정의되고, 다섯째와 여섯째 자리는 아래에 CT scan의 예처럼 각각 조영제, 조영제/한정어(contrast/qualifier)로 정의된다.

| character 1 Section | character 2 Body System | character 3 Type | character 4 Body Part | character 5 Contrast | character 6 Qualifier | character 7 Qualifier |
|---------------------|-------------------------|------------------|-----------------------|----------------------|-------------------------|-----------------------|
| Imaging | Central Nervous | CT Scan | Brain | High Osmolar | Unenhanced and Enhanced | None |
| B | 0 | 2 | 0 | 0 | 0 | Z |

[2] 부문 C: 다섯째 자리는 방사성핵종(radionuclide)으로 정의한다.

[3] 부문 D: 다섯째 자리는 치료방법 한정어(modality qualifier), 여섯째 자리는 동위원소(isotope)를 정의한다.

[4] 부문 F에서 다섯째 자리는 유형 한정어(type qualifier), 여섯째 자리는 기구(equipment)를 정의한다.

[5] 부문 G와 H에서 셋째 자리는 유형 한정어(type qualifier)를 정의한다.

D. 분류표(실제 코드목록을 담고 있는 주요부분임)

- 분류표는 내과적 외과적 **부문 0**과 중추신경계인 **신체계통 0**으로 시작하여 숫자적인 순서로 진행이 되는 시리즈로 구성되어 있다. 부문 0~9 다음에 부문 B~D로, F~H가 따라 나온다.
- ICD-10-PCS 분류표의 구성과 틀을 설명하는데 내과적 외과적 부문을 이용한다.
- 내과적 외과적 부문(첫째 자리 0)은 31개의 신체계통 값으로 구성되어 있다. 내과적 외과적 부문에서 신체계통 세분류가 분류개요표(introductory table) 내에 포함되어 있는데, 이는 해당 신체계통에 따라 남아있는 자리에 대해 가능한 값을 목록화한 것이다.

1) 비뇨기계통에 대한 하부 분류표 개요 예시(코드의 3번째 자리 이하)

표 4. ICD-10-PCS의 비뇨기계통에 대한 코드 3번째 자리 이하 하부 분류표 예시

| character 3 Root Operation | | character 4 Body Part | | character 5 Approach | | character 6 Device | | character 7 Qualifier | |
|-------------------------------|-----------------|--------------------------|----------------------|-------------------------|--|-----------------------|---------------------------------|--------------------------|----------------------|
| 1 | Bypass | 0 | Kidney, Right | 0 | Open | 0 | Drainage Device | 0 | Allogenic |
| 2 | Change | 1 | Kidney, Left | 3 | Percutaneous | 1 | Radioactive Element | 1 | Syngenic |
| 5 | Destruction | 2 | Kidney, Bilateral | 4 | Percutaneous Endoscopic | 2 | Monitoring Device | 2 | Zooplastic |
| 7 | Dilation | 3 | Kidney Pelvis, Right | 7 | Via Natural or Artificial Opening | 3 | Infusion Device | 3 | Kidney Pelvis, Right |
| 8 | Division | 4 | Kidney Pelvis, Left | 8 | Via Natural or Artificial Opening Endoscopic | 7 | Autologous Tissue Substitute | 4 | Kidney Pelvis, Left |
| 9 | Drainage | 5 | Kidney | X | External | C | Extraluminal Device | 6 | Ureter, Right |
| B | Excision | 6 | Ureter, Right | | | D | Intraluminal Device | 7 | Ureter, Left |
| C | Extirpation | 7 | Ureter, Left | | | J | Synthetic Substitute | 8 | Colon |
| F | Fragmentation | 8 | Ureter, Bilateral | | | K | Nonautologous Tissue Substitute | 9 | Colocutaneous |
| H | Insertion | 9 | Ureter | | | L | Artificial Sphincter | A | Ileum |
| J | Inspection | B | Bladder | | | M | Electrode | B | Bladder |
| L | Occlusion | C | Bladder Neck | | | Y | Other Device | C | Ileocutaneous |
| M | Reattachment | D | Urethra | | | Z | No Device | D | Cutaneous |
| N | Release | | | | | | | X | Diagnostic |
| P | Removal | | | | | | | Z | No Qualifier |
| Q | Repair | | | | | | | | |
| R | Replacement | | | | | | | | |
| S | Reposition | | | | | | | | |
| T | Resection | | | | | | | | |
| U | Supplement | | | | | | | | |
| V | Restriction | | | | | | | | |
| W | Revision | | | | | | | | |
| X | Transfer | | | | | | | | |
| Y | Transplantation | | | | | | | | |

2) 중추신경계통 내 루트수술 분류표 실제 예시(코드 4번째 자리 이하).

* 이를 색인을 참고하여 찾을 수 있음.

o 루트수술 분류표는 4개의 종렬(column)과 여러 다양한 수의 열(row)로 구성되어 있다:

표 5. ICD-10-PCS의 중추신경계통에 대한 코드 4번째 자리 이하 하부 분류표 예시

| <i>Section</i> | 0 | Medical and Surgical | |
|--------------------------|-------------------------|--|--------------------------|
| <i>Body System</i> | 0 | Central Nervous System | |
| <i>Root Operation</i> | 1 | Bypass: Altering the route of passage of the contents of a tubular body part | |
| character 4 Body Part | character 5 Approach | character 6 Device | character 7 Qualifier |
| 6 Cerebral Ventricle | 0 Open | 7 Autologous Tissue Substitute | 0 Nasopharynx |
| | 3 Percutaneous | J Synthetic Substitute | 1 Mastoid Sinus |

| | | | |
|-----------------------|--|--|---|
| | | K Nonautologous Tissue Substitute | 2 Atrium 3 Blood Vessel 4 Pleural Cavity 5 Intestine 6 Peritoneal Cavity 7 Urinary Tract 8 Bone Marrow B Cerebral Cisterns |
| U Spinal Canal | 0 Open 3 Percutaneous | 7 Autologous Tissue Substitute J Synthetic Substitute K Nonautologous Tissue Substitute | 4 Pleural Cavity 6 Peritoneal Cavity 7 Urinary Tract 9 Fallopian Tube |

- 1~3의 자리에 대한 값은 각 표의 맨 위에 제공된다. 1~3 자리의 값이 주어진 상태에서, 4개의 종렬에 대해 4~7 자리에 대해 적용 가능한 값들이 제시된다.
- 표는 4~7 자리의 값과 타당한 선택지를 상세화하기 위해 여러 개의 종렬로 나눌 수 있다.

E. 색인

- ICD-10-PCS 색인은 분류표를 찾는데 사용될 수 있다. 색인은 표의 구조를 반영하므로 일관성 있는 구성패턴을 따르며 위계구조를 이용한다.
 - 색인은 알파벳 찾아보기로 구성된다. 주된 용어의 2 가지 형태는 색인에 나열되어 있다: 루트수술 값 및 흔한 시술용어
- 1) 셋째 자리의 값에 기초함(루트수술)
- 내과적 외과적 관련 부문의 경우, 루트수술 값(셋째 자리)은 색인에서 주요 용어로 사용된다. 핵의학이나 영상의학과 같은 다른 부문에서는 시행된 시술의 일반적 유형(셋째 자리)을 나타내는 값이 주요 용어로 목록화된다.
 - : 즉, 내과적 외과적 관련 부문에서는 Excision, Bypass, Transplantation과 같은 값들이 색인에서 주요 용어로 들어간다. 해당되는 신체계통 용어는 주요 용어 아래에 나열되고 상세 분류표를 참조하게 한다. 보조부문에서 형광경검사(Fluoroscopy)나 양전자방출컴퓨터단층촬영(Positron emission computer tomography)과 같은 값(셋째 자리)들이 주요 용어로 목록화된다.

예시> 색인용어 ‘Bypass’는 모든 적용 가능한 신체계통에 대해 내과적 외과적 부문 분류표를 참조하게 한다.

Bypass

Artery

External iliac,

left 041J

0: Medical and Surgical (부문)

4: Lower Arteries (신체계통)

1: Bypass (루트수술)

J: External Iliac Arteries, Left (신체부분)

2) 혼한 시술용어

- 색인에 나오는 용어의 두 번째 형식은 충수돌기절제술(appendectomy)과 위저부주름술(fundoplication)과 같은 시술명을 사용하는 것이다.

-예시>

Cholecystectomy

see Excision, Gallbladder 0FB4

see Resection, Gallbladder 0FT4

O: Medical and Surgical

F: Hepatobiliary System and Pancrease

B: Excision

4: Gallbladder

O: Medical and Surgical

F: Hepatobiliary System and Pancrease

T: Resection

4: Gallbladder

F. ICD-10-PCS 적용과 그 장점

1) 장점

- ICD-10-PCS는 코드화된 자료를 모으는 능력에 있어 최대한 융통성 있게 설계되어 있다. 코드 내에서 같은 위치에 있기에 부문 내에서 정의된 대로 같은 자리에 속하는 값은 쉽게 비교될 수 있다. 이는 데이터마이닝을 위한 높은 정도의 유연성과 기능성을 제공한다.
- 방대한 일련의 코드에 걸쳐 유지되는 자리와 값의 일관성은 데이터 수집과 분석에 대한 최대의 기능성과 유연성을 제공한다. 위에서 보여준 검색 기능은 의료 분야 데이터의 모든 활용을 위해 똑같이 사용될 수 있다: 의료의 질 연구, 자원 활용, 위험 관리, 연구 수행, 진료비 상환 결정 등

2) 예시

- 예를 들어, 신체 부분 값이 6 (위, stomach)은 내과적 외과적 부문에서의 모든 코드에 대해 ‘위’에 시행된 시술이라고 정의한 그 의미를 보유한다. 신체 부분 값은 해당 값을 가진 신체계통에 따라 결정되므로 자료 검색 시 신체계통을 값 D (gastrointestinal)가 포함되어야 한다.
- ‘위’에 시행된 모든 내과적 외과적 시술에 대한 데이터를 검색하기를 원하는 사람은 단순히 아래와 같이 코드 범위를 검색할 수 있을 것이다.

OD*6***

- 예를 들어, 해당되는 경우 부문 0~4와 7~9에서 다섯 번째 자리 값 ‘0’은 접근방법이 ‘open’으로 정의되고, 값 ‘3’은 접근방법 ‘percutaneous’로 정의된다. 결과적으로, 부문 0~4와 7~9에서 코드에 의해 표현되는 모든 개방성(open) 및 경피적(percutaneous) 시술은 단일 자리에 기초하여 비교할 수 있다. 아래와 같이 코드 범위에 따라 자료검색을 시행할 수 있다.

[0~4, 7~9] ***0** vs [0~4, 7~9] ***3**

- 특정 값을 추가함으로써 검색이 점차 정교해질 수 있다. 예를 들어 신체계통 값이나 일련의 신체계통 값에 신체부분 값이나 일련의 신체부분 값과 루트수술 값이나 일련의 루트수술 값을 더하여 검색할 수 있다.
- 위 검색을 정교하게 하기 위해, 위(stomach)에 시행된 개방성 vs 경피적 시술로 검색을 제한하기 위해, 신체계통 값은 gastrointestinal로, 신체부분 값은 위(stomach)를 추가할 수 있을 것이다.

0D*60** 와 0D*63**

- 좀 더 검색을 정교하게 하고 위(stomach)에 대한 개방성 vs 경피적 생검으로 비교를 제한하고자 한다면, 아래와 같이 루트수술에 대한 3번째 자리 값으로 excision과 7번째 자리 값은 한정어 Diagnostic을 추가할 수 있을 것이다.

0DB60*X 와 0DB63*X

1.2 Current Procedural Terminology (CPT)

A. 목적

- 의료서비스와 의료행위를 기술하기 위하여 미국의학협회(American Medical Association, AMA)에서 개발. CPT의 목적은 외과적 의료행위 및 내과적·진단적 서비스를 정확하게 기술하기 위함.
- 운영 기관: Center for medicare & medicaid services (CMS)
- 운영 주체: 미국의학협회(American Medical Association, AMA)

B. 코드 구조

- 매년 1월 1일 개정된 내용이 발효됨.
- 시간을 단위로 코드 선택: 환자와 대면하는 시간. ‘해석(interpretation)’과 ‘보고(report)’하는 시간은 포함되지 않음.

| |
|---|
| 96360 Intravenous infusion, hydration; initial, 31 minutes to 1 hour |
| 96361 Intravenous infusion, hydration; each additional hour (List separately in addition to code for primary procedure) |

1) **Category I**: 의료 시술 혹은 서비스를 5 자리 숫자로 표현. 보편화된 치료/미국 식약청 승인/임상적으로 효과성이 증명된 것. 크게 6 개의 주요 섹션으로 구분.

① **Evaluation & Management Codes [99201-99499]**

- 서비스 장소, 초진/재진, Examination, History, Medical Decision Making, 소요시간, 상담(외래/입원)

② **Anesthesia Codes [00100-01999, 99100-99140]**

- 하부 섹션은 해부학적 위치로 나눔.

- 시간, 마취 시 사용된 물질, 시술의 난이도와 횟수, modifiers 등.

*Anesthesia modifiers: 시술의 대상이 되는 환자의 건강상태 구분

P1: Normal, healthy patient

P2: Patient with mild systemic disease

P3: Patient with severe systemic disease

P4: Patient with severe systemic disease that is a constant threat to life

P5: Moribund patient who is not expected to survive without the operation

P6: Declared brain-dead patient whose organs are being removed for donation purposes

③ Surgery Codes [10040-69979]

- Body system에 따른 하부섹션으로 세분화.
- 소제목은 주사, 절개, 절제와 같은 시술의 카테고리에 따라 아래와 같이 분류.

- Incision
- Excision
- Introduction or Removal
- Repair, Endoscopy
- Revision or Reconstruction
- Destruction
- Grafts
- Suture
- Other Procedures

④ Radiology codes [70010-79999]

- 시술 유형에 따라 분류: Diagnostic Imaging/Diagnostic Ultrasound/Radiation Oncology/
Nuclear Medicine
- 하부 섹션은 다시 해부학적 부위에 따라 분류.

⑤ Pathology and Laboratory codes [80049-89399]

- 하위 부문은 시행된 진단적 의료행위의 유형에 따라 나누어짐.

⑥ Medicine codes [90701-99199]

- 의약부문은 CPT내에서 다른 곳에 분류하기 적합하지 않은 의료행위를 기술하는 다양한 코드를 담고 있음.
- 하부 섹션은 비침습적인 또는 최소 침습적인 진단적, 치료적 서비스와 시술로 분류됨.

27830, Closed treatment of distal tibiofibular joint dislocation; without anesthesia

2) Category II: 성과 측정 코드(시행된 서비스의 성과 측정) - PMGA [Performance Measure Advisory Group]가 검토

- Category I에 부가적으로 성과측정을 위한 추적관리 코드(단독사용 불가). 의무사용은 아니며 선택사용.
- CMS는 category II 코드에 의해 보고되는 의료서비스에 따라 가감지급을 실시.

- 의료 서비스 및 결과 자료를 용이하게 수집하기 위해 고안된 코드.
- 일련의 코드에서 5번째 자리에 알파벳 문자 F를 부여.

0004F, Tobacco use cessation intervention, counselling

표 6. CPT 성과 측정 코드 분류 및 표기 예시

| HEDIS/Other Measure | Indicator Description | CPT Category II Codes |
|---|-------------------------------------|---|
| Adult BMI | BMI assessed/documentated | 3008F |
| Care of Older Adults | Advanced Care Planning | 1157F, 1158F |
| | Functional status assessment | 1170F |
| | Pain screening | 0521F, 1125F, 1126F |
| | Medication review & list | 1159F & 1160F |
| CVD Cholesterol Management | LDL test & level | 3048F, 3049F, 3050F |
| Controlling Blood Pressure | Blood pressure readings | 3074F, 3075F, 3077F, 3078F, 3079F, 3080F |
| Comprehensive Diabetes Care | A1c test & A1c level | 3044F, 3045F, 3046F |
| | Eye exam | 2022F, 2024F, 2026F, 3072F |
| | LDL test & level | 3048F, 3049F, 3050F |
| | Nephropathy screening | 3060F, 3061F, 3062F, 3066F, 4009F (2012 - 4010F = 4009F) |
| | Blood pressure readings | 3074F, 3075F, 3077F, 3078F, 3079F, 3080F |
| Screening for Depression | Screening performed | 3725F |
| Medication Reconciliation After Discharge | Medication reconciliation | 1111F |
| Tobacco Cessation | Screening, counseling, intervention | 1031F, 1032F, 1033F, 1034F, 1035F, 1036F, 4000F, 4001F, 4004F |
| Urinary Incontinence | Assessment, plan of care | 0509F, 1090F, 1091F |
| Fall Risk Assessment | Assessment, plan of care | 0518F, 1100F, 1101F |

3) **Category III**: 신의료기술 코드(Emerging Technology code). 최장 5년 동안 보관되는 임시코드. 이후 Category I에 추가 여부 결정됨. 편집단에 의해 연 2회 업데이트.

- 일련의 코드에서 5번째 자리에 알파벳 문자 T를 부여
- 다음의 조건 중 적어도 하나는 충족되어야 함.
 - 신의료기술을 시행한 CPT 또는 HCPAC (Health Care Professional Advisory Committee)의 최소 1명 이상의 고문으로부터 지지를 받아야 함.
 - 특정 서비스 및 시술의 유용성을 뒷받침하기 위한 영어 근거 문헌 필요(CPT 패널이 검토할 수 있도록 영어 문헌 필요).
 - 다음의 최소 하나 이상의 제도적 검토 필요.
 - (a) 이사회에서 승인한 방법에 따라 연구된 의료 서비스 또는 시술
 - (b) 미국에서 현재 진행되고 있는 시술 또는 서비스의 유용성에 대한 설명
 - (c) 임상적 활용 가능성의 근거

0014T, Meniscal transplantation, medical or lateral, knee (any method)

4) **CPT Modifiers**: 특정 조건 또는 수정 (예. 한 명 이상의 의사, 시술의 일부만 시행 또는 확장, 반복되는 의료서비스나 시술, 양측 시술, 동시 시술 등 기술)

51 Multiple Procedure

27500 Closed treatment of femoral shaft fracture, without manipulation

27552 Closed treatment of knee dislocation; requiring anesthesia

Lt, Leg 골간골절과 Rt. knee 탈골된 환자를 경형외과 의사가 왼쪽 다리에 close treatment를 시행하고 오른쪽 무릎에도 close treatment를 동일한 수술 시간에 시행했다면 코드는 27500_LT, 27552_51_RT가 됨

C. 비고

1) CPT 편집단(Editorial Panel):

- 역할: CPT 코드의 유지, 수정, 삭제 등의 편집 활동.
- 17 명으로 구성, 11 명은 AMA에 의해 지명되며, 나머지는 민간보험회사 BC/BS (Blue Cross and Blue Shield Association)와 CMS 등에서 지명. 임기는 1-4년(개인당 최대 8년).

2) CPT 자문위원회

- 역할: 의료행위의 코딩과 적합한 명명법에 대한 의견 제공, CPT 코드로 고려 중인 다양한 내과적, 외과적 의료행위의 적합성에 대한 의견 제공, CPT 코드 개정 제안, CPT 코드 이용에 대한 교육.
- 모든 주요 전문분야별 학회 및 AMA HCPAC(Healthcare Professionals Advisory Committee) 대표자로 구성.

3) PMGA (Performance Measure Advisory Group)

- Category II 성과측정자문단, CPT 편집단의 자문기구.

4) 개정 절차

- 주로 전문분야별 학회, 의사 개인, 병원, 제 3자인 보험사, 기타 이해관계 당사자가 요청.
- 코딩 변경 요청 형식은 AMA's CPT 웹사이트에서 이용할 수 있음.
- 요청자는 제안하는 내용이 의료행위인지? 기존 코드와의 중복, 보편적으로 시행되는지? 기존 코드가 왜 적합하지 않은지? 등을 고려해야 함.
 - CPT 편집단은 연 3 회 회의를 통해 신기술을 검토하고 오래된 의료행위를 정리.
 - CPT 편집단은 연 350 개의 주요 주제 처리, 개별 항목에 대해 3000 건 이상의 투표 시행.

D. 요약

- 미국의학협회가 의사 및 기타 의료제공자에 의해 시행된 의학적 서비스와 기술을 기술하기 위해 개발.
- 의사서비스, 비의사서비스, 병원외래, 수술센터에서 시행되는 수술서비스를 보고하기 위해 사용.
- 원래는 진료비청구를 위해 가능하면 정확하게 의사서비스를 보고하기 위한 방안으로 개발되었지만, 최근에는 의료 추이 분석, 기획, 벤치마킹, 진료의 질 측정에도 사용.

1.3 International Classification of Health Intervention (ICHI)

A. 목적

- WHO ICPM (International Classification of Procedures in Medicine)을 발표하였으나(1978) 관리, 인력, 비용의 문제로 유지되지 못함.
: 우리나라의 경우 1998년까지 ICPM을 사용하였으나, 대한의무기록협회가 ICD-9-CM volume 3 (1994년판)을 번역하여 1999년부터 ICPM을 대신하여 사용 시작함. 2004년부터는 2003년판을 번역하여 사용 중임.
- 의료의 범위, 의료서비스, 급성 치료뿐만 아니라 외래, 입원환자 치료를 측정하는 시술의 국가적 분류.
- 국가별 호환성과 건강증진 및 보건사업관련 의료행위분류, 재활치료 행위 분류 등을 보완하며 보건의료 시스템의 효과성, 의료행위의 성과 등을 비교하기 위함.
- ICD-9-CM volume 3을 기본으로 설계.

B. 코드 구조

- ICHI에서 모든 의료행위는 다음과 같은 형식으로 표현.

표 7. ICHI의 의료행위 표현 구성

| 구분 | 내용 |
|---|--|
| 엔티티의 제목 (Title of entity) : 의료행위 명칭 | 1. 정의(textual definition) 2. 계층(hierarchy)- 유형(type) - 용도(Use) 3. 동의어(synonyms)-포함(inclusion)-제외(exclusion)-색인 용어(index terms) |
| 특징 기술 | 1. 대상(target) A. 신체부문 또는 해부학적 부위(body part or anatomical site) B. 신체 기능(body function) C. 활동 및 참여(activities and participation) D. 환경(environment) E. 행동(behaviour) 2. 행위(action) A. 진단목적(diagnostic) B. 치료목적(therapeutic) C. 관리목적(managing) D. 예방목적(preventing) 3. 수단(means) A. 접근방법(approach) B. 기법(technique) C. 방법(method) D. Sample 4. Other relevant information A. 확장 코드(Extension codes) B. Device: Assistive devices: ISO9999 (proprietary) Implanted devices: GMDN (proprietary) C. Chemical substance: ATC D. Objective ICD, ICF |

- Health intervention을 개인 혹은 집단의 건강, 기능, 건강상태를 평가, 변화, 향상시키기 위한 목적으로 수행되는 활동으로 정의.
- 코딩 규칙은 사용자가 ICHI tabular intervention list에서 가장 적합한 시술을 선택하여 분류체계에 적용을 할 수 있도록 설계됨.
- 대상, 행위, 방법의 3개의 축과 7자리의 코딩 체계로 구성됨.
 - 대상(Target): 행위가 수행되는 대상 - 3자리
 - 행위(Action): 대상에 수행한 행위 - 2자리
 - 방법(Means): 수행된 행위 과정 및 방법 - 2자리
 - 국가별 세부코드 - 4자리

표 8. ICHI 의료행위 분류 대상 표기 예시

| section | chapter | Target Group Code | Target Group Title | ICHI Target | Target Title | Target Incl | Target Excl | Mapping ICF | Mapping Target system |
|---------|---------|-------------------|--------------------|-------------|-----------------------------|----------------------------------|--|-------------|-----------------------|
| 1 | 1 | AA | Brain | AAA | Brain (Encephalon) | intracerebral, intracranial NOS | ventricular system of brain(AAE), meninges of brain(AAC), vascular of brain(IAA) | | Nervous System |
| 1 | 1 | AA | Brain | AAC | Intracranial meninge | cranial sinus | | | Nervous System |
| 1 | 1 | AA | Brain | AAE | Ventricular system of brain | intracranial cerebrospinal fluid | | | Nervous System |

표 9. ICHI 의료행위 분류 행위 표기 예시

| Action Type | Action Type -Detail | ICHI Action | Action Title | Action Definition | Action Incl | Action Excl | Action code also |
|-------------|---------------------|-------------|--------------|---|--|--|------------------|
| Diagnostic | | AA | Assessment | Evaluating a health condition, functioning, environment, behavior, situation, or need for intervention. | analysis, detection, evaluation | measurement (AB), test(AC), monitoring(AI) | |
| Diagnostic | | AB | Measurement | Quantitative determination of characteristics of body parts, body functions or environmental factors which results in a continuous variable | electrophysiological measurement, pressure measurement size and sound measurement, plethysmography, air quality, caloric intake, handstrength, range of motion | | |

표 10. ICHI 의료행위 분류 방법 표기 예시

| Means Type | ICHI Means | Means Title | Means Definition | Means Incl | Means Excl |
|------------|------------|--|---|--|------------|
| Approach | AA | Open approach | By incision to access the actual site(target) of the intervention | | |
| Approach | AB | Endoscopic/ Transparietal endoscopic | | laparoscopic, arthroscopic, includes that with imaging assistance | |
| Approach | AC | Per orifice/ Transorifice | Access by a natural or artificial orifice | transmastoid, includes that with imaging assistance | |

- 내용은 3개의 section (Section 1. Intervention on Body Systems and Functions, Section 2. Intervention on Activities and Participation Domains, Section 3. Intervention to Improve the Environment and Health Behavior)으로 나뉨.

| 코드 | 내용 |
|-----------|---|
| AAN LB AA | Anastomosis <i>and</i> suture of cranial nerves |

C. 비교

- 2015년 개발 완료 예정이고, 아직 미완성 상태임.

D. 요약

표 11. CPT와 ICHI 비교 요약

| | CPT | ICHI |
|------|--|--|
| 관리기관 | AMA | WHO |
| 운영목적 | 의료행위에 대한 진료비 지불 | 1. 건강증진활동을 국가적으로 비교 2. 자국의 분류체계가 없는 국가들에게 분류체계 제공 3. 국제적 수준과 다른 집단에서의 보건정책 수립 지원 |
| 분류대상 | 의료행위 1) 의사서비스 2) 비의사서비스 3) 외래 및 통원수술센터의 외과적 서비스 | 보건의료 시스템 내에서 시행되는 포괄적 인 의료서비스 1) 급성기 치료 2) 일차의료 3) 재활 4) 기능적 보조 5) 전통의료 6) 예방 및 기타서비스 |
| 분류개수 | 7,800여개 | 약 7,000여개 |
| 코드형식 | 5자리 숫자형 | 7자리 알파벳 코드 |
| 위계구조 | 1 st axis: 의료행위 유형 2 nd axis: 해부학적 부위 혹은 검사 | 1 st axis: 대상(target) 2 nd axis: 행위(action) 3 rd axis: 수단(means) |
| 확장성 | 숫자형이므로 확장 가능 modifier를 이용하여 추가정보 | 기본 7자리 코드에 국가별로 다른 기술을 기술하기 위해 4 자리 추가 가능 |

| | | |
|-----------------|---|---|
| 신 의 료 기 술 반영 | 매년 코드 갱신을 위한 의견 수렴 및 반영 | 현재 개발 중인 체계 |
| 코드사례 | 42820 tonsillectomy 44950 appendectomy | AAA AE AE Craniotomy ATF HH BN Manipulation joint(s). trunk |
| 업데이트 | category I - 매년 (1.1.적용) category II - 분기별 category III - 반기별 | 현재 알파버전 개발 |
| 허가기관 | AMA | 공개자료로 라이선스 필요 없음 |
| 비고 | 코딩규칙이 너무 상세하고 임상적이어서 입원환자의 시술분류로는 적합하지 않는 평가가 있음. | |
| 시사점 | 1. 의료행위에 대한 표준화된 용어 정립: 보험청구를 위해 용어 표준화 2. 위계구조를 갖춘 체계 3. 정기적인 개정 절차: 의견 수렴 및 반 영을 공개적으로 시행 | 국제적인 호환성을 고려한 체계임 |

1.4 Healthcare Common Procedure Coding System (HCPCS)

A. 목적

- HCPCS는 메디케어 및 메디케이드센터의 진료비청구 프로그램의 운영을 목적으로 의료행위, 물품, 제품 및 의료서비스를 분류하고, 벤치마킹, 트렌드 분석, 기획 및 의료의 질 평가에 이용.
- HCFA[현재 CMS(Centers for Medicare & Medicaid Services)]는 1980년대에 모든 물품, 의료행위, 서비스를 CPT 시스템을 이용하여 코드화할 수 없기 때문에 HCPCS 시스템을 개발하는 것이 필요했음.

B. 코드 구조

- 1) 분류 대상: 의료행위, 물품, 제품 및 서비스.
- 2) 코드 길이 및 형식
 - 5 자리 알파벳 숫자형 코드.
 - 첫 자리는 문자(A~V, I와 S제외), 4 자리는 숫자.
- 3) 코드 사례
 - A0225 ambulance service, neonatal transport, base rate, emergency (이송서비스)
 - B4034 enteral feeding supply kit: syringe, per day (유동식, 영양용액, 주입펌프)
 - E0105 cane, quad or three-prong (지팡이, 목발, 보행기, 이동식 세면대 등)
- 4) 코드 위계구조
 - 1st axis: 의료행위 유형 또는 분류 대상군.
 - 2nd axis: 없음.
- 5) 코드의 확장성: Modifier를 사용하여 코드에 반영하지 못하는 정보를 수용.

- 6) 신의료기술 분류의 수용성 : 매년 코드 갱신을 위한 사용자 의견 수렴.
- 7) 버전 관리: 매년
- 8) 사용 허용 기관: CMS (Centers for Medicare & Medicaid Services)

9) 분류체계 3가지 시스템: level I, level II, level III

- Level I 코드: CPT 코드로 의사 및 기타 의료인이 시행하는 의료서비스와 의료행위를 설명하는데 사용.
- Level II 코드: CPT에 포함되지 않은 제품, 물품, 의료서비스를 분류하는데 사용. 효율적인 청구 처리를 목적으로 category별로 유사성을 가진 의료 제품을 분류하는 시스템. 의료적인 특성의 항목이나 서비스에 대해 청구서식에 동일한 형식으로 보고하게 하는 코드체계. 공공 및 민간 보험 프로그램은 표준화된 코딩시스템이 필요한데, 이는 공급자가 청구서식에 동일한 형식으로 보고하게 하고 의미 있는 데이터 수집을 가능하게 하기 위함. 미국 보건복지부는 치과서비스 청구 시 사용하게 하기 위해 CDT (Current dental terminology)를 HCPCS level II 코드에 포함시키기로 미국치과협회와 협정을 맺음.
- Level III 코드 : 지역코드(local codes)라고 부르는데, 1996년 제정된 HIPAA 법률에 부합하기 위해 2003.12.31.부로 삭제됨.

C. 비교

- 1) 신규 코드로 승인되더라도 HCPCS 코드의 추가가 반드시 메디케어 급여를 의미하지 않음. 새로운 코드로 구별되는 항목의 급여 여부는 코드의 부여가 아닌 메디케어 법률, 규정, 의학적 검토 정책에 의해 결정 됨.
- 2) 메디케어 환자에 대한 코드화된 데이터를 처리하는데 ICD-9-CM 진단 및 시술 코드를 사용.

D. 시사점

- 1) 의료행위와 밀접한 물품, 제품 및 서비스를 별도로 분류.
 - CPT 코드에 반영되지 않은 의료행위를 별도 코드화.
 - 진료비 산정에 필요한 기타 정보의 코드화.
- 2) 코드에 반영하지 못하는 정보는 modifier로 처리.
 - 코드체계를 크게 변경하지 않고 진료비 산정에 필요한 정보로만 허용.
- 3) 정기적인 업데이트 및 개정 절차를 운영.
 - 사용자 의견 반영.
 - 변화하는 환경 수용.
- 4) 코드 추가 요청 조건.
 - FDA가 미국 내에서 제품 판매 승인.
 - 제품이 최소 6 개월 동안 시장에 나와 있는 경우.
 - 외래환자 3% 이상이 제품을 사용하는 경우.

1.5 Current Dental Terminology (CDT)

A. 목적

- CDT는 미국치의학협회가 치과진료 부분에서 시행하는 진단검사와 시술을 기술하기 위하여 1969년 개발하였고, HCPCS level II 코드의 일부로 치과 의료행위 및 재료의 청구를 목적으로 함.
- 운영기관은 메디케어 및 메디케어서비스센터(Centers for Medicare & Medicaid Services, CMS)이나, 미국치의학협회(the American Dental Association, ADA)가 운영주체로 CDT 변경에 대한 의사결정을 함.

B. 코드 구조

- 1) 분류 대상: 치과 외래 및 입원의 행위 및 재료
- 2) 분류 개수: 621
- 3) 코드 길이 및 형식: 5자리 알파벳 숫자형 코드
- 4) 코드 사례
 - D3310 endodontic therapy, anterior tooth (excluding final restoration)
 - D3320 endodontic therapy, bicuspid tooth (excluding final restoration)
- 5) 코드 위계구조
 - 1st axis: 치과행위 유형(12 섹션)
 - 2nd axis: 각 섹션별 치과행위
- 6) 코드의 확장성
 - 5 자리 알파벳 숫자형
 - 코드 첫 자리는 문자, 4 자리는 숫자로 구성되어 있어 가용한 범위 내에서 확장가능
- 7) 신의료기술 분류의 수용성
 - 매년 코드 갱신(신규, 수정, 삭제)을 위한 사용자 의견 수렴하여 반영하는 절차가 마련되어 있어, 매년 50여 개 정도의 코드 갱신이 이루어지고 있음.
- 8) 버전 관리: 매년 갱신 - 1월 1일
- 9) 사용 허용 기관: ADA

C. 비교

- 1) 치과 진단영역에는 SNODENT를 사용하고, 치과 검사 및 치료영역에서 CDT를 사용하며, 표준화, 일관성, 구체성, 상세성을 가지고 치과 진료의 효율적인 청구와 심사뿐만 아니라 수기 및 전자의무기록에서의 의무기록 작성을 지원함.
- 2) 치과 관련 진단적 검사, 예방적 시술을 포함하여 치아 및 치아 주위 조직에 대한 의료행위가 범주화되어 구분됨. 국내 231 개의 치과 관련 코드에 비하여 621개로 적절하게 세분화되며, 최신의 업데이트를 포함하여 치과 의료행위에 대한 전체 범주를 다루고 있는 것으로 파악됨.

D. 시사점

- 1) 코드에 코드명을 포함하여, Descriptor 설명이 포함되어 사용상 일관성과 정확성을 유지.

- 2) 관련 분야 전문가로 구성된 안정된 코드운영체계 유지. ADA를 비롯해서 관련 학계 등 9 개 분야의 전문가가 참여하는 코드 개정 및 유지관리 위원회가 안정적으로 운영되고 있음.
- 3) 새로운 기술의 도입 등 사용자의 의견을 수렴하는 절차 마련.
- 4) 매년 신규 코드 및 코드의 갱신을 위하여 사용자의 요청을 받고, 최종 심의확정 전 대중의 의견을 수렴하는 절차가 마련되어 있음.
- 5) 급여/비급여, 연령 구분, 종별 가산 등 수가운영상의 요건들을 코드에 반영하지 않은 치과 행위만을 나타내는 간결한 분류코드로 이루어지고, 진료비 청구를 위한 코드적용 기준, 예외 사항, 구비 의무기록 내용 등을 포함시킨 수가기준표와 지침 및 매뉴얼은 별도로 주별 보건국에서 산하 의료기관에 제공.

표 12. 수가표(fee schedule)에 따른 보험적용 기준 및 제한 예시 - Kansas주 BlurCross/BlueShield

| CDT Code | Records Required |
|---|--|
| Crowns – for front teeth and/or six or more teeth | Dental/Medical records including periapical x-rays (front teeth), bitewings (back teeth) with supporting rationale for the need of a crown on each tooth |
| D0360 – cone beam ct – craniofacial data capture | Reason/rationale for needing the cone beam CT, i.e., TMJ/ortho/implant, endodontics |
| D0362 – cone beam – two-dimensional image reconstruction using existing data, includes multiple images | |
| D0363 – cone beam – three-dimensional image reconstruction using existing data, includes multiple images | |
| D4271 – free soft tissue graft procedure | Policy Guidelines 1. The following clinical findings should be submitted for consideration: a. Tooth # b. Probing depths (mm) c. Gingival recession (mm) d. Keratinized gingival (mm) e. Presence of marginal inflammation f. Progression of recession g. Cervical caries or abrasion |
| D4273 – subepithelial connective tissue graft procedures, per tooth | |
| D4275 – soft tissue allograft | |
| D4276 – combined connective tissue and double pedicle graft, per tooth | |
| D4249 – clinical crown lengthening – hard tissue | Dental/Medical records including op report and/or clinical notes |
| D7290 – surgical repositioning of teeth | |
| D7350 – vestibuloplasty – ridge extension (including soft tissue grafts, muscle reattachment, revision of soft tissue attachment and management of hypertrophied and hyperplasty tissue) | Dental/Medical records including arch code, op report and/or clinical notes |
| D7860 – arthrotomy | Dental/medical records for TMJ services to include clinical records with a history and physical, any prior treatments and the complaints, signs and symptoms |
| D7865 – arthroplasty | |
| D7871 – non-arthroscopic lysis and lavage | |
| D7872 – arthroscopy – diagnosis, with or without biopsy | |
| D7873 – arthroscopy – surgical: lavage and lysis of adhesions | |
| D7874 – arthroscopy – surgical: disc repositioning and stabilization | |
| D7875 – arthroscopy – surgical: synovectomy | |
| D7876 – arthroscopy – surgical: discectomy | |
| D7877 – arthroscopy – surgical: debridement | |
| D7880 – occlusal orthotic device, by report | |

1.6 Australian Classification of Health Interventions (ACHI)

A. 목적

- ACHI는 WHO의 ICD-10에 동반되는 행위 분류가 없었고, ICD-10-AM과 함께 사용하기 위해 개발되어 AR-DRG의 구성 요소로 보건의료 통계 및 재정 조달 기전 등 여러 용도로 이용되고 있음. 분류체계 개발은 DRG 개발과 나란히 이루어졌음.
- 국가 사례 구성 및 분류 센터(National Casemix and Classification Center, 이하 NCCC)가 운영 주체로 MBS (Medicare Benefit Schedule)를 기반으로 전문의 및 임상코더 협조 하에 개발되었음.

B. 코드 구조

1) 분류 대상

- 일반의 진료(general practice consultations)
- 전문의 진료(specialist consultations)
- 수술 및 기타 내과적 서비스 - 진단검사 등

2) 분류 개수: 6,102

3) 코드 길이 및 형식

- 7 자리 숫자형 코드. xxxxx-xx 형식.
- 앞의 다섯 자리는 MBS 항목 번호이며, 뒤 두 자리는 MBS 항목 기술어에서 파생된 새로운 의료행위 개념을 나타냄.

4) 코드 사례

36561-00 closed biopsy of kidney

5) 코드의 위계구조: 다축 구조 (구조와 개념에 있어 ICD와 유사함)

- 1st axis: 신체계통 및 해부학적 부위(20장)
- 2nd axis: 의료행위 유형(블록 범주)
- 단, axis는 5 자리 코드 내에서 일관된 번호체계를 갖지 못하고 별도의 장과 블록 번호로써 관리됨.

표 13. ACHI 코드의 위계구조 예시

| | ACHI | | | | | | | | Block |
|--|----------|---|---|---|---|---|---------|---|-------|
| | MBS item | | | | | | ACHI 확장 | | |
| 예) Exploration of middle ear | 4 | 1 | 6 | 2 | 9 | - | 0 | 0 | [307] |
| chapter (1-20) | | | | | | | | | |
| 1 st level - anatomical site | | | | | | | | | |
| 2 nd level - procedural type axis | | | | | | | | | |
| 3 rd level - block axis | | | | | | | | | |
| 4 th level - code | | | | | | | | | |
| 확장을 위한 자리 수 | | | | | | | | | |

- Third level: 블록 축(block axis) - 중분류

블록은 ICD 코딩체계의 중분류 정도에 해당하는 구조로 별도의 번호를 부여하여 자료로서의 활용도를 높이고자 하였음.

6) 코드의 확장성

- 블록 번호 사이에 쓰지 않는 번호대를 두어 새로운 범주의 행위가 확장 가능하며, MBS 5자리에 2자리를 확장하여 쓸 수 있으므로 기본 분류체계를 유지하며 확장 가능함. 그러나 각 자릿수별 일관성이 부족함. 완전한 코딩을 위해서는 알파벳 인덱스 참조 후 내용 예시표를 참조하는 것이 좋음.

7) 신의료기술 분류의 수용성

- 웹사이트를 통해 의견 제출 절차를 공지하며, 이해관계자가 업데이트 절차에 참여할 수 있음.

8) 버전 관리: 매 2년 주기(2년 차 7월 1일이 적용일)

9) 사용 허용 기관: 호주 내에서 사용 허용되나 호주 밖에서는 NCCC를 통한 라이선스가 필요함.

C. 비교

- 1) 원래 호주연방 메디케어급부표(MBS)에 기초하여 개발되어 초기에는 MBS-Extended로 불렸으나, 2002년 7월 이후 ACHI로 명칭이 변경됨.
- 2) MBS는 수가 표(fee schedule)로 전문영역에 따라 구조화되어 있음.
- 3) 의료행위 분류체계 관련 코딩지침을 호주코딩지침(Australian Coding Standards, ACS)에 수록하여 코드 사용의 일관성과 정확성을 도모함.
- 4) 의료행위 분류체계는 일람표, 색인, 코딩지침으로 구성되어 있음.
- 5) ACHI 내에 있는 코드는 상대가치단위(Relative Value Units, RVUs)와 연결되어 있지 않음. 현재 수가구조에 따라 기본적으로 변경되는 것임
- 6) 보건복지부는 MBS를 최소 1년에 두 번 갱신하는데, 이러한 코드 변경은 ACHI와도 연동됨. 그래서 청구는 ACHI가 아닌 MBS에 의해 기초하여 시행되나 둘은 연결되어 있음.
- 7) ACHI는 호주 내 모든 병원에서 사용되고 있음(공공, 민간, 통원수술센터).

D. 시사점

- 1) 자국 내 수가체계를 분류체계로 개조하여 분류함
 - 자국 내 수가체계인 MBS를 분류체계로 개조하여 DRG 분류에도 이용함으로써 기존 코드체계와 연계가 성공적임.
 - 이는 기존의 수가체계가 해부학적으로 구조화된 체계적인 분류를 가지고 있었기 때문에 가능한 일이었음.
 - 수가체계와의 지속적 동반 개발을 통해 관리의 효율이 기해진 것으로 보임.
- 2) 임상자료 정보로서의 가치 극대화를 가능하게 하는 도구임
 - 다축 구조로 확장에 유연하고 자료 분석에 강력한 솔루션 제공.
 - DRG 분류에 있어 비용 및 임상적 동질성은 매우 중요하며, 이는 질 높은 진단 및 행위분류에서 달성 가능한 바, ICD-10-AM 및 ACHI는 AR-DRG 분류를 전제로 개발되었음.

※ **재개발 필요성:** ACHI의 범위(scope) 및 메디케어보험급여표(Medicare Benefit Schedule, MBS)를 기반으로 하여 자릿수(space)가 제한적인 것에서 문제가 제기되고 있으므로 일부에서는 재개발 방법은 ICHI의 확장으로 되어야 한다는 주장이 있음.

1.7 Canadian Classification of Health Interventions (CCI)

A. 목적

- CCI는 CIHI (Canadian institute for health information, 캐나다보건정보연구소)가 이전에 사용하던 CCP (Canadian Classification of Diagnostic, Therapeutic and Surgical Procedures)와 ICD-9-CM 캐나다 버전의 행위부분을 대체하기 위해 개발한 자국의 시술에 대한 독창적인 분류체계로 캐나다의 환자군 분류체계인 CMG (Case Mix Group) 분류 및 보건의료 행위관련 각종 통계 자료 작성에 이용.
- CIHI는 캐나다의 보건의료 시스템과 캐나다인의 보건의료에 대한 필수적인 자료와 분석을 제공하는 독립적 비영리 조직.

B. 코드 구조

1) 분류 대상

- 입원 및 통원수술 환자의 수술적 및 비수술적 치료적 행위.
- 진단적 영상, 검사, 측정, 생검, 체내 검진(exploration)을 포함한 진단적 행위.
- 인지적, 정신과적 및 감각적 치료 행위, 일상생활 보조, 환경 평가 및 상담과 같은 기타 보건의료행위, 면역체계 강화를 위한 치료적 행위
- ※ CCI 분류 제외 대상: 검체 진단검사 및 조직병리검사와 보건의료 장치의 조립 및 제조.

2) 분류개수: 18,000여 개

3) 코드 길이 및 형식: 최대 10 자리 알파벳 숫자형 코드. 6 개 필드 (10 자리)로 구성.

4) 코드 사례:

1.GE.87.NZ-XX-A: Excision partial, Larynx, using autograft [e.g. cartilage]

5) 코드의 위계구조

- 1st axis: 의료행위 유형(Section)
- 2nd axis: 신체계통-해부학적 부위. 신체계통 및 해부학적 부위에 대하여 두 자리 알파벳 코드로 매우 세분되고 일관성 있는 체계가 구축되어 있음.
- 3rd axis: 의료행위(Concept 단위, e.g., excision) 2nd axis에 따라 달라짐.
- 3개의 Axis가 매우 견고하여 알파벳 색인 이외에도 2-3번째 축을 이용한 rubric finder(행위와 해부학을 이용한 교차표) 구성이 가능함.

표 14. CCI의 코드의 위계구조 예시

| 구분 | Rubric 코드 | | | Qualifier | | |
|----------------|-----------------|------------------------|----------------------|---------------|-------------------|----------|
| | 필드 1 | 필드 2 | 필드 3 | 필드 4 | 필드 5 | 필드 6 |
| 내용 | 섹션 (Section) | 블록/그룹 (Block/Group) | 행위 (Intervention) | 접근, 기법, 사유 | 이용된 장치, 약물, 방법 | 이용된 조직 |
| 자료유형 (자리 수) | A (1) | AA (2) | AA (2) | AA (2) | BB (2) | B (1) |
| 분류 예 | 1 | CA | 14 | ST - CD - R | | |
| | 1.CA.14.ST-CD-R | | | | | |

※ **루브릭 코드(Rubrics):** 처음 5 자리(필드 1, 2, 3)는 그룹과 섹션 내에서 행위 유형을 나타내는 코드. 예를 들어, '1.GE.89.^.^'는 'excision of total larynx'를 표현.

- 코드의 확장성: 섹션 구분을 제외한 코드의 각 자릿수는 알파벳숫자 혼용으로 자릿수별 고유한 의미를 유지하며 충분한 확장이 가능함.
- 신의료기술 분류의 수용성: 코드 갱신을 위한 사용자 의견 수렴하여 반영.
- 버전 관리: 매 2년 주기
- 사용 허용 기관: CIHI (캐나다 외 다른 나라에서의 사용은 허용되지 않음)
- CCHI의 산출물(ICD-10-CA와 CCI 등)을 소프트웨어에 적용하고자 할 경우 소프트웨어 개발업체는 CCHI와의 라이선스 계약 하에 이를 이용해야 하며, 이 라이선스는 3년 주기로 갱신하고 있음.

C. 비교

- 1) CIHI가 급성기 의료기관의 의무기록사를 교육하기 위한 모든 교육자료 개발하며, 코드를 찾을 때 책 대신 전자정보(electronic infobases)를 이용 - 자료는 상업적으로 구매 불가.
- 2) 분류체계와 관련한 교육이 온라인, 오프라인으로 시행되고 있으며, 수집된 자료의 질 관리를 위해 정기적으로 의무기록 재코딩 연구도 시행하여 그 결과를 환류하고 코딩지침 개발에도 활용함.
- 3) 분류체계는 일람표, 색인, 해부학적 그림, 코드구조에 대한 정보를 제공하는 부록으로 구성되어 있으며 코딩지침도 별책으로 운영함.

D. 시사점

- 1) 개발 당시부터 명확한 목표를 가지고 원칙 준수
 - 서비스 공급자 및 서비스 제공 환경에 독립적이며, 코드는 포괄성, 역동성, 확장 가능성, 합당성을 가져야 하며, 시술 관련 정보에 제한 적용하는 원칙의 준수.
 - 국제적 연결을 위한 국제적 분류 체계를 적극적으로 참조하여 최적의 체계를 개발.
- 2) 임상 자료의 정보로서의 가치 극대화를 가능하게 하는 도구임
 - 다축 구조로 확장에 유연하고 자료 분석에 강력한 솔루션 제공.
 - DRG 분류에 있어 비용 및 임상적 동질성은 매우 중요하며, 이는 질 높은 진단 및 행위분류에서 달성 가능한 바, ICD-10-CA 및 CCI는 CMG 분류를 전제로 개발되었음.
- 3) 전문가로 구성된 안정적인 관리운영 체계 및 지속적 질 관리
 - 퇴원환자 요약 DB (Discharge Abstract Database) 및 각종 질병 등록 시스템 등과 연계하여 국가 전체의 보건의료 정보의 질 높은 관리를 위해서는 체계적인 분류체계 개발 및 관리의 필요성이 있음을 인식함.
 - 자료 생성(EMR 프로그램 업체 관리), 자료 수집(DAD, 각종 질병 등록 DB) 및 연구 수행까지 이어지는 일련의 관리가 표준화된 분류체계 관리부터 시작된다는 것을 인식하고 관리함.
- 4) 매우 견고한 위계구조 구축
 - 신체계통 및 해부학적 구조, 의미 중심의 행위 용어 정리 등 코드 체계를 구성하고 있는 세부 요소가 모두 교차표로 제시될 정도로 매우 체계적이고 일관성 있음.
 - 위계구조를 이용한 색인(해부학 Diagram, Rubric finder)을 통해 이용자 편이 증진.

1.8 분류 체계 개발 시 주요 제안 및 고려 사항들

- A. 다축구조의 적용
- B. 대분류 기준 - 적정 수준의 치료/검사의 분류 기준 결정 (외래 및 검사 항목 포함)
- C. 전통적인 수술, 시술 및 치료 등의 행위명 vs. 일반명: 용어의 통일 및 표준화
- D. 일반적 진료 행위의 분류, 해부학적 구조의 분류
- E. 세부 조건의 적용 방안: 분류의 수준
- F. 진단명, 수행 환경, 수행자, 대상자 정보의 연계 필요성 혹은 방안 검토
- G. 기존 치료, 검사법의 새로운 분류 적용의 타당성 검증
- H. 단일 행위에 1가지 ID가 부여되도록 조정 필요: 단일 행위가 다수의 항목의 분류되거나 단일 ID에 다수의 행위가 분류되는 경우에 대한 보완 필요
- I. 새로운 시술의 추가 및 분류의 용이성/적절성
- J. 기존의 제안된 분류체계에 대한 차별성 및 수월성
- K. 분류 기준의 실무 적용 타당성: 분류과정의 복잡성, 재현성, 필요한 교육 시간, 코딩의 소요 시간 등
- L. 연구/통계 목적으로서의 유용성: 색인, 검색의 용이성, 수준/기준별 분류

※ 매우 체계적인 분류체제로 설계된 ICD10-PCS의 시스템을 기본 바탕으로 하되, CCI나 CPT 등 다른 주요 분류체계의 장점들을 반영하고, 국내 여건에 최적화되고 건강보험급여체계에 현실적으로 적용 가능한 독립적인 분류 체계를 개발하는 과정을 진행하여야 할 것으로 생각됨.

표 15. ICD-10-PCS 주요 부문 내 분류상 구현되어 있는 항목 수

| Section | Code # | | # | | # | | | | |
|--|--------|--|----|----------------|----|---------------------|------------------------|---------------------|-----------|
| medical and surgical | 61898 | body system | 35 | root operation | 31 | body part | approach | device | qualifier |
| obstetric | 300 | body system | 1 | root operation | 2 | body part | approach | device | qualifier |
| placement | 861 | anatomical region | 1 | root operation | 6 | body region/orifice | approach | device | qualifier |
| administration | 1388 | physiological system/ anatomical region | 3 | root operation | 3 | body system/region | approach | substance | qualifier |
| measurement and monitoring | 339 | physiological system | 2 | root operation | 2 | body system | approach | function/ device | qualifier |
| extracorporeal assistance and performance | 41 | physiological system | 1 | root operation | 3 | body system | duration | function | qualifier |
| extracorporeal therapy | 42 | physiological system | 1 | root operation | 10 | body system | duration | qualifier | qualifier |
| osteopathic | 100 | anatomical region | 1 | root operation | 1 | body region | approach | method | qualifier |
| other procedure | 60 | body system | 3 | root operation | 1 | body region | approach | method | qualifier |
| chiropractic | 90 | anatomical region | 1 | root operation | 1 | body region | approach | method | qualifier |
| imaging | 2934 | body system | 35 | root type | 5 | body part | contrast | qualifier | qualifier |
| nuclear medicine | 463 | body system | 35 | root type | 7 | body part | radionuclide | qualifier | qualifier |
| radiation therapy | 1939 | body system | 35 | root type | 4 | treatment site | treatment qualifier | isotope | qualifier |
| physical rehabilitation and diagnostic audiology | 1380 | section qualifier | 2 | root type | | body system/region | type qualifier | equipment | qualifier |
| mental health | 30 | body system | 1 | root type | 12 | type qualifier | qualifier | qualifier | qualifier |
| substance abuse treatment | 59 | body system | 1 | root type | 7 | type qualifier | qualifier | qualifier | qualifier |

2. 한국 의료행위 분류체계 분석

2.1 건강보험요양급여비용코드의 문제점(내과계)

A. 위계구조에 진료비 범주, 산정코드, 일부 해부학이 포함되는 등 일관성이 없어 확장이 어려움.

- 기본적으로 수가체계로 개발되었으므로 비용 범주를 대분류로 분류하였음. 비용 범주는 대부분 첫째 자리 문자로 결정되며, 기본적으로 첫째 자리가 대분류 번호를 결정하나 범주에 따라 둘째 자리에 따라 별도로 구분되는 경우가 있음
- 비용 범주 내에서 일부 신체 계통을 나타내는 경우도 있고, 여러 계통을 하나의 문자로 표시하며, 세부 해부학적 부위는 2-4째 자리 분류 번호에서 분류하지만 일관성이 없음

표 16. 건강보험요양급여비용코드의 구조

| 자리수 | 기본코드 | | | | | 확장코드 | | |
|-----|-----------------------|------------------|------------|---|------|-------|--------|---------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 구조 | 대분류 | 분류번호 | | | 일련번호 | 산정코드I | 산정코드II | 산정코드III |
| 내용 | 장 구분 | 급여 구분 (Z=비급여) | 일련번호(세부구분) | | | 의미I | 의미II | 의미III |
| | 해부학(일부, 비용 범주에 따라) | | | | | | | |

: 일관성 있게 적용되는 코드 체계를 만들어 기존 의료행위를 원칙을 가지고 분류하고 신의료행위를 확장하는 데 용이하도록 하는 것이 바람직 함.

- 앞 5 자리까지가 행위를 구분하는 기본 분류 코드이고, 행위를 시행하는 여러 가지 상황에 따라 가산 등 금액을 달리해야 할 경우 6-8째 자리에 세분하여 산정코드로 확장하였고, 주요 내용은 시간(야간, 공휴일 가산 등), 연령 구분, 수술 구분 등임.

: 산정 정보는 원칙적으로 행위에 대한 기본 정보가 아니므로, 이런 유형의 정보를 대부분의 외국 분류체계에서는 코드 자체에서 분류하기 보다는 청구 DB의 변수의 하나 즉, Attribute 또는 Modifier로서 관리하고 있음.

표 17. 건강보험요양급여비용코드 산정코드 예시

| 산정코드명 | 산정코드 의미 | 자리 수 | 코드 구분 |
|-------|---|-----------|--|
| 시간 | 야간, 공휴일... | 7 or 8 자리 | 야간 |
| 연령 | 6세 미만... | 6 or 7 자리 | 신생아 만1세 미만 만1세~만3세 미만 만8세 미만 ... |
| 시술자 | 전문의 | | |
| 수술 구분 | 주된 수술 제2의 수술 재수술(주된 수술) 재수술(제2의 수술) ... | | |
| 환자 상태 | | 1 | 뇌병변·지적·정신·자폐성장애인, 야간 |

- 급여 구분(급여, 100/100과 법정비급여)은 두 번째 자리를 이용하여 구분하고 있는데 건강보험 정책의 변화에 따라 급여 여부에 변화가 많으나 변화가 되어도 분류의 일관성을 위해 코드는 계속 유지하게 되어 이 코드의 급여구분 자리는 의미를 잃게 됨.

: 급여 구분도 또한 Attribute 또는 Modifier로 관리하는 것이 바람직 함.

B. 내과적 진료행위의 분류 중 외래진찰료, 입원료, 각종 관리료가 같은 분류 안에 체계 없이 나열되어 있음.

표 18. 건강보험요양급여비용코드 기본진료료 분류 예시

| 진료행위명 | | 대분류 | 분류번호 | 일련번호 |
|-----------|---|---------|---|--|
| 기본 진료료 | 진찰료 | AA | 1: 초진 2: 재진 | 4: 의원 5: 병원 6: 종합병원 7: 상급종합병원 9: 치과병원 0: 치과의원 |
| | | | 900: 시설 내 처방(의료급여) | |
| | 입원료 | AB | 1: 상급종합병원 2: 종합병원 3: 병원 4: 의원 5,6: 요양병원 | |
| | 응급의료관리료 | AC | 101-105 | |
| | 무균치료실입원료 | AD | 100-101 | |
| | 회송료 | AE | 100 | |
| | 낮병동입원료 | AF | 100-999 | |
| | 신생아입원료 | AG | 111-413 | |
| | 협진진찰료, 만성질환관리료, 감염전문관리료, 신종플루감염전문관리료 | AH | 500-900, 501 200 502-702 400 | |
| | 다학제통합진료료 집중영양치료료 | AI | 101, 102 600, 700 | |
| | 중환자실입원료 | AJ | 001-999 | |
| | 격리실입원료 | AK | 100-400 | |
| | 의약품관리료, 혈액관리료 | AL | 100-899 900 | |
| | 보육기 | AM | 100 | |
| | 가정간호기본방문료 | AN | 200-500 | |
| | 납차폐특수치료실입원료 | AQ | 600-905 | |
| | 정신건강의학과정액(의료급여) | AR | 100-999 | |
| | 식대(의료급여) | AS | 100-999 | |
| | 안치료(의료급여) | AT | 100 | |
| | 가정간호교통비 | AX | 100, 900(의료급여) | |
| 이송치료 | AY | 100-999 | | |
| 교육상담료 | AZ | 001-030 | | |

- 몇 가지 축을 두어 분류함으로써 새로운 내과적 진료행위가 있을 때 합리적으로 위치하게 하고 영역별 국가통계를 내고자 할 때도 효율적으로 되도록 하는 것이 바람직함.

예) 시행 장소: 외래/입원/응급실

2.2 건강보험요양급여비용코드의 문제점(외과계)

A. 수술 방법의 세분화가 안 되어 있다.

예) 위암 혹은 대장암 수술에서 림프절 절제 범위(D1, D2, D3), 위암 수술 후 소장과의 문합방법(BI, BII).

B. 같은 수술명이라도 그 안에서 이루어지는 구체적인 수술 내용이 다를 수 있는데, 이를 모두 하나의 코드로 묶어 버렸다.

예) 우반결장 절제술 vs. 좌반결장 절제술, 우반결장 절제술 시 partial omentectomy와 total omentectomy를 하는 경우 일련의 과정으로 동일 시술로 구분되며 같은 수가를 매김.

C. 하나의 코드로 일련의 수술 과정을 모두 묶어 놓아, 수술 과정상의 추가적인 시술에 대한 수가 청구가 어렵다.

예) 비뇨기과 방광암 수술 시 시행되는 ileal conduit에 대한 수가코드에서 일련의 모든 과정이 하나의 코드로 묶여 있어 장관 유착 및 방사선치료로 인한 소장 절제 및 문합이 외과 의사에 의해 시행되는 경우, 협진외의 수술에 대한 청구가 삭감. 흉부외과 식도암 수술 역시 위나 대장의 절제를 동반하지만, 외과 의사의 협진에 대한 청구는 삭감.

D. 수술 방법의 발전에 따른 적용이 어렵다. 외과 의사에 의해서 수술 방법이 발전하여도 수가코드에 따른 청구로서 보상되는 것이 아니고 수술기구의 재료대로서 보상됨.

예) Liver resection 시 시도하는 각종 maneuver - 재료대가 아닌 외과 의사에 의한 수술 방법의 발전.

E. 다른 부위의 시술이라도 같은 수술코드로 들어가서 서로 구분이 되지 않는다.

예) 종양적출술이라는 수술명과 코드는 복부와 흉부 또는 사지가 서로 수술 방법이나 난이도가 다를 수 있는데, 하나의 코드로 수가 청구됨.

F. 보험 적용이 어려운 시술의 경우 적용이 어렵다.

예) 복강경적 경향문 종양 절제술(TEM, TAMIS 등).

G. Coding system이 일관적이지 않다. 각 자리의 숫자들의 의미가 규칙성이 없고, 그때그때 미봉책으로 맞추어서 신설된다.

H. 새로운 수술법의 개발 등으로 인한 확장성이 떨어진다. 전문가 집단의 자문이 없으면, 만들어지기 쉽지 않아 적절한 시기에 이른 적용이 어려울 수 있다.

예) 내시경적 종양제거술이 도입되어 임상에서 standard treatment로 적용된 후, 몇 년이 지나서 코드화됨.

I. 위계가 없다.

3. 새 의료행위 분류체계(안)

3.1 코드 구조

A. 원칙

- **진단정보**는 되도록 코드 내용에 포함시키지 않는다.
- 행위 및 검사와 관련해 의학적인 의미에 차별성을 가지지 않고 **수가 산정 목적**으로만 필요한 분류 내용(주간/야간, 장애인 환자, 의료기관 종류, 전문의/비전문의 시행 등)은 기본 코드에 포함하지 않되, 필요시 기본코드 뒤에 **확장코드**로 기술한다.
- **완결성**: 실질적으로 구별되는 개별 행위 및 검사는 유일한 코드를 가진다.
- **확장성**: 새로운 행위 및 검사에 대해 고유의 코드를 손쉽게 부여할 수 있다.
- **표준화된 용어**: 항목 수가 많고 다양한 특성의 내용들이 포함된 검체검사나 기능검사 등을 제외한 나머지 영역에 대해서는 행위를 기술하는 용어의 의미를 정의한 표준용어를 사용한다.
- **다축 구조**: 각각의 자릿수(character)는 하나의 부문 내에서, 그리고 비슷한 성질의 부문끼리는 구조적으로 분류의 기능상 같거나 유사한 의미를 가진다.
- 건강보험요양급여비용 분류와 **호환성**이 있는 분류체계를 마련하여 실무 현장에서도 무리 없이 적용하여 사용 가능하도록 하며, 한글 표현 용어를 우선시하여 사용한다.
- 현 건강보험요양급여비용 분류에 포함된 항목 이외에도, 한 항목 내에 세부적인 내용(수술 기법, 검사 방법 등)을 구분하여 상세히 기술할 수 있도록 의학적 개념을 확대 적용한 포괄적인 분류체계를 제시하여 임상 현장에서 이루어지는 다양한 활동을 세밀히 잘 표현할 수 있도록 한다.

B. 기본코드

- 새 분류체계는 8 개의 영역(11 자리)으로 구성된 기본코드와, 3 개의 영역으로 구성된 확장코드로 이루어져 있다.
- 기본코드에는 의학적으로 유의미한 차별성을 가지는 내용을 기술한다.
- 기본코드의 첫 4 개 영역(6 자리)이 개별 행위/검사의 **기본적인 정체성**을 기술하는 지시문이 된다.
- 기본코드의 뒷 4 개 영역(5 자리)으로 개별 행위/검사의 **세부적인 내용**을 구분, 표현한다.
- 기본코드의 첫 4 개 영역과 뒷 4 개 영역 사이에 **마침표**를 찍어서 시각적으로 구분을 용이하게 한다.

표 19. 새 표준 의료행위 분류체계 코드 구조 예시(기본코드)

| 영역 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|----------|----------|-----------|-----------|-----------|-------------|----------|----------|
| 내용 | 대분류 | 중분류 | 소분류 | 행위/검사 | 기술/방법 | 접근경로/ 검체 | 수식자1 | 수식자2 |
| 표기 유형 (자리 수) | A (1) | A (1) | NN (2) | AN (2) | AN (2) | A (1) | A (1) | A (1) |
| 표기 예시 | A | B | 12 | C3 | D4 | E | F | G |
| AB12C3.D4EFG | | | | | | | | |
| A: 알파벳 대문자 A~Z 사용(와 O 제외). | | | | | | | | |
| N: 0~9 숫자 사용(표현해야 할 항목의 수가 많아져서 부족한 경우 알파벳 사용 확장 가능). | | | | | | | | |

- 알파벳 I, O는 숫자 1, 0과 유사하므로 사용하지 않는다.
- 특별히 구분하여 표현할 내용이 없는 경우 공통코드의 의미로 숫자 0을 사용한다(비고. ICD-10-PCD는 'Z', CCI는 '^' 사용함).

AB??C3.D4EFG ⇨ AB00C3.D4EFG

- 학술적인 관점에 의해서 선택 가능한 분류 항목들이 지정되어 있지만, 상황에 따라 포괄적인 광의의 개념으로 다루거나 수가 산정할 때 굳이 세부적인 내용을 구분하여 다를 필요가 없는 경우에도 0으로 표현한다.

RN24A1.00000 (처치 및 시술, 소화기계, 직장, 부분절제)
 RN24A1.D00000 (처치 및 시술, 소화기계, 직장, 부분절제, 직장종양절제술)
 RN24A1.D1000 (처치 및 시술, 소화기계, 직장, 부분절제, 직장종양절제술-경항문)
 RN24A1.D2000 (처치 및 시술, 소화기계, 직장, 부분절제, 직장종양절제술-경천골/방천골)
 RN24A1.D3000 (처치 및 시술, 소화기계, 직장, 부분절제, 직장종양절제술-복부접근)

C. 확장코드

- 분류의 내용이 학술적인 측면에서 연관성이 떨어지고 주로 수가 산정 목적으로 다루게 되는 회계요소들은 영역 9, 10, 11에서 확장코드로 표현한다.

표 20. 새 표준 의료행위 분류체계 코드 구조 예시(확장코드)

| 영역 | 7 | 8 | 9 | 10 | 11 |
|--|----------|----------|----------|--------------|-----------|
| 내용 | 수식자1 | 수식자2 | 급여/비급여 | 자유기술 기여변수 | 계산 및 회계요소 |
| 표기 유형 (자리 수) | A (1) | A (1) | N (1) | N (1) | ANAN...AN |
| 표기 예시 | 0 | 0 | 1 | 7 | A1B2 |
| AB12C3.D4000-17A1B2 | | | | | |
| A: 알파벳 대문자 A~Z 사용(I와 O 제외). N: 0~9 숫자 사용(표현해야 할 항목의 수가 많아져서 부족한 경우 알파벳 사용 확장 가능). | | | | | |

- 기본코드와 확장코드 사이에 '하이픈(-)'을 넣어서 구분하여 표현한다.
- **영역 9**는 급여/비급여 등을 표현하며, 특정 항목에 대한 코드를 **수가항목**으로 사용할 시 **항상 표기**한다.

AB12C3.D4000-1 (급여)
 AB12C3.D4000-2 (비급여)
 AB12C3.D4000-3 (신의료기술)

- 코드를 수가항목으로 사용할 시 영역 10과 11은 **필요한 경우에만 선택적으로 표기**한다. 영역 10은 **영역 9 뒤에 위치하는 한 자리 숫자/알파벳**, 영역 11은 **'알파벳-숫자로 이루어진 짝'**으로 시작하므로 구분할 수 있다.

AB12C3.D4000-1 (영역 9)
 AB12C3.D4000-17 (영역 9, 10)
 AB12C3.D4000-1A (영역 9, 10)
 AB12C3.D4000-1A1 (영역 9, 11)

AB12C3.D4000-17A1 (영역 9, 10, 11)

AB12C3.D4000-1AA1 (영역 9, 10, 11)

- 영역 10은 여러 항목에 공통적으로 적용 가능하지 않아 개별 항목에만 선택적으로 해당되는 분류 내용을 표현한다.

AB00C1.D2E00-11 (급여, < 1 cm, 제1범위)

AB00C1.D2E00-12 (급여, ≥ 1 cm, < 2 cm, 제1범위)

AB00C1.D2E00-23 (비급여, ≥ 2 cm, 제1범위)

AB00C1.D2E00-14 (급여, < 1 cm, 제2범위부터(1범위당))

AB00C1.D2E00-25 (비급여, ≥ 1 cm, < 제2범위부터(1범위당))

AB00C1.D2E00-26 (비급여, ≥ 2 cm, 제2범위부터(1범위당))

- 평일/휴일, 주간/야간, 응급, 의료기관 종류, 시술자 차이(전문의/비전문의)처럼 여러 항목에 공통적으로 적용 가능한 회계요소들은 영역 11에서 표현한다. 각 회계요소의 주제는 알파벳, 구체적인 내용은 숫자(알파벳)로 표현하며 이를 짝으로 묶어서 필요한 만큼 나열한다.

AB00C1.D2E00-17A1 (평일)

AB00C1.D2E00-17A2 (휴일)

AB00C1.D2E00-17B1 (주간)

AB00C1.D2E00-17A1B2 (평일, 야간)

AB00C1.D2E00-17B2C1 (야간, 응급)

AB00C1.D2E00-17B2C1D1 (야간, 응급, 전문의)

AB00C1.D2E00-17C1E1 (응급, 상급종합병원)

AB00C1.D2E00-17C1E2 (응급, 종합병원)

AB00C1.D2E00-17C1E3 (응급, 병원)

AB00C1.D2E00-17C1E4 (응급, 의원)

3.2 영역(field)별 세부 계획

A. 영역 1 (대분류)

- 한 자리 알파벳으로 표현되는 ‘대분류’로 현재 수가분류체계의 ‘장’과 개념적으로 유사하며, 현 수가분류 체계와의 호환성을 크게 훼손하지 않으면서 의료행위와 검사를 보다 더 효율적으로 분류하기 위해 현재의 ‘장’을 다음과 같이 18 개의 대분류로 재배치한다.
- 기본진료료, 투약 및 조제료, 약국약제비, 조산료, 보건기관 진료수가, 입원환자 식대는 ‘진료 및 관리’라는 영역 안에 모두 합쳐서 분류한다.
- 검사료 중에서 절에 해당되던 검체검사, 병리검사, 기능검사는 각각 별도의 대분류로 지정하며, 병리검사의 아절로 있던 분자병리검사는 ‘분자진단, 분자병리검사’라는 별도의 대분류로 배치한다.
- 검사료의 절에 해당되던 ‘내시경, 천자 및 생검, 초음파 검사’는 ‘진단적 내시경검사’, ‘천자 및 생검’, ‘초음파검사’라는 개별적인 대분류로 각각 분류한다.
- 영상진단 및 방사선치료료의 절 중에서 방사선단순영상진단료와 방사선특수영상진단료는 ‘영상의학검사’라는 대분류로 합쳐서 별도 배치한다. 나머지 절도 ‘핵의학영상검사 및 골밀도검사’와 ‘방사선치료’라는

별도의 대분류로 각각 배치한다.

- 주사료, 채혈 및 수혈료, 전혈 및 혈액성분제제료는 ‘주사, 수혈, 혈액성분치료’라는 대분류로 합쳐서 배치한다.
- 이학요법은 세부 내용을 더 잘 반영할 수 있도록 ‘이학요법 및 재활치료’로 명칭을 변경한다.
- ‘처치 및 수술료’ 중 산과 관련된 행위들은 ‘임신과 분만’이라는 새 영역으로 별도 분류하고, 중재적 방사선시술과 소화기 내시경하 시술처럼 영상 중재하 진행되는 치료적 행위들은 ‘중재적 시술’이라는 별도의 대분류로 배치한다.

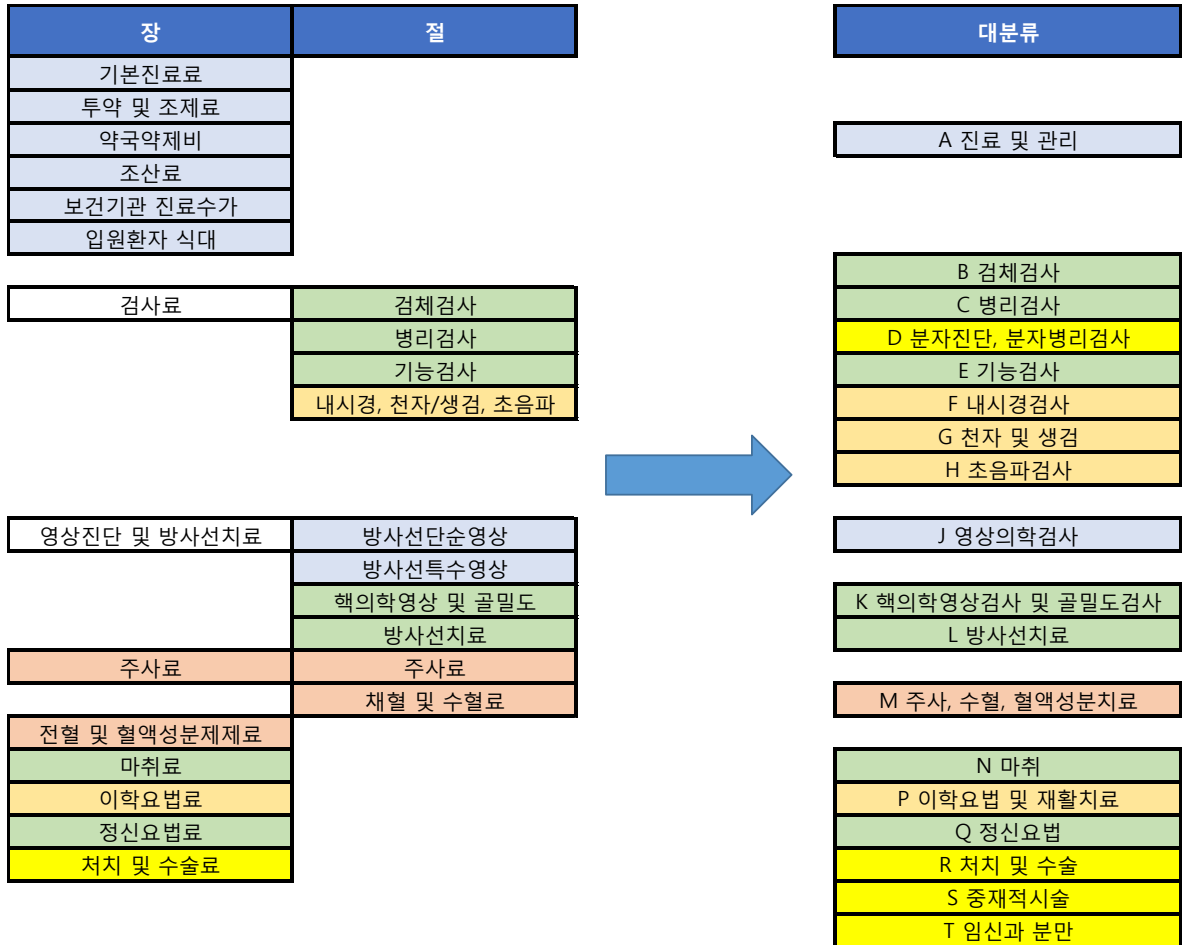


그림 1. 건강보험요양급여비용코드와 새 표준 의료행위 분류체계 대분류의 구조적 비교

B. 영역 2 (중분류) & 영역 3 (소분류)

- 영역 2는 한 자리 알파벳, 영역 3은 두 자리 숫자로 표현한다.
- 영역 2와 3은 분류 위계구조상 영역 1의 하위 개념이자 영역 4의 상위 개념이며, 동종(homogenous)의 성질을 지닌 항목들을 표현한다.
- 영역 2와 3은 해당 상위 대분류 내용에 따라 비해부학적/해부학적 분류의 개념으로 나뉜다.

1) **비해부학적 분류:** 상위 분류(영역 2) → 하위 분류(영역 3)

- 행위 및 검사의 내용 분류에 있어서 해부학적 개념의 적용이 효과적이지 않은 경우(생리학적 또는 학술

적 세부 분류 적용).

- 해당 대분류: 진료 및 관리, 검체검사, 병리검사, 분자진단, 분자병리검사, 기능검사, 마취, 재활치료, 정신요법, 임신과 분만.

EA****.***** (기능검사, 호흡기)

EC****.***** (기능검사, 평형 및 청각)

BA****.***** (검체검사, 수혈검사)

BQ****.***** (검체검사, 면역학-자가항체검사)

BR****.***** (검체검사, 면역학-조직적합성검사)

BR01**.***** (검체검사, 면역학-조직적합성검사, 교차시험)

BR02**.***** (검체검사, 면역학-조직적합성검사, HLA typing)

BR03**.***** (검체검사, 면역학-조직적합성검사, HLA 항체)

| 영역 1 (대분류) | 영역 2 (중분류) | 영역 3 (소분류) | 영역 4 (행위/검사) | 영역 5 (기술/방법) | 영역 6 (접근경로) | 영역 7 (수식자1) | 영역 8 (수식자2) |
|----------------|---------------|---------------|-----------------|-----------------|----------------|----------------|----------------|
| | 진찰 | | | | | | |
| 진료 및 관리 | 입원 | 세부분류 | 고유명사 | | 방문 횟수 | | |
| | 투약 및 조제 | | | | | | |
| | 관리항목 | | | | | | |
| 검체검사 | 학술적 계통 | 세부분류 | 고유명사 | 검사방법 | 검체종류 | 보고형태 | |
| 병리검사 | 학술적 계통 | 세부분류 | 고유명사 | 세부내용 | 부가요소 | | |
| 분자진단, 분자병리검사 | 학술적 계통 | 세부분류 | 고유명사 | 검사방법 | 검체종류 | 보고형태 | |
| 기능검사 | 생리학적 계통 | 세부분류 | 고유명사 | 세부내용 | 접근경로 | | |
| 내시경검사 | 해부학적 계통 | 해부학적 부위 | 표준용어 | 검사방법 | 접근경로 | | |
| 천자/생검 | 해부학적 계통 | 해부학적 부위 | 표준용어 | 검사방법 | 접근경로 | | |
| 초음파검사 | 해부학적 계통 | 해부학적 부위 | 표준용어 | 검사방법 | 접근경로 | | |
| 영상의학검사 | 해부학적 계통 | 해부학적 부위 | 표준용어 | 검사방법 | 조영제 | | |
| 핵의학영상검사 | 해부학적 계통 | 해부학적 부위 | 표준용어 | 핵종 | | | |
| 방사선치료 | 해부학적 계통 | 해부학적 부위 | 고유명사 | | | | |
| 주사, 수혈, 혈액성분치료 | 해부학적 계통 | 해부학적 부위 | 표준용어 | 주입성분 | 접근경로 | | |
| 마취 | 학술적 계통 | 세부분류 | 고유명사 | | | | |
| 이학요법 및 재활치료 | 학술적(해부학적) 계통 | 세부분류 | 고유명사 | | | | |
| 정신요법 | 학술적 계통 | 세부분류 | 고유명사 | | | | |
| 처치 및 수술 | 해부학적 계통 | 해부학적 부위 | 표준용어 | 세부내용 | 접근경로 | | |
| 중재적시술 | 해부학적 계통 | 해부학적 부위 | 표준용어 | 세부내용 | 접근경로 | | |
| 임신, 분만, 태아 | 임신주기, 태아 | 세부분류 | 고유명사 | | | | |

그림 2. 새 표준 의료행위 분류체계의 영역별 표기 내용 예시

2) **해부학적 분류:** 해부학적 계통(영역 2) → 해부학적 부위(영역 3)

- 행위 및 검사가 이루어진 구체적인 해부학적 부위에 대한 분류의 기술이 필요한 경우.
- 해당 대분류: 내시경검사, 천자 및 생검, 초음파검사, 영상의학검사, 핵의학영상검사 및 골밀도검사, 방사선치료, 주사, 수혈, 혈액성분치료, 이학요법, 처치 및 수술, 중재적시술.

| | |
|----------|-----------------------------|
| RA00**.* | (처치 및 수술, 중추신경계) |
| RL00**.* | (처치 및 수술, 호흡기계) |
| RP00**.* | (처치 및 수술, 간담도계) |
| RP01**.* | (처치 및 수술, 간담도계, 간) |
| RP05**.* | (처치 및 수술, 간담도계, 쓸개) |
| RP19**.* | (처치 및 수술, 간담도계, 췌장) |

표 21. 해부학적 계통에 따른 중분류 코드 예시

| 구분 | 계통(System) | 구분 | 계통(System) |
|----|--------------------------------------|-----|--|
| A | 중추신경계(Central nervous system) | S | 피부및조직과근막(Subcutaneous tissue and fascia) |
| B | 말초신경계(Peripheral nervous system) | T | 근육(Muscles) |
| C | 심장 및 대혈관(Heart and great vessels) | U | 힘줄(Tendons) |
| D | 상부 동맥(Upper arteries) | V | 윤활주머니 및 인대(Bursae and ligaments) |
| E | 하부 동맥(Lower arteries) | W | 머리 및 안면부 뼈(Head and facial bones) |
| F | 상부 정맥(Upper veins) | X | 상부 뼈(Upper bones) |
| G | 하부 정맥(Lower veins) | Y | 하부 뼈(Lower bones) |
| H | 림프 및 혈액(Lymphatic and hemic systems) | Z | 상부 관절(Upper joints) |
| J | 눈(Eye) | 1 | 하부 관절(Lower joints) |
| K | 귀, 코, 부비동(Ear, nose, sinus) | 2 | 비뇨기계(Urinary system) |
| L | 호흡기계(Respiratory system) | 3 | 여성생식기계(Female reproductive system) |
| M | 입과 목(Mouth and throat) | 4 | 남성생식기계(Male reproductive system) |
| N | 소화기계(Gastrointestinal system) | 5 | 해부학적 구역, 일반(Anatomical regions, general) |
| P | 간담도계(Hepatobiliary system) | 6 | 해부학적 구역, 상지(Anatomical regions, upper extremities) |
| Q | 내분비계(Endocrine system) | 7 | 해부학적 구역, 하지(Anatomical regions, lower extremities) |
| R | 피부 및 유방(Skin and breast) | (8) | (임신 산물(Products of conception)) |

표 22. 해부학적 계통에 따른 소분류 코드 예시(호흡기계)

| 코드 | 중분류(system) | 코드 | 소분류(body part) | 한글 명칭 |
|----|--------------------------|----|----------------------------------|------------------|
| L | 호흡기계(Respiratory system) | 01 | Upper airways | 상기도 |
| L | 호흡기계(Respiratory system) | 02 | Tracheobronchial tree | 기관기관지분지 |
| L | 호흡기계(Respiratory system) | 03 | Tracheobronchial tree, right | 기관기관지분지, 우측 |
| L | 호흡기계(Respiratory system) | 04 | Tracheobronchial tree, left | 기관기관지분지, 좌측 |
| L | 호흡기계(Respiratory system) | 05 | Tracheobronchial tree, bilateral | 기관기관지분지, 양측 |
| L | 호흡기계(Respiratory system) | 06 | Trachea | 기관 |
| L | 호흡기계(Respiratory system) | 07 | Carina | 용골, 용기 |
| L | 호흡기계(Respiratory system) | 08 | Main bronchus, right | 오른기관지, 우기관지 |
| L | 호흡기계(Respiratory system) | 09 | Upper lobe bronchus, right | 오른위엽기관지, 우상엽기관지 |
| L | 호흡기계(Respiratory system) | 10 | Middle lobe bronchus, right | 오른중간엽기관지 |
| L | 호흡기계(Respiratory system) | 11 | Lower lobe bronchus, right | 오른아래엽기관지, 우하엽기관지 |
| L | 호흡기계(Respiratory system) | 12 | Main bronchus, left | 왼기관지, 좌기관지 |
| L | 호흡기계(Respiratory system) | 13 | Upper lobe bronchus, left | 왼위엽기관지, 좌상엽기관지 |
| L | 호흡기계(Respiratory system) | 14 | Lingula bronchus | 혀구역기관지 |
| L | 호흡기계(Respiratory system) | 15 | Lower lobe bronchus, left | 왼아래엽기관지, 좌하엽기관지 |
| L | 호흡기계(Respiratory system) | 16 | Upper lung lobe, right | 오른위엽, 우상엽 |
| L | 호흡기계(Respiratory system) | 17 | Middle lung lobe, right | 오른중간엽 |
| L | 호흡기계(Respiratory system) | 18 | Lower lung lobe, right | 오른아래엽, 우하엽 |
| L | 호흡기계(Respiratory system) | 19 | Upper lung lobe, left | 왼위엽, 좌상엽 |

| | | | | |
|---|--------------------------|----|-----------------------|--------------|
| L | 호흡기계(Respiratory system) | 20 | Lung lingula | 허파혀 |
| L | 호흡기계(Respiratory system) | 21 | Lower lung lobe, left | 왼아래엽, 좌하엽 |
| L | 호흡기계(Respiratory system) | 22 | Lung apex | 허파꼭대기, 폐꼭대기 |
| L | 호흡기계(Respiratory system) | 23 | Lung | 폐, 허파 |
| L | 호흡기계(Respiratory system) | 24 | Lung, right | 폐, 허파, 우측 |
| L | 호흡기계(Respiratory system) | 25 | Lung, left | 폐, 허파, 좌측 |
| L | 호흡기계(Respiratory system) | 26 | Lungs, bilateral | 폐, 허파, 양측 |
| L | 호흡기계(Respiratory system) | 27 | Pleura | 가슴막, 흉막 |
| L | 호흡기계(Respiratory system) | 28 | Pleura, right | 가슴막, 흉막, 우측 |
| L | 호흡기계(Respiratory system) | 29 | Pleura, left | 가슴막, 흉막, 좌측 |
| L | 호흡기계(Respiratory system) | 30 | Diaphragm | 가로막, 횡격막 |
| L | 호흡기계(Respiratory system) | 31 | Diaphragm, right | 가로막, 횡격막, 우측 |
| L | 호흡기계(Respiratory system) | 32 | Diaphragm, left | 가로막, 횡격막, 좌측 |

표 23. 해부학적 계통에 따른 소분류 코드 예시(간담도계)

| 코드 | 중분류(system) | 코드 | 소분류(body part) | 한글 명칭 |
|----|----------------------------|----|--|---------------------------|
| P | 간담도계(Hepatobiliary system) | 01 | Liver | 간 |
| P | 간담도계(Hepatobiliary system) | 02 | Liver, right lobe | 오른간엽, 우간엽 |
| P | 간담도계(Hepatobiliary system) | 03 | Liver, left lobe | 왼간엽, 좌간엽 |
| P | 간담도계(Hepatobiliary system) | 04 | Liver and spleen | 간 및 지라(비장) |
| P | 간담도계(Hepatobiliary system) | 05 | Gallbladder | 쓸개(주머니), 담낭 |
| P | 간담도계(Hepatobiliary system) | 06 | Gallbladder and bile ducts | 쓸개(담낭) 및 쓸개관(담관) |
| P | 간담도계(Hepatobiliary system) | 07 | Gallbladder, bile ducts and pancreatic ducts | 쓸개(담낭), 쓸개관(담관) 및 이자관(췌관) |
| P | 간담도계(Hepatobiliary system) | 08 | Bile ducts | 쓸개관(담관) |
| P | 간담도계(Hepatobiliary system) | 09 | Biliary and pancreatic ducts | 쓸개관(담관) 및 이자관(췌관) |
| P | 간담도계(Hepatobiliary system) | 10 | Hepatic duct | 간관 |
| P | 간담도계(Hepatobiliary system) | 11 | Hepatic duct, right | 간관, 우측 |
| P | 간담도계(Hepatobiliary system) | 12 | Hepatic duct, left | 간관, 좌측 |
| P | 간담도계(Hepatobiliary system) | 13 | Cystic duct | 쓸개주머니관, 담낭관 |
| P | 간담도계(Hepatobiliary system) | 14 | Common bile duct | 온쓸개관, 총담관 |
| P | 간담도계(Hepatobiliary system) | 15 | Hepatobiliary duct | 간담도계 관 |
| P | 간담도계(Hepatobiliary system) | 16 | Ampulla of Vater | 바터팽대부 |
| P | 간담도계(Hepatobiliary system) | 17 | Pancreatic duct | 이자관(췌관) |
| P | 간담도계(Hepatobiliary system) | 18 | Pancreatic duct, accessory | 덧이자관, 부췌관 |
| P | 간담도계(Hepatobiliary system) | 19 | Pancreas | 이자, 췌장 |
| P | 간담도계(Hepatobiliary system) | 20 | Hepatobiliary system, all | 간담도계 전체 |

표 24. 해부학적 계통에 따른 소분류 코드 예시(비뇨기계)

| 코드 | 중분류(system) | 코드 | 소분류(body part) | 한글 명칭 |
|----|----------------------|----|----------------------|---------------|
| 2 | 비뇨기계(Urinary system) | 01 | Kidney | 콩팥, 신장 |
| 2 | 비뇨기계(Urinary system) | 02 | Kidney, right | 콩팥, 신장, 우측 |
| 2 | 비뇨기계(Urinary system) | 03 | Kidney, left | 콩팥, 신장, 좌측 |
| 2 | 비뇨기계(Urinary system) | 04 | Kidneys, bilateral | 콩팥, 신장, 양측 |
| 2 | 비뇨기계(Urinary system) | 05 | Kidney (transplant) | 이식콩팥(이식신장) |
| 2 | 비뇨기계(Urinary system) | 06 | Kidney pelvis | 콩팥깔때기, 신우 |
| 2 | 비뇨기계(Urinary system) | 07 | Kidney pelvis, right | 콩팥깔때기, 신우, 우측 |
| 2 | 비뇨기계(Urinary system) | 08 | Kidney pelvis, left | 콩팥깔때기, 신우, 좌측 |
| 2 | 비뇨기계(Urinary system) | 09 | Kidney, bladder | 콩팥(신장) 및 방광 |

| | | | | |
|---|----------------------|----|--------------------------------------|--------------------|
| 2 | 비뇨기계(Urinary system) | 10 | Kidney, ureter, bladder | 콩팥(신장), 요관, 방광 |
| 2 | 비뇨기계(Urinary system) | 11 | Kidney, ureter, bladder, right | 콩팥(신장), 요관, 방광, 우측 |
| 2 | 비뇨기계(Urinary system) | 12 | Kidney, ureter, bladder, left | 콩팥(신장), 요관, 방광, 좌측 |
| 2 | 비뇨기계(Urinary system) | 13 | Ureter | 요관 |
| 2 | 비뇨기계(Urinary system) | 14 | Ureter, right | 요관, 우측 |
| 2 | 비뇨기계(Urinary system) | 15 | Ureter, left | 요관, 좌측 |
| 2 | 비뇨기계(Urinary system) | 16 | Ureters, bilateral | 요관, 양측 |
| 2 | 비뇨기계(Urinary system) | 17 | Bladder | 방광 |
| 2 | 비뇨기계(Urinary system) | 18 | Bladder neck | 방광목 |
| 2 | 비뇨기계(Urinary system) | 19 | Urethra | 요도 |
| 2 | 비뇨기계(Urinary system) | 20 | Bladder and urethra | 방광 및 요도 |
| 2 | 비뇨기계(Urinary system) | 21 | Ileal diversion loop | 회장도관 요로전환 |
| 2 | 비뇨기계(Urinary system) | 22 | Ileal diversion loop, ureter, kidney | 회장도관 요로전환, 요관, 콩팥 |

C. 영역 4 (행위/검사)

- 영역 4는 한 자리 알파벳과 한 자리 숫자(또는 알파벳)으로 표현하며, 두 개의 캐릭터 조합이 하나의 의미를 나타낸다.
- 개별 행위 및 검사의 본질적인 정체성을 나타내는 핵심적 개념을 기술한다.
- 진료 및 관리, 검체검사, 병리검사, 기능검사 등: 항목 수가 많거나 다양하고 이질적인 특성의 내용들이 포함되어 있으므로 개별 항목을 지칭하는 **고유명사** 사용.

BA02C4.***** (검체검사, 수혈검사, 항원검사, **ABO 혈구형**)

BA02C5.***** (검체검사, 수혈검사, 항원검사, **ABO 아형**)

BA02C6.***** (검체검사, 수혈검사, 항원검사, **RhD**)

- 내시경검사, 천자 및 생검, 초음파검사, 영상의학검사, 핵의학영상검사, 주사, 수혈, 혈액성분치료, 처치 및 수술, 중재적시술: ICD-10-PCS처럼 행위를 기술하는데 분류체계에서 사용할 용어의 정의를 서술하여 의학적으로 표준화된 용어 목록 내의 **표준용어**로 기술.

RN09A1.***** (처치 및 수술, 소화기계, 항문, **부분절제**)

RN09A2.***** (처치 및 수술, 소화기계, 항문, **전절제**)

RN09G1.***** (처치 및 수술, 소화기계, 항문, **분할**)

RN09H1.***** (처치 및 수술, 소화기계, 항문, **복구**)

표 25. 진단 및 처치 관련 표준용어 목록(안)

| 코드 | 행위용어 | 정의 | 설명 | 사례 |
|----|-----------------|--|---|---|
| A1 | 부분절제(Excision) | 대치 없이 신체 부분의 일부를 잘라내는 시술 | | partial nephrectomy, liver biopsy |
| A2 | 전절제(Resection) | 신체 부분의 전부를 대치 없이 자르거나 잘라내는 시술 | | total nephrectomy, total lobectomy of lung |
| A3 | 절단(Detachment) | 상지나 하지의 전부 또는 일부를 잘라내는 시술 | 신체 부분에 대한 분류는 박리부위 로 하며, 박리되는 사지의 수준을 상세히 명시할 수 있는 경우 한정으로 표기함 | below knee amputation, disarticulation of shoulder |
| A4 | 추출(Extraction) | 힘으로 신체 부분의 전부 또는 일부를 잡아 빼거나 버기는 시술 | 진단 목적의 행위는 '생검'으로 표현 | dilatation and curettage, vein stripping |
| A5 | 파괴(Destruction) | 신체 부분의 전부 또는 일부를 에너지, 힘 또는 파괴물질을 이용하여 물리적으로 없애는 시술 | 신체 부분을 물리적으로 꺼내는 것은 아님 | fulguration of rectal polyp, cautery of skin lesion |

| | | | | |
|----|---------------------|---|--|---|
| B1 | 이식(Transplantation) | 비슷한 신체 부위의 전부 또는 일부의 위치 및 기능을 물리적으로 수행하게 하기 위하여, 다른 사람이나 동물로부터 얻은 생체 신체 부위의 전부 또는 일부를 넣는 기술 | 생체 신체부위가 얼어질 수도 있고 이식된 신체 부위가 그 기능의 전부 또는 일부를 수행할 수 있음 | kidney transplant, heart transplant |
| B2 | 재배치(Reposition) | 신체 부분의 전부 또는 일부를 정상 위치나 다른 적합한 위치로 옮기는 기술 | 신체 부분이 비정상 위치에서 또는 올바르게 기능하지 않는 정상위치에서 새로운 위치로 옮겨질. 신체 부분은 새로운 위치로 옮겨지기 위해 자르거나 찢어내질 수 있음 | reposition of undescended testicle, fracture reduction |
| B3 | 재부착(Reattachment) | 분리된 신체 부분의 전부 또는 일부를 정상 위치나 다른 적합한 위치에 다시 붙이는 것 | 혈관 순환이나 신경경로는 재구성될 수도 있고 아닐 수도 있음 | reattachment of hand, reattachment of avulsed kidney |
| B4 | 전이(Transfer) | 신체 부위의 전부 또는 일부의 기능을 대신하기 위해 신체 부위의 전부 또는 일부를 다른 위치로 옮기는 기술 | 전이된 신체 부위는 혈관 및 신경 공급이 연결되어 있는 상태임 | tendon transfer, skin pedicle flap transfer |
| C1 | 생검(Biopsy) | 진단 목적으로 신체의 일부를 취하는 것 | | |
| C2 | 배출(Drainage) | 신체 부분으로부터 액체 및 가스를 배출하거나 흘러나오게 하는 기술 | (주로 바늘을 사용하여) 경피적 방법에 의한 것은 '천자'로 표현 | incision and drainage |
| C3 | 분절(Fragmentation) | 신체 부분에 있는 고형질을 조각으로 깨는 기술 | 물리적인 힘(예: 수기, 초음파)을 직접 또는 간접으로 사용하여 고형질을 조각으로 깎고, 고형질은 생물학적 기능의 비정상적인 부산물이거나 이물일 수 있음. 고형질의 조각이 꺼내지는 것은 아님 | extracorporeal shockwave lithotripsy, transurethral lithotripsy |
| C4 | 적출(Extirpation) | 신체 부분으로부터 고형질을 깎아내거나 찢어내는 기술 | 고형질은 생물학적 기능의 비정상적인 부산물이거나 이물일 수 있음. 신체 부분이나 관모양 신체 부분의 내강에 깊숙이 박혀있을 수 있음. 고형질은 사전에 조각으로 깨져 있을 수도 있음. | thrombectomy, choledocholithotomy |
| C5 | 천자(Centesis) | 진단 또는 치료 목적으로 액체 및 가스를(주로 바늘을 사용하여) 경피적인 방법으로 흘러나오게 하는 것 | | thoracentesis |
| D1 | 시진(Inspection) | 신체 부분을 눈으로 또는 수기로 탐색하는 것 | 시각적 탐색은 광학 기구를 이용할 수도 있음. 수기 탐색은 직접 수행될 수도 있고 신체 층을 중재하면서 시행될 수도 있음. | diagnostic arthroscopy, exploratory laparotomy |
| D2 | 지도화(Map) | 전기적 자극의 경로를 표시하거나 신체 부분에서 기능적 영역을 표시하는 것 | 심장전도기전 및 중추신경계에만 적용 가능 | cardiac mapping, cortical mapping |
| E1 | 우회술(Bypass) | 관모양 신체 부분의 내용물의 경로를 변경하는 기술 | 신체의 내용물이 정상 경로의 아래쪽이나 비슷한 경로, 또는 비정상적인 경로나 다른 신체 부분으로 흐르도록 변경. 하나 이상의 문합술이 시행될 수 있으며, 장치의 사용을 동반할 수도 있음. | coronary artery bypass, colostomy formation |
| E2 | 제한(Restriction) | 관모양 신체 부분의 입구나 내강을 부분적으로 막는 기술 | 입구는 자연적인 입구이거나 인공으로 만들어진 입구일 수 있음 | esophagogastric fundoplication, cervical cerclage |
| E3 | 폐색(Occlusion) | 관모양 신체부분의 입구나 내강을 완전히 막는 기술 | 입구는 자연적인 입구이거나 인공으로 만든 입구일 수 있음 | fallopian tube ligation, ligation of inferior vena cava |
| E4 | 확장(Dilation) | 관모양 신체부분의 입구나 내강을 넓히는 기술 | 입구는 자연입구가 될 수도 있고 인공으로 만든 입구일 수도 있음. 강내 압력을 사용하여 관모양 신체 부분을 늘리기도 하고 관모양 신체 부분의 입구나 벽의 일부를 찢어내는 방법으로 수행됨. | percutaneous transluminal angioplasty, pyloromyotomy |
| F1 | 교정(Revision) | 오작동하는 장치의 일부나 전위된 장치의 위치를 가능한 정도까지 교정하는 기술 | 장치의 일부를 꺼내거나 넣음으로써 오작동하거나 전위된 장치를 교정하는 것을 | adjustment of pacemaker lead, adjustment of hip |

| | | | 포함 | prosthesis |
|----|----------------------------|--|---|--|
| F2 | 교체(Change) | 신체 부분으로부터 장치를 제거하거나, 같은 신체 부위에 동일하거나 비슷한 장치를 다시 넣어주는 시술로, 피부나 점막의 절개나 천자를 동반하지 않는 시술 | 모든 '교체' 행위에 대한 접근방법은 '외적'임 | urinary catheter change, gastrostomy tube change |
| F3 | 대치(Replacement) | 물리적으로 신체 부위의 전부 또는 일부의 위치 및 기능을 수행하는 생물학적 또는 합성 물질을 넣는 시술 | 신체 부위는 제거되거나 대치될 수도 있고, 물리적으로 근절될 수도 있고, 대치시술 동안 기능하지 않게 만들 수도 있음. 이전 대치시술에서 사용된 장치를 제거할 때는 '제거' 시술로 코딩. | total hip replacement, bone graft, free skin graft |
| F4 | 보충(Supplement) | 신체 부위 일부의 기능을 물리적으로 강화시키거나 증가시키는 생물학적 또는 합성 물질을 넣는 시술 | 생물학적 물질은 비생체이거나 생체이며 같은 사람의 것일 수 있음. 신체 부위가 이전에 대치된 것일 수 있으며 이 경우 '보충' 행위는 대치된 신체 부위의 기능을 물리적으로 강화하거나 증가시키기 위해 시행됨. | herniorrhaphy using mesh, free nerve graft, mitral valve ring annuloplasty, put a new acetabular liner in a previous hip replacement |
| F5 | 삽입(Insertion) | 생리적 기능을 모니터, 지원, 수행 또는 예방하기 위하여, 비생물학적 장치를 넣는 시술 | 물리적으로 신체 부분을 대신하는 것은 아님 | insertion of radioactive implant, insertion of central venous catheter |
| F6 | 제거(Removal) | 신체 부분으로부터 장치를 꺼내거나 떼어버리는 시술 | 피부나 점막을 절개하거나 천자하지 않고 장치를 꺼낸 후 비슷한 장치가 놓여진다면 해당 시술은 '교체'로 분류해야 할. 한편 장치를 꺼내는 시술은 '제거'로 분류. | drainage tube removal, cardiac pacemaker removal |
| G1 | 분할(Division) | 신체 부분을 분리하거나 횡단하기 위하여 신체 부분으로부터 액체나 가스를 빼내지 않은 상태에서 신체 부분을 베어 나누는 시술 | 신체 부분의 전부 또는 일부가 두개 이상의 부분으로 분리됨 | spinal cordotomy, osteotomy |
| G2 | 유리(Release) | 비정상적인 물리적 제약으로부터 신체 부분을 자유롭게 하는 시술 | 구속하는 조직의 일부를 제거할 수 있으나 신체 부분을 제거하는 것은 아님 | adhesiolysis, carpal tunnel release |
| H1 | 복구(Repair) | 가능한 정도까지 신체 부위를 정상 해부학적 구조와 기능으로 복구하는 시술 | 복구하는 방법이 다른 루트수술에 해당하지 않는 경우에만 사용됨 | colostomy takedown, suture of laceration |
| H2 | 조절(Control) | 시술 후 출혈을 멈추게 하거나 멈추도록 시도하는 시술 | 출혈부위는 특정 신체 부분이 아닌 해부학적 부위로 코딩됨 | control of post-prostatectomy hemorrhage, control of post-tonsillectomy hemorrhage |
| J1 | 변경(Alteration) | 신체 부분의 기능에 영향을 미치지 않고 원래 해부학적 구조가 변형되는 시술 | 주 목적은 외관을 개선하는 것 | face lift, breast augmentation |
| J2 | 생성(Creation) | 신체 부분의 기능을 대신하지 않는 새로운 생식구조물을 만드는 시술 | 성전환 수술에만 적용됨 | creation of vagina in a male, creation of penis in a female |
| J3 | 유합(Fusion) | 관절이 움직이지 않게 하기 위하여 관절 신체부분의 일부를 접합하는 시술 | 신체부분이 고정장치나 골이식 및 다른 매체에 의해 접합됨 | spinal fusion, ankle arthrodesis |
| K1 | 견인(Traction) | 먼 쪽에서 신체 부위에 당기는 힘을 주는 시술 | | |
| K2 | 고정(Immobilization) | 신체 부위의 움직임을 제한하거나 저지하는 시술 | | |
| K3 | 상처처치(Dressing) | 보호를 위해 신체 부위에 물질을 놓는 시술 | | |
| K4 | 압박(Compression) | 신체 부위에 압력을 가하는 시술 | | |
| K5 | 충전(Packing) | 신체 부위나 입구에 물질을 넣는 시술 | | |
| L1 | 생체외처리(in vitro processing) | 체외에서 수혈 전 혈액제제에 가해지는 조작 | | |
| L2 | 세척(Irrigation) | 세척 물질을 주입 | | |
| L3 | 수혈(Transfusion) | 혈액이나 혈액제제의 주입 | | |
| L4 | 주입(Introduction) | 치료적, 진단적, 영양보급, 생리적, 예방적 물질을 주입함. | | |

| | | | | |
|----|-------------------------------------|---|--|--|
| | | 혈액이나 혈액제제 제외 | | |
| L5 | 혈액성분치료(Blood collection, apheresis) | 치료 또는 공여 목적으로 혈액 전체 또는 혈액의 특정 성분을 취하는 것 | | |
| M1 | 감시(Monitoring) | 일정기간동안 생리적, 신체적 기능의 수준을 반복적으로 측정 | | |
| M2 | 측정(Measurement) | 어떤 시점에 생리적, 신체적 기능의 수준을 측정 | | |
| P1 | 보조(Assistance) | 체외 수단에 의해 생리적 기능의 일부를 떠맡음 | | |
| P2 | 복원(Restoration) | 체외 수단에 의해 원래의 상태로 생리적 기능을 되돌리거나 되돌리려고 시도함 | | |
| P3 | 수행(Performance) | 체외 수단에 의해 생리적 기능을 완전히 떠맡음 | | |
| Q1 | 감압(Decompression) | 체액의 용해되지 않은 가스를 체외로 제거 | | |
| Q2 | 광선요법(Phototherapy) | 광선을 이용한 체외 치료 | | |
| Q3 | 대기조절(Atmospheric control) | 기압과 구성물을 체외에서 조절 | | |
| Q4 | 온열치료(Hyperthermia) | 체온을 체외에서 올림 | | |
| Q5 | 자외선치료(Ultraviolet light therapy) | 자외선을 이용한 체외 치료 | | |
| Q6 | 저온치료(Hypothermia) | 체온을 체외에서 내림 | | |
| Q7 | 전자기치료(Electromagnetic therapy) | 전자기 광선을 이용한 체외 치료 | | |
| Q8 | 초음파치료(Ultrasound therapy) | 초음파를 이용한 체외 치료 | | |
| Q9 | 충격파치료(Shock wave therapy) | 충격파를 이용한 체외 치료 | | |
| QA | 정골의학적 치료(Osteopathic treatment) | 신체적 기능장애와 관련 질환을 제거하거나 완화시키기 위한 수기 치료 | | |
| QB | 지압요법(Chiropractic manipulation) | 해부학적 한계를 넘지 않는 한도내에서 관절이 생리학적인 운동범위를 넘어 움직이도록 통제된 미는 압력을 행사하는 수기 기술 | | |

표 26. 영상의학검사 표준용어 목록(안)

| 코드 | 행위용어 | 정의 |
|----|---------------------|--|
| R1 | 일반촬영 | X선을 투과시켜 환자의 내부구조를 영상화하는 검사 |
| R2 | 투시촬영 | 생체를 투과한 X선을 형광물질(형광판)에 맞추어 거기에 나타난 영상을 실시간으로 관찰하면서 진단하는 방법 |
| R3 | 전산화단층촬영 | X선을 이용하여 인체의 횡단면상의 영상을 획득하여 진단에 이용하는 검사 |
| R4 | Cone beam 전산화단층촬영 | 원추형으로 발산되는 형태의 X선 소스를 가지는 전산화단층촬영 검사 |
| R5 | 골밀도검사 | 이중 에너지 X선을 이용하여 골밀도를 측정하는 영상검사 |
| R6 | 정량적 전산화단층골밀도검사-QCT | 정량적 골밀도 측정을 위한 전산화단층촬영 검사 |
| R7 | 정량적 전산화단층골밀도검사-PQCT | 말초부위 (팔이나 다리)의 정량적 골밀도 측정을 위한 전산화단층촬영 검사 |
| R8 | 자기공명영상 | 강한 자기장 내에서 인체에 라디오파를 전사해서 반향되는 전자기파를 측정하여 영상을 얻어 질병을 진단하는 검사 |
| R9 | 초음파 | 초음파가 체내에서 반사되는 것을 이용하여 환자의 내부구조를 영상화하는 검사 |

표 27. 핵의학영상검사 표준용어 목록(안)

| 코드 | 행위용어 | 정의 |
|----|------------------------------|---|
| N1 | 핀홀(pinhole) | 체내 분포된 방사성의약품을 핀홀카메라를 이용하여 영상화하는 검사 |
| N2 | 평면영상(planar) | 체내 분포된 방사성의약품을 감마카메라를 이용하여 평면 영상화하는 검사 |
| N3 | 단일광자방출단층영상(SPECT) | 체내 분포된 방사성의약품을 감마카메라를 이용하여 단층 영상화하는 검사 |
| N4 | 단일광자방출단층영상/전산화단층영상(SPECT/CT) | 체내 분포된 방사성의약품을 감마카메라를 이용하여 단층 영상화하고 전산화단층영상과 융합한 영상 검사 |
| N5 | 양전자방출단층영상(PET) | 체내 분포된 방사성의약품을 양전자단층촬영술을 이용하여 단층 영상화하는 검사 |
| N6 | 양전자방출단층영상/전산화단층영상(PET/CT) | 체내 분포된 방사성의약품을 양전자단층촬영술을 이용하여 단층 영상화하고 전산화단층영상과 융합한 영상 검사 |
| N7 | 양전자방출단층영상/자기공명영상(PET/MRI) | 체내 분포된 방사성의약품을 양전자단층촬영술을 이용하여 단층 영상화하고 자기공명영상과 융합한 영상 검사 |
| N8 | 체내선량측정(dosimetry) | 체내 분포된 방사성의약품의 내부선량을 측정하는 방법 |
| N9 | 골밀도(densitometry) | 이중 에너지 X선을 이용하여 골밀도를 측정하는 영상검사 |
| NA | 섭취율(uptake rate) | 체내 분포된 방사성의약품을 체외 검출기를 이용하여 계수율을 정량화하는 검사 |
| NZ | 기타 | 체외에서 측정하는 기타의 방법 |

D. 영역 5 (기술/방법)

- 영역 5는 한 자리 알파벳과 한 자리 숫자(또는 알파벳)으로 표현하며, 영역 4와 달리 첫 번째 캐릭터와 두 번째 캐릭터는 각각 개별적인 의미를 나타낸다.
- 하나의 행위 또는 검사 안에서 세부적인 기술이나 방법에 차이가 있거나 기타 세부적으로 구분되는 내용을 서술함.

[진료 및 관리]

- AC01J1.**B0000** (투약 및 조제료, 외래환자, 조제, **외용약**)
 - AC01J1.**B1000** (투약 및 조제료, 외래환자, 조제, **외용약-내복약병용**)
- [방사선치료]
- L000C1.**A0000** (기본치료계획, **1문조사**)
 - L000C1.**B0000** (기본치료계획, **2문대향조사**)
 - L000L3.**D4000** (근접치료, **조직내치료-저선량률치료**)
 - L000L3.**D5000** (근접치료, **조직내치료-고선량률치료**)

[처치 및 시술]

- RN24A1.**D0***** (직장, 부분절제, **직장중양절제술**)
- RN24A1.**D1***** (직장, 부분절제, **직장중양절제술-경향문**)
- RN24A1.**D2***** (직장, 부분절제, **직장중양절제술-경천골/방천골**)
- RN24A1.**D3***** (직장, 부분절제, **직장중양절제술-복부접근**)

표 28. 검체검사 및 분자진단, 분자병리검사의 검사 원리에 따른 분류 및 코딩(안)

| [레벨(level)] (보험수가기준) | 화학측정법 | | 면역측정법 | | 분자진단측정법 | |
|-------------------------|--------------|--|------------------------------|--|------------------------------|---|
| 단계 | 특징 [코드] | [검사원리분류] (신의료기술분류기준) | 특징 [코드] | [검사원리분류] (신의료기술분류기준) | 특징 [코드] | [검사원리분류] (신의료기술분류기준) |
| I | 육안검사 [A0] | [A1] 화학반응 - 육안판정 [A2] Planar chromatography | 일반검사 [B1] 간이검사 [B2] | [B1] Particle agglutination [B2] Immunochemo- graphy assay | [C0] | |
| II | 장비측정 [D0] | [D1] 화학반응 - 장비측정 [D2] Anodic stripping voltametry [D3] Electrode method | 정밀검사 [E0] 정밀검사 [E5] | [E1] Turbidimetric immunoassay [E2] Enzyme immunoassay [E3] Chemiluminescent immunoassay [E4] Fluorescence immunoassay [E5] Radioimmunoassay | [F0] | [F1] Dot blot |
| III | 해석판독 [G0] | [G1] Column chromatography [G2] Mass spectrometry [G3] Atomic absorption spectrometry [G4] Inductively coupled plasma [G5] Electrophoresis [G6] Immuno-electrophoresis | 해석판독 [H0] | [H1] Neutralization test | PCR-basic 해석판독 [J0] | [J1] Basic target amplification [J2] Basic probe amplification [J3] Basic signal amplification |
| IV | 해석판독 [K0] | [K1] Immune fixation electrophoresis [K2] Extended chromatography | 해석판독 [L0] | [L1] Immunoblotting [L2] Immunofluorescent assay | PCR-extended 해석판독 [M0] | [M1] Nested PCR [M2] PCR-hybridization [M3] PCR-fragment analysis [M4] PCR-SSCP |
| V | [N0] | | 해석판독 [P0] | [P1] Flow cytometry | 해석판독 [Q0] | [Q1] MLPA [Q2] Microarray [Q3] Southern blotting [Q4] In situ hybridization |
| VI | [R0] | | [S0] | | 해석판독 [T0] | [T1] Pyrosequencing [T2] Sequencing |

E. 영역 6 (접근경로)

- 영역 6은 한 자리 알파벳으로 표현한다.
- 시술부위에 접근하는데 사용되는 접근 방법이나 기술을 정의한다.

표 29. 접근경로 목록(안)

| 코드 | 행위용어 | 정의 |
|----|-----------------------------------|--|
| A | 외적(external) | 피부나 점막에 직접 시행된 시술과 피부나 점막을 통해 외적 힘을 적용하여 간접적으로 시행되는 접근방법 |
| B | 개방적(open) | 시술부위를 노출시키기 위해 필요한 피부나 점막 및 다른 신체 층을 절개하는 접근방법 |
| C | 경피적(percutaneous) | 시술부위에 접근하기 위해 천자나 최소절개로 필요한 피부나 점막 및 다른 신체 층을 경유하여 기구를 삽입하는 접근방법 |
| D | 경피적 내시경적(percutaneous endoscopic) | 시술부위에 접근하기 위해 천자나 최소절개로 필요한 피부나 점막 및 다른 신체 층을 경유하여 기구를 삽입하고 시술부위를 시각화하는 접근방법 |

| | | |
|---|---|---|
| E | 경피적 내시경적, 로봇 (percutaneous endoscopic, robotic) | 시술부위에 접근하기 위해 천자나 최소절개로 필요한 피부나 점막 및 다른 신체 층을 경유하여 기구를 삽입하고 시술부위를 시각화하는 접근방법(시술 시행에 로봇의 보조를 받음) |
| F | 자연/인공 입구 경우 (via natural or artificial opening) | 시술부위에 접근하기 위해 자연 또는 인공 입구를 통해 기구를 삽입하는 접근방법 |
| G | 자연/인공 입구 경우 내시경적 (via natural or artificial opening endoscopic) | 시술부위에 접근하기 위해 자연 또는 인공 입구를 통해 기구를 삽입하고 시술부위를 시각화하는 접근방법 |
| H | 자연/인공 입구 경유하며 경피적 내시경적 보조를 동반한(via natural or artificial opening with percutaneous endoscopic assistance) | 자연 또는 인공 입구를 통해 기구를 삽입하고, 천자나 최소절개로 시술 수행에 있어 도움이 되는 필요한 피부나 점막 및 다른 신체 층을 통해 기구를 삽입하는 접근방법 |

○ 접근경로에 대한 서술을 적용하기 적절하지 않은 대분류에서는 해당 영역에 맞는 다른 내용을 기술함.

표 30. 영상의학검사 영역 6 (조영제) 목록(안)

| 코드 | 행위용어 | 정의 |
|----|---------------|--|
| A | 요오드조영제(정맥주사) | 정맥혈관주사를 통해 요오드 조영제 주입 |
| B | 요오드조영제(동맥천자) | 동맥천자 후 카테터를 유지시킨 후 이 경로를 통해 요오드 조영제 주입 |
| C | 요오드조영제(정맥천자) | 정맥천자 후 카테터를 유지시킨 후 이 경로를 통해 요오드 조영제 주입 |
| D | 요오드조영제(경피적) | 시술부위에 접근하기 위해 천자나 최소절개로 필요한 피부나 점막 및 다른 신체 층을 경유하여 요오드 조영제를 넣는 방법 |
| E | 요오드조영제(카테터) | 시술부위에 접근하기 해 기존에 가지고 있던 튜브 또는 인공 입구를 통해 요오드조영제를 주입 |
| F | 요오드조영제(관내) | 시술부위에 접근하기 위해 자연입구를 통해 요오드 조영제 주입 |
| G | 바륨조영제(관내) | 시술부위에 접근하기 위해 자연입구를 통해 바륨 조영제 주입 |
| H | 요오드 이중조영제(관내) | 시술부위에 접근하기 위해 자연입구를 통해 요오드 조영제와 공기를 이중으로 주입 |
| J | 바륨 이중조영제(관내) | 시술부위에 접근하기 위해 자연입구를 통해 바륨 조영제와 공기를 이중으로 주입 |
| K | 가돌리늄조영제(정맥주사) | 정맥혈관주사를 통해 가돌리늄 조영제 주입 |
| L | 가돌리늄조영제(경피적) | 시술부위에 접근하기 위해 천자나 최소절개로 필요한 피부나 점막 및 다른 신체 층을 경유하여 가돌리늄 조영제를 넣는 방법 |

표 31. 검체검사 및 분자진단, 분자병리검사의 영역 6 (검체 종류) 목록(안)

| 코드 | 검체 | 코드 | 검체 |
|----|--|----|--|
| A | 혈액(blood) | L | 체액(홍수/복수/관절액/심낭액/기타체액, body fluid) |
| B | 전혈(whole blood) | M | 조직(tissue) |
| C | 혈청/혈장 | N | 결석(stone) |
| D | 혈액세포 농축 또는 부유액(blood cell concentrate or suspension) | P | 처치 및 시술 관련액(procedure-related fluid) |
| E | 골수(bone marrow) | Q | 배양된 세균/진균(bacterial and fungal colony) |
| F | 제대혈(umbilical cord blood) | R | 배양된 항산균(ACB colony) |
| G | 비뇨생식기검체(uro-genital specimen) | S | 감염의심병변부위 및 유래물 |
| H | 소화기검체(digestive tract specimen) | T | 양수(amniotic fluid) |
| J | 뇌척수액(CSF) | U | 정액(semen) |
| K | 구강/기도/호흡기검체(oral-respiratory specimen) | V | 기타(other specimen) |

F. 영역 7, 8 (수식자)

- 영역 7, 8은 한 자리 알파벳으로 표현한다.
- 수식자(한정어)로 개별 항목의 다양한 양상을 세부적으로 나누어 기술.

[진료 및 관리]

| | |
|--------------|---------------------------------------|
| AC04J1.A00A0 | (약국약제비, 조제, 내복약, <u>처방전에 의한</u>) |
| AC04J1.B00A0 | (약국약제비, 조제, 외용약, <u>처방전에 의한</u>) |
| AC04J1.B10B0 | (조제, 외용약-내복약 병용, <u>처방전에 의하지 않은</u>) |

[검체검사, 분자진단검사]

| | |
|--------------|---------------------|
| B*****.***A* | (검체검사, <u>정성</u>) |
| B*****.***B* | (검체검사, <u>반정량</u>) |
| B*****.***C* | (검체검사, <u>정량</u>) |
| B*****.***D* | (검체검사, <u>서술</u>) |

[핵의학영상검사 및 골밀도검사]

| | |
|---------------|-------------------------------|
| K*****.*****A | (핵의학영상검사 및 골밀도검사, <u>기능</u>) |
| K*****.*****B | (핵의학영상검사 및 골밀도검사, <u>관류</u>) |
| K*****.*****C | (핵의학영상검사 및 골밀도검사, <u>환기</u>) |
| K*****.*****D | (핵의학영상검사 및 골밀도검사, <u>밀도</u>) |

[주사, 수혈, 혈액채집]

| | |
|--------------|-------------------------------------|
| MC21L3.H1FA0 | (수혈, 조혈모세포, 골수, 입구경유, <u>자가</u>) |
| MC21L3.H1FB0 | (수혈, 조혈모세포, 골수, 입구경유, <u>동종</u>) |
| MC21L3.H2FA0 | (수혈, 조혈모세포, 말초혈액, 입구경유, <u>자가</u>) |
| MC21L3.H2FB0 | (수혈, 조혈모세포, 말초혈액, 입구경유, <u>동종</u>) |

제4장 고찰

1. 고찰 및 연구의 한계

1.1 영역 1 (대분류)

이상적인 형태의 분류체계라면 각 영역의 위계구조가 뚜렷해야 하고, 같은 등급의 영역에 속하는 항목끼리 서로 상호 배타적이며 ‘격’이 맞아야 할 것이다. 캐나다의 CCI처럼 여러 종류의 진단 목적 의료행위를 ‘진단 행위(Diagnostic interventions)’와 ‘진단적 영상행위(Diagnostic imaging interventions)’로 분류하는 방법이 간결하고 직관적인 분류 방법의 예로 볼 수 있다. 건강보험요양급여비용 항목 중 ‘기본진료료’, ‘투약 및 조제료’, ‘약국약제비’, ‘조산료’, ‘보건기관 진료수가’, ‘입원환자 식대’를 ‘진료 및 관리’라는 대분류로 통합하여 효율성을 높인 부분도 있지만, 이번 연구결과에서 제시된 대분류 항목이 상기 관점에서 볼 때 아주 이상적이고 간결한 형태라고 평가하기는 어려울 수 있다. 이번 연구결과에서 ‘검사료’의 하위 구조인 절로 분류되던 ‘검체검사’, ‘병리검사’, ‘기능검사’, ‘내시경, 천자 및 생검, 초음파검사’를 대분류로 배치하고, ‘내시경검사’, ‘천자 및 생검’, ‘초음파검사’도 각각 별도의 대분류로 지정하는 등 서로 ‘격’이 다를 수 있는 비교적 많은 수의 대분류를 두고 있는데, 이는 크게 두 가지 이유 때문이다.

첫째, 의료행위 분류체계를 새로 고안하는 출발점에서 의료행위의 대분류를 백지에서 새로 구상했다면 CCI처럼 직관적이고 간결한 형태의 대분류를 제안할 수 있었겠지만, 현 건강보험요양급여비용과의 호환성을 고려해야 하는 국내 실정 때문에 이상적인 모습과 현실 사이에서 어느 정도 타협을 할 수 밖에 없었다. 새 의료행위 분류체계 코딩 시스템 상의 대분류가 기존 건강보험요양급여비용의 장 구분에 비해 내용적으로 너무 틀어지거나 세부 항목들이 많이 뒤섞이게 되면 새 코딩 시스템을 활용하는 과정에서 실무적으로 큰 혼선이 발생할 가능성이 있다. 또한, 기존의 행위 급여·비급여 목록의 장 안에 포함된 내용들이 공통적으로 수가 가산 또는 감소를 받기도 하는 점 때문에 여러 진료과 간 이해관계가 복잡하게 얽혀 있는 국내 배경도 고려해야 했다. 예를 들어 ‘초음파검사’ 같은 경우 ‘영상의학검사’ 대분류 안에 포함되는 것이 더 합리적일 것이다. 그러나 기존의 ‘방사선단순영상료’와 ‘방사선특수영상료’는 영상학과만 주로 해당되는 항목들이지만 ‘초음파검사’의 항목들은 영상학과 뿐만 아니라 다양한 진료과에서도 시행되는 항목들이 포함되어 있어 별도의 대분류로 배치하게 되었다. 다른 예로, 기존의 ‘이학요법료’ 안에 크게 이학요법과 재활치료라는 서로 구분되는 영역의 내용이 포함되어 있는데 이학요법은 해부학적인 개념이 적용되지만 재활치료는 그렇지 않다. 따라서 뒤에 따라오는 중분류의 동질성 측면에서 이학요법과 재활치료를 각각 별도로 배치하는 것이 분류체계의 위계구조상 합리적일겠지만, 앞서 언급한 수가와 관련된 정책결정과정 때문에 하나의 대분류 안에 포함시켰으면 좋겠다는 해당 진료과의 의견을 반영하여 그대로 두었다. 물론 새로운 분류체계에 따른 코딩시스템을 적용하여 개별 항목에 대한 새 코드가 기존의 EDI 코드를 대체하여 활용될 경우라 하더라도, 새 코드는 어디까지나 개별 항목의 정체성을 나타내는 새로운 의사소통의 도구일 뿐이다. 기존 건강보험요양급여비용 목록에 따른 장 구분을 유지하면서 EDI 코드만 새 코딩 시스템에 따른 코드로 대체하여 사용하거나, 수가정책결정과정에서 필요에 따라 특정 행위들을 별도의 그룹으로 지정하여 관리할 수도 있다. 본 연구의 목적은 의료행위를 분류하고 코드를 부여하는 것에 대한 새로운 방식을 도출하는 것이지, 연구결과가 그대로 수가분류목록 자체가 될 이유는 없기 때문이다. 다만, 연구 진행 과정에서 이 점을 혼동하는 것과 관련된 feedback 의견이 많아서 이를 최대한 반영하였다.

둘째, 본 연구에서 제시한 의료행위 분류체계는 제 외국의 분류체계와 달리 진단검사의학과, 핵의학과, 병리과에서 시행하는 모든 검체검사와 병리검사를 비롯하여 여러 진료과에서 시행하는 다양한 기능검사를 포함해야 한다는 점에서 큰 차이가 있다. 분류체계의 위계구조상 하나의 대분류에 속하는 항목들은 뒤따르는 중분류와 소분류의 내용과 구조가 동질성을 지녀야 한다. 내시경검사, 영상의학검사, 처치 및 수술과 같은 항목들은 해부학적인 개념의 적용이 가능하지만, 검체검사, 병리검사, 기능검사는 이러한 접근이 합리적이지 않아 개별적인 특징에 적합한 중분류와 소분류를 사용해야 하므로 각각 별도의 대분류로 배치해야 한다. 또한, 병리검사의 아절로 분류되던 분자병리검사 항목들은 진단검사의학과와 병리과에서 모두 시행하는데, 병리과보다 진단검사의학과에서 시행하는 종목의 수가 많아 병리검사의 하위구조로 분류되는 것이 부적절하다는 의견이 학회 차원에서 그동안 제기되어 왔다. 이에 분자병리검사 항목들을 ‘분자진단, 분자병리검사’라는 별도의 대분류로 배치하였다. 그러나 HLA 유전형검사처럼 검체검사에 속하면서 분자진단기법을 활용하는 검사들이 존재하므로, ‘분자진단, 분자병리검사’라고 특정한 검사원리에 의존하는 의미를 대분류의 제목으로 배치하는 것은 학술적인 측면에서 볼 때 합리적이지 않다(이는 내시경검사, 천자 및 생검, 초음파검사도 마찬가지다). 한편, HBsAg, 호르몬검사, 종양표지자검사처럼 진단검사의학과와 핵의학과에서 모두 시행하는 종목의 경우 현재 ‘검체검사’ 안에 포함되는데 진단검사의학과에서 EIA, CIA, TIA 등의 검사 원리를 사용하는 반면 핵의학과에서 시행하는 경우 검사법이 방사선동위원소를 이용하는 radioimmunoassay (RIA)인 것으로 구분된다. 이와 유사하게 ‘분자진단, 분자병리검사’ 항목들은 의뢰된 검체의 종류가 다를 뿐(진단검사의학과는 주로 혈액, 병리과는 주로 조직) 핵산 추출 후 시행되는 검사 과정은 대부분 진단검사의학과와 병리과가 근본적으로 차이가 나지 않는다. 따라서 ‘분자진단, 분자병리검사’ 항목들을 RIA 기반 검사와 마찬가지로 ‘검체검사’로 모두 분류하고 검체 종류의 차이로 어느 과에서 시행하는지를 구분하는 방법이 학술적인 측면에서 합리적일 것이다. 그러나 이는 앞서 언급한 것처럼 보험수가와 관련된 국내 의료제도 특성상 각 진료과 간에 이해관계가 부딪히는 부분이라 ‘분자진단, 분자병리검사’를 별도의 대분류에 배치하는 것으로 제안하였다.

1.2 영역 2 (중분류) & 영역 3 (소분류)

영역 2와 영역 3에는 해부학적인 분류가 적용될 수 있는데, 본 연구에서는 ICD-10-PCS의 분류를 우선시하여 참고하였다. ICD-10-PCS는 body system의 분류 개수가 section마다 차이가 나는데, 가장 많은 medical and surgical의 경우 31개의 분류를 두고 있다. 본 연구에서도 중분류에 해부학적 계통을 구분하는 경우 한 자리 캐릭터로 표현 가능한데, 영역 3이 두 자리 숫자로 표현되므로 이를 육안적으로 편리하게 구분하기 위해 되도록 I와 O를 제외한 24개의 알파벳만을 사용하는 것을 목표로 염두에 두었다. 그러나 ICD-10-PCS의 분류를 그대로 사용하고자 할 경우 body system의 수가 31개이므로 중분류에 불가피하게 숫자를 알파벳과 혼용하던가 body system의 수를 24개 이하로 단순화하여 정리하는 과정이 필요하다. ICD-10-PCS의 경우 body system과 body part 모두 한 자리로 표현해야 하므로 하나의 body system 안에 최대 34개(숫자 0-9, 알파벳 I와 O제외)의 body part를 포함할 수 있다. 하나의 body system 안에서 표현 가능한 body part의 수가 34개로 제한되므로, 다양한 해부학적 구조물들을 코딩하기 위해 심장 및 대혈관(heart and great vessels), 상부 동맥(upper arteries), 하부 동맥(lower arteries), 상부 정맥(upper veins), 하부 정맥(lower veins), 상부 뼈(upper bones), 하부 뼈(lower bones), 상부 관절(upper joints), 하부 관절(lower joints) 등 body system이 다소 지나치게 세분화된 측면이 있다. 또한 피부밑조직과 근막(subcutaneous tissue and fascia), 근육(muscles), 힘줄(tendons), 윤활주머니 및 인대(bursae and ligaments)처럼 연부조직에 대한 분류도 매우 구체적으로 나누어져 있는데 국내 환경에서 이러한 접근 방법

이 실무적으로 적합한지 검토가 필요하다. 반면, 본 연구결과에서는 해부학적 부위인 영역 3이 두 자리 숫자로 표현되므로, ICD-10-PCS와 비교할 때 상대적으로 큰 확장성을 가진다. Body part를 표현할 때 두 자리 숫자를 사용하므로 공통코드인 '00'을 제외하면 01-99까지 총 99개의 항목을 하나의 body system 안에서 분류할 수 있다. 하나의 해부학적 계통 안에 상대적으로 많은 수의 해부학적 부위를 포함할 수 있으므로, 기존 ICD-10-PCS의 분류를 잘 조정하면 body system을 24개 이하로 충분히 정리할 수 있을 것이다.

해부학적 분류와 관련된 또 다른 문제는 body part의 기술 방법이다. ICD-10-PCS의 분류에서는 body part를 좌우 구분 없이 표현하는 것보다는 오른쪽과 왼쪽을 구분하여 기술하는 경우가 일반적이다. 예를 들어 'patella, right'와 'patella, left'는 목록에 있지만 'patella'는 별도로 표기되지 않는다. 우심방, 우심실, 좌심방, 좌심실처럼 좌우에 따라 분명한 기능에 차이가 있거나, 폐엽처럼 좌우가 구조적으로 다른 경우에는 좌우의 구별이 분명 필요하겠지만, 모든 해부학적 구조물에 대해서 실무적으로 반드시 좌우 구분이 필요한지에 대해서는 이견이 있을 수 있다. 일부 구조물에 대해서는 좌우뿐만 아니라 'bilateral'로 표현되기도 하는데 어떤 항목들이 이러한 표현이 필요한지 검토가 필요하다. 일부 건강보험 수가항목들은 동일한 행위를 편측/양측으로 했는지에 따라서 수가를 다르게 매기기 위해 별도의 코드로 분류된 것들도 있는데, 편측/양측의 구분을 새로운 코딩 시스템에서 해부학적 부위에 별개의 코드를 두어서 분류할 것인지 아니면 기본코드가 아닌 확장코드에서 회계요소로 처리할 것인지 큰 틀에서 방향을 먼저 설정할 필요가 있을 것이다. 좌, 우, 양측에 따른 구분 이외에 복수의 해부학적 구조물들을 묶어서 하나의 개별 코드를 부여하는 경우도 있다. 이는 내시경적역행성담체관조영술(ERCP)처럼 특정한 행위가 복수의 구조물을 대상으로 하는 경우에 이를 하나의 코드로 표현하기 위해서 필요하다. 또한 현 건강보험요양급여비용 항목 중에서 의학적으로 동일한 행위이지만 그 대상으로 하는 해부학적 부위를 임의적으로 여러 개를 짝을 지어서 구분하여 서로 다른 수가를 책정한 경우도 많다. 관절절개생검술(나-860)의 경우 해부학적 부위에 따라 C8601, C8602, C8603, C8604처럼 임의의 구

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| 나-860 | 관절절개생검술 Arthrotomy with Biopsy |
| C8601 | 가. 견관절, 고관절, 천장관절 Glenohumeral Joint, Hip Joint, Sacroiliac Joint |
| C8602 | 나. 주관절, 슬관절 Elbow, Knee Joint |
| C8603 | 다. 완관절, 족관절 Wrist, Ankle Joint |
| C8604 | 라. 기타부위 Others |

조물에 대해서 서로 다른 수가를 산정하고 있다. C8601의 경우 '견관절', '고관절', '천장관절'에 해당하는 개별적인 코드를 활용하여 3개의 동일한 수가를 가진 항목으로 나누어 표현하던가, 지금까지 하나의 항목으로 유지하려면 '견관절, 고관절, 천장관절'이라는 그룹에 대한 별도의 해부학적 코드를 마련해야 한다. 그러나 후자의 경우 수가 산정 정책이 변동되면 기존에 생성해두었던 해부학적 구조물 그룹 코드가 불필요해지거나 새로운 그룹 코드가 또 필요해지는 상황이 반복될 수밖에 없다. 따라서 수가 항목 개수가 늘어나더라도 전자의 경우처럼 각 body part에 따른 개별적인 코드를 활용하여 기존 항목을 나누어 표현하고, ERCP처럼 해당 행위가 복수의 구조물과 의학적으로 반드시 관련이 있는 경우에만 선별적으로 복수의 구조물에 대한 개별 코드 항목을 부여하는 접근 방식이 더 합리적일 것이다. 본 연구에서 기존 건강보험요양급여비용 목록을 새 분류체계로 따라 검증하는 과정에서 ICD-10-PCS의 body part 목록에 없어 신설이 필요한 부위들도 여러 개 있음을 확인할 수 있었는데, 복수의 해부학적 구조물을 위한 개별 코드와 기존 목록에 없는 항목 중 어떤 것들이 더 추가되어야 할 것인지 충분한 검토 과정을 통해서 점검이 필요할 것으로 예상된다.

'해부학적 구역(anatomical region)'에 대한 코드도 정리 작업이 필요한 부분이다. ICD-10-PCS body

절하게 통폐합하여 정리하는 복잡하면서도 중요한 검토 과정이 필요하다. 그러나 본 연구에서는 연구 기간 및 인력 여건상 이러한 검토 과정을 완수하기 어려운 한계가 있었다. 기존 ICD-10-PCS의 해부학적 분류 목록 전체, right, left 구분을 하지 않는 서술 형태의 항목, 건강보험요양급여비용 검증 과정에서 신설이 필요했던 항목들을 추가한 목록을 별책부록에서 확인할 수 있다. 개별 부위에 대한 코드는 위에서 언급한 이유로 현재 임의로 부여하는 것이 큰 의미가 없어 지정하지 않았다.

1.3 영역 4 (행위/검사)

영역 4는 코드를 부여하는데 있어서 까다로운 점들이 많다. ‘처치 및 수술’이나 ‘영상의학검사’처럼 표준용어로 의료행위를 기술할 수 있는 대분류에서는 영역 4에서 분류되어야 할 용어의 수가 많지 않다. 영역 4에 할당된 두 자리 캐릭터로 수백여 개의 조합이 가능하므로, 해당 대분류에서 사용되는 영역 4에 대한 코드를 부여할 때 이 목록을 영역 1 코드에 종속시켜도 충분히 분류해야 할 것들을 모두 구분하여 표현할 수 있다. 즉, 영역 4의 코드가 영역 1에 종속되어 있으므로 해당 대분류 내에서는 영역 2와 3 코드가 달라져도 영역 4의 코드는 일정한 의미를 지닌다. 아래 예시처럼 처치 및 수술(R) 대분류에서는 해부학적 부위가 달라져도

[표준용어, 처치 및 수술]

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| RL23A1.***** | (호흡기계, 폐, 부분절제) |
| RN09A1.***** | (소화기계, 항문, 부분절제) |
| RP01A1.***** | (간담도계, 간, 부분절제) |

(폐, L23; 항문, N09; 간, P01) A1이라는 코드는 항상 ‘부분절제’라는 의미를 나타낸다. 이는 표준용어라는 개념의 본질상 영역 2, 3의 코드가 순서상으로는 영역 4보다 먼저 오지만, 영역 4에서 행위를 기술하는 용어가 위계구조상 영역 2, 3의 코드가 의미하는 해부학적 분류(표준용어가 사용되는 대분류에서 중분류와 소분류는 모두 해부학적 분류가 적용된다)의 하위 개념이 아닌 점과 개념적으로 그 맥을 같이 한다. ICD-10-PCS도 이러한 특징을 보이는데 하나의 section (field 1)에서 사용되는 root operation (field 3)의 목록은 고정되어 있으며 해당 section 안에서는 field 3에 앞서는 field 2 (system)가 달라져도 개별적인 field 3 (root operation) 코드의 의미는 일정하다. 그러나 영역 4에 고유명칭을 사용하는 경우 하나의 대분류 내에서 표현해야 할 종목의 수가 표준용어를 사용하는 것에 비해 많아질 수밖에 없다. 대분류 내 항목을 모두 구분하여 기술하기 위해서 ‘검체검사’는 수천 개의 개별적인 영역 4 코드가 필요할 수 있다. 이 경우 영역 4에 대한 코드를 부여할 때 이 목록을 영역 1 코드에 종속시키면 두 자리 캐릭터로는 모든 항목들을 다 구분하여 표현할 수가 없다. 따라서 불가피하게 영역 4의 코드를 영역 1, 2의 조합에 종속시키거나, 그래도 부족한 경우 영역 1, 2, 3의 조합에 종속시켜 전체 표현 가능한 항목의 수를 확장할 수밖에 없다. 즉, 같은 대분류 내라 할지

[고유명사, 검체검사]

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| BA02A1.***** | (수혈검사, 항원검사, 혈액형검사 - ABO 혈구형) |
| BD01A1.***** | (출혈·혈전검사, 선별검사, PT) |
| BK01A1.***** | (임상화학 - 호르몬검사, 뇌하수체기능검사, ACTH) |

라도 영역 2(또는 영역 2와 3) 코드가 달라지면 영역 4 코드의 의미가 달라지는 것이다. 앞서 기술한 표준용

어가 사용되는 대분류와 달리 고유명사가 사용되는 대분류에서는 많은 경우 영역 2, 3의 코드가 의미하는 내용이 영역 4에서 기술하는 행위/검사 명칭과 위계구조상 상하종속적인 관계에 있다는 점도 역시 맥락이 유사하다. 분류체계 코딩 시스템 전체로서 바라본다면 영역 4를 비롯한 하위 요소의 코드 부여 규칙이 대분류에 따라 유동적인 것보다는 동일한 원리에 의해 코드가 일괄적으로 부여되는 양상이 분명 더 이상적이겠으나, 분류의 특성상 서로 성질이 매우 다른 검사와 각종 시술을 하나의 코딩 시스템 안에 모두 포함해야 하는 점 때문에 한계가 있다.

한편 ‘진료 및 관리’나 ‘방사선치료’ 대분류의 경우 행위를 기술하는데 표준용어를 쓰지 않고 고유명사를 사용하지만, 전체 목록을 분류하는데 필요한 영역 4 코드의 수는 수십 개면 충분하다. 이는 두 자리 캐릭터로 충분히 전체 항목에 대해 구분이 가능하므로, ‘검체검사’처럼 영역 4의 코드를 영역 1, 2의 조합에 굳이 종속시키지 않고 표준용어를 사용하는 경우처럼 해당 대분류 안에서 영역 2, 3에 상관없이 고정된 방식으로 영역 4 코드를 부여할 수도 있다. 이처럼 표준용어를 사용하지 않는 대분류의 경우 영역 4 항목들에 대해 코드를 부여할 때 전체 항목을 구분하기 위해 필요로 하는 코드의 수가 각각 조금씩 다르다. 이들에 대해 전부 ‘검체검사’처럼 영역 4의 코드를 영역 1, 2의 조합에 종속시키면 표준용어를 사용하지 않는 대분류끼리는 그나마 코드 부여 규칙에 있어서 일관성을 유지할 수 있으므로, 코딩 시스템 전체로 보았을 때 영역 4에 있어서 표준용어/고유명사 적용에 따라 이원화된 체계를 운용하는 셈이 된다. 하지만 이럴 경우 영역 4 코드의 종류를 많이 필요로 하지 않는 특정 대분류는 영역 2마다 몇 개 되지 않는 수의 행위들을 기술하기 위해 A1, A2, B1, B2, C1, C2처럼 정렬 순서상 앞에 오는 코드들만 상대적으로 반복 사용하게 되어, 해당 대분류의 코드 활용 및 배분이라는 측면에서 전체적으로 보면 비효율적인 단점이 있다. 반대로, 고유명사를 사용하는 개별 대분류마다 필요로 하는 영역 4 코드의 수를 감안하여 선택적으로 영역 4 코드를 영역 1에 종속시키면, 코드 자원은 낭비 없이 사용하겠지만 자칫 매우 혼잡한 형태의 코딩시스템으로 전락할 수 있다. 이 점은 ICD-10-PCS나 CCI처럼 검체검사 및 병리검사를 포함하지 않는 외국 의료행위 분류체계와 비교했을 때, 건강보험요양급여비용 목록과의 호환성을 고려해야 하는 국내 환경의 근본적인 차이에서 비롯되기 때문에 코드 부여 시 많은 검토가 필요할 것이다. 의료행위 및 검사의 내용을 분류하여 목록을 세우는 것과 한정된 수의 코드로 개별 행위 및 검사를 구분하여 이를 체계적으로 표현하는 것은 전혀 다른 성질의 일이기 때문이다. 또한, 하나의 대분류 안에 필요로 하는 영역 4 코드의 수가 적다는 점은 다르게 생각하면 그 행위들을 구조적으로 잘 배치하면 소수의 새로운 표준용어로 다시 정리할 수 있는 여지가 있다고 볼 수 있다. ‘기능검사’는 ICD-10-PCS root operation 중 measurement 또는 monitoring과 연관성이 높지만 다양하고 복잡한 검사 종목들을 measurement 또는 monitoring 용어만으로 구분하려면 결국 영역 5 또는 그 이하에서 어디선가 개별성을 나타내는 역할을 수행해야 하므로 영역 4 코드를 비효율적으로 사용하는 셈이 될 수가 있다. 그러나 ‘방사선치료’, ‘이학요법 및 재활치료’, ‘정신요법’, ‘임신과 분만’은 잘 다듬으면 충분히 표준용어 체계로 코딩 용어를 정비할 수 있는 가능성이 있으므로, 향후 이를 지향점으로 생각하여 재분류를 검토하는 과정이 수행되면 좋을 것으로 생각한다.

영역 4 코드를 어디에(영역 1 또는 영역 1, 2의 조합) 종속시킬 것인가 뿐만 아니라, 분류된 행위/검사들을 대상으로 어떤 순서로 어떻게 코드를 할당할 것이지도 매우 고민스러운 일이다. ICD-10-PCS에서는 해당 section에서 사용되는 root operation 용어를 단순히 알파벳에 따라 정렬하여 숫자 0부터 알파벳 Z 순서로 한 자리 캐릭터로 된 코드를 부여하였다. CCI는 ICD-10-PCS와 달리 행위를 의미하는 코드에 두 자리 숫자를 사용하는데 코드를 부여한 결과를 보면 어떤 특정한 규칙을 찾기가 어려우며, 일부 유사한 행위들은 임의로 인접한 숫자에 배치한 것 같은 의도가 추정되는 정도이다. 본 연구에서는 영역 4에 두 자리 캐릭터를 할당하였고, 첫 번째 캐릭터는 알파벳, 두 번째 캐릭터는 숫자와 알파벳(숫자를 먼저 사용하고 모자라는 경우 알파

벳 활용)을 사용하는 것을 제안하였다. 첫 번째 캐릭터에 알파벳을 사용함으로써 두 자리 숫자로 표현되는 영역 3 코드와 쉽게 구분할 수 있고, 두 번째 캐릭터에는 알파벳보다 숫자를 우선 사용하여 영역 4와 마찬가지로 첫 번째 캐릭터에 알파벳을 사용하는 영역 5 코드의 시작과 되도록 구분될 수 있도록 하였다.

실제 코드를 부여하는 순서나 원칙을 정하는 일도 많은 고민이 따른다. 대분류마다 사용되는 영역 4 항목에 한글 순서에 따라 일괄적으로 코드를 부여하는 단순한 방법이 있을 수 있다. 0은 단독으로 사용될 경우 공통코드 또는 공백의 의미로 활용되는데, 영역 5는 첫 번째 캐릭터와 두 번째 캐릭터가 각각 개별적인 의미를 나타내기 때문에, A0와 A1의 활용이 아래 직장종양절제술의 예시처럼 명료한 편이다. 그러나 영역 4는 두 자리 캐릭터가 조합으로 하나의 의미를 지니는데, 영역 4의 첫 코드를 A0 또는 A1로 할 것인지 혼란스

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| RN24A1.D0*** | (직장, 부분절제, 직장종양절제술) |
| RN24A1.D1*** | (직장, 부분절제, 직장종양절제술-경향문) |
| RN24A1.D2*** | (직장, 부분절제, 직장종양절제술-경천골/방천골) |

러울 수 있다. 또한 A0 또는 A1에서 시작하여 A2부터 A9까지 사용 후 AA로 넘어가서 AZ까지 채워서 사용할 것인지, A9까지만 우선 사용 후 B0 또는 B1으로 넘어갈 것인지, 아니면 A9까지 사용하지 않고 여유가 있다면 그전에 임의로 A5나 A6로 중간에 끊어서 B0 또는 B1으로 넘어갈 것인지, B0(B1)이 아니라 간격을 두어서 C0(C1)나 D0(D1)로 이어갈 것인지 등 여러 방법이 가능하다. 그러나 단순한 한글 순서보다는 대분류마다 적용 가능한 개념적인 원칙에 따라 순서를 세우고 코드를 부여하는 접근방법이 더 바람직할 것으로 생각한다.

행위 표준용어 코딩 시스템과 관련된 또 다른 문제는 하나의 수가 코드에 여러 단계의 root operation이 복합적으로 시행되는 경우다. 아래 건강보험요양급여비용 목록의 예시처럼 신체의 일부분을 잘라낸 후 이를

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| 자-131 | 기관 또는 기관지 종양제거술 Excision of Tracheal or Bronchial Tumor |
| | 가. 경부접근 Cervical Approach |
| O1311 | (1) 기관절제 및 재건술 Segmental Resection and End-to-End Anastomosis |
| O1312 | (2) 기관절제 및 성형술 Segmental Resection and Tracheoplasty |
| | 나. 흉부접근 Thoracic Approach |
| O1313 | (1) 기관(지) 절제 및 재건술 Segmental Resection and End-to-End Anastomosis |
| O1314 | (2) 기관(지) 절제 및 성형술 Segmental Resection,Tracheoplasty (Bronchoplasty) |
| O1317 | (3) 기관분기부 절제 및 재건술 Resection and Reconstruction of Carina |

기능적으로 복구하는 시술의 경우, ‘잘라내는 것’과 ‘기능적 복구’ 두 가지를 개별적인 행위로 본다면 코드를 두 개로 나누어서 분류해야 한다. 만약 새 코딩 시스템에서 이를 어떻게든 하나의 코드로 표현하고자 한다면, 두 가지 정도 방법을 생각해볼 수 있다. 하나는, ‘잘라내는 것’과 ‘기능적 복구’처럼 복수의 root operation 중에서 더 중요도가 높다고 판단되는 행위만을 영역 4에 배치하고, 나머지 내용은 영역 5, 7, 8에서 이에 종속된 부가적인 세부분류로 처리하는 방법이다. 둘째는 행위 코드 신설인데, 복수의 해부학적 구조물을 묶어서 개별적인 코드를 부여하는 것처럼 복수의 행위 표준용어를 묶어서 별도의 코드를 부여하거나, 해당되는 특정 표준용어의 연속적인 시행이 이루어지는 상황에 대한 새로운 표준용어 자체를 신설하는 것이다. 이 중에서 코드를 나누어 분류하는 것이 가장 코딩 시스템의 일관성과 원칙을 훼손하지 않는 것이라 볼 수 있다. 복수의

행위를 종속관계로 설정하거나 복수의 행위를 묶어서 별도의 코드를 신설하는 과정들은 원칙을 세우기가 상당히 애매할 수 있으며, 자칫 매우 조잡한 형태의 분류체계가 될 수도 있다. 어떤 방법이 최선이라고 단언할 수는 없지만 이에 대한 문제도 분명 짚고 넘어가야 할 것이다.

본 연구에서는 ICD-10-PCS에서의 행위 표준용어 목록을 참고해 몇 가지 용어를 새로 추가하여 전체 목록을 마련한 후, 유사한 의미를 지닌 용어들끼리 그룹을 지어 영역 4 첫 번째 캐릭터 알파벳을 부여하고, 동일 알파벳 그룹 내에서 한글 순서에 따라 영역 4 두 번째 캐릭터를 숫자 1부터 순서대로 부여하였다. 그러나 기능적으로 유사하여 동일 그룹 안에 있다 하더라도 한 그룹 내의 행위들이 같은 대분류 안에서만 사용되는 것은 아니다. ‘초음파(Ultrasonography)’는 ‘일반촬영’, ‘투시촬영’, ‘전산화단층촬영’과 성질이 유사하여 같이 R 그룹에 지정하였지만, 초음파는 ‘영상의학검사’가 아닌 ‘초음파검사’라는 별도의 대분류에서 사용된다. ‘세척(irrigation)’, ‘수혈(transfusion)’, ‘주입(introduction)’도 치료적 물질을 투여한다는 의미에서 같은 L 그룹에 지정하였지만, 세척은 ‘처치 및 시술’, 수혈은 ‘주사, 수혈, 혈액성분치료’, 주입은 ‘주사, 수혈, 혈액성분치료’와 ‘마취’에서 사용된다. ICD-10-PCS는 시행 진료과 상관없이 철저하게 행위를 그 본질적인 성질에 따라서 과학적으로 분류하였지만, 건강보험요양급여비용 목록과의 호환성을 어느 정도 감안할 수밖에 없는 본 연구의 한계라고 생각한다.

1.4 영역 5 (기술/방법)

ICD-10-PCS는 매우 과학적이고 체계적인 분류시스템이지만 개별 행위의 세부적인 내용을 자세히 분류하고 기술하는 데에는 다소 부족한 측면이 있다. Gastrectomy를 예로 들자면 approach에 따른 구분 외에 세부적으로 분류 가능한 내용은 partial, total, vertical (sleeve) 정도일 뿐, 코드의 활용이 제한되어 있어 수술의

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|---------|---|
| ODB6**Z | Excision, stomach, no qualifier (Partial gastrectomy) |
| ODT6**Z | Resection, stomach, no qualifier (Total gastrectomy) |
| ODB6**3 | Excision, stomach, vertical (Sleeve gastrectomy) |

구체적인 방법이나 내용에 대해서는 더 자세히 다룰 수 있는 여지가 많지 않다. 이는 각 코드가 의미하는 바가 뚜렷하고 명확히 사전에 정의되어 있기 때문이다. 어떤 분류시스템의 코드에서 다루는 내용이 구조적으로 위계나 질서가 뚜렷하면 상세한 부분까지 표현하기 어려울 수 있고, 반대로 매우 구체적인 내용까지 반영하려면 코드의 수가 많아지거나 제한된 수의 코드에 의미를 부여하는 방법이 복잡하고 일관성이 떨어지기 마련이다. 본 연구 과정에서 ICD-10-PCS보다 의료행위의 세부적인 내용을 더 표현할 수 있도록 코딩 시스템의 개발 방향을 설정하자는 의견이 많았는데, 코딩 시스템의 구조를 설정할 때 정돈된 모습의 제한된 규칙성과 세부 내용을 표현하는 자율성 사이에서 적절한 타협점을 찾는 것이 상당히 어려웠다. 영역 5는 이러한 고민이 가장 많이 담긴 부분이다. 영역 3과 4가 더 많은 수의 항목들을 구분하기 위해 두 자리 캐릭터로 표현된다는 점을 제외하면 코딩 시스템에서 사용하는 전체 field의 수는 ICD-10-PCS가 7개, 본 연구결과는 8개로 1개 차이만 날 뿐이며, 본 연구의 코딩 시스템에서 추가된 영역이 바로 영역 5이다. 특히, 영역 4와 영역 5가 모두 두 자리 캐릭터로 표현되지만, 영역 4는 두 자리 캐릭터가 조합으로 하나의 의미를 나타내는 반면, 영역 5는 두 자리 캐릭터에 각각 개별적인 의미가 부여되는 차이가 있다. 즉, 영역 5는 행위/검사의 세부적인 기술/방법을 표현하는 하나의 영역이긴 하지만 내부적으로는 이원화된 구조로 두 가지 축의 의미를 표현할 수 있는 것이다. 이 경우 영역 5의 캐릭터에 0을 사용하는 경우 해당 자리는 공통코드로 공란 처리된 것으로 받

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|--------------|------------------------------|
| L000C1.A0000 | (기본치료계획, <u>1문조사</u>) |
| L000C1.B0000 | (기본치료계획, <u>2문대향조사</u>) |
| L000L3.D4000 | (근접치료, <u>조직내치료-저선량률치료</u>) |
| L000L3.D5000 | (근접치료, <u>조직내치료-고선량률치료</u>) |

아들일 수 있다. 물론 많은 수의 방사선헌종을 구분해야 하는 핵의학영상검사처럼 해당 대분류의 특성에 맞게 필요에 따라서 두 개의 캐릭터를 조합으로 하여 하나의 의미를 부여할 수도 있다.

| | |
|--------------|------------------------------------|
| K*****.C1*** | (핵의학영상검사, <u>C-11 methionine</u>) |
| K*****.F1*** | (핵의학영상검사, <u>F-18 FDG</u>) |
| K*****.F2*** | (핵의학영상검사, <u>F-18 fluoride</u>) |
| K*****.T3*** | (핵의학영상검사, <u>Tc-99m DMSA</u>) |

영역 5에 대해 코드를 부여하는 것은 영역 4와 마찬가지로 해당 대분류에서 각 행위를 구분하는데 필요로 하는 항목들의 수가 많은지 또는 적은지, 영역 5에서 다루는 내용의 의미가 이에 순서상 앞서는 영역 4 (또는 영역 1, 2, 3, 4의 조합)와의 관계가 종속적인지 독립적인지에 따라서 고민스러운 선택을 해야 한다. ‘치료 및 시술’에서의 영역 5는 각 해부학적 부위에 어떤 특정한 행위를 시행할 때에 한해서 이를 묘사하는 종속적 관계에 놓인 경우가 많고, 표현해야 하는 항목의 다양성이 많기 때문에 영역 5의 코드 목록을 영역 1, 2, 3, 4의 조합에 종속시키는 것 외에는 다른 선택이 없다. 반면, ‘검체검사’ 대분류에서는 검사원리에 따른 분류 목록에서 해당되는 등급을 선택하여 코드를 부여하면 되기 때문에 영역 5 코드를 영역 1에 종속시킬 수 있다.

1.5 영역 6 (접근경로)

영역 6은 ICD-10-PCS의 approach를 참고하였으며, 영역 4에 표준용어가 사용되는 대부분의 대분류에서 행위/검사의 접근경로를 의미한다. ICD-10-PCS의 approach 목록에 없는 한 가지를 더 추가하였는데, 최근 시행이 증가하고 있는 외과계에서의 로봇수술을 표현하는 항목이다. 로봇수술의 특징을 영역 5 또는 영역 7, 8에서 표현하는 것보다, ‘경피적 내시경적(percutaneous endoscopic)’ 외에 추가로 ‘경피적 내시경적, 로봇(percutaneous endoscopic, robot)’이라는 새로운 항목으로 기술하는 것이 적절하다고 판단하였다. 연구 과정에서 ‘경피적’이라는 용어의 어감 때문에 ‘개방적’ 접근의 상대적 개념으로 ‘최소 침습적 절개’를 추가하는 것에 대한 제안이 있었다. ‘경피적(percutaneous)’ 분류의 경우 ICD-10-PCS의 정의에 따르면 “Entry, by puncture or minor incision, of instrumentation through the skin or mucous membrane and any other body layers necessary to reach the site of the procedure”이라고 설명되어 있는데, 이는 ‘minor incision’, 즉 ‘최소 침습적 절개’ 방법을 내포하고 있다고 볼 수 있다. 그러나 ‘경피적’ 외에 ‘최소 침습적 절개’를 추가할 경우, ‘경피적 내시경적’, ‘경피적 내시경적, 로봇’, ‘자연/인공 입구 경유 경피적 내시경적 보조를 동반한’ 등 경피적 개념이 포함된 나머지 항목들을 어떻게 처리할지 애매하고 approach가 지나치게 복잡해질 수 있는 단점이 있어 우선 제외하였다.

일반적인 진단 및 치료 과정에서의 접근경로 목록 외에 해당 대분류의 특징에 맞게 다른 방식으로 사용된

경우도 있다. 중재적시술 대분류에서는 별도의 특성화된 접근경로 목록을 차용하였다. 시술의 특성상 대부분의 행위들이 ‘경피적’ 또는 ‘인공/자연 입구 경유’에 해당이 되는데, ‘trans-arterial’, ‘trans-venous’, ‘trans-biliary’처럼 보다 세부적인 구분 방법을 적용하였다. ‘영상의학검사’에서는 영역 6에 조영제를 어떤 방법으로 사용하는지 기술하였고, ‘검체검사’ 및 ‘분자진단, 분자병리검사’에서는 검체 종류를 표현하도록 하였다. 반면, 정신요법 대분류처럼 특별히 사용할 필요가 없어서 영역 내에서 전체 공란 처리된 경우도 존재한다. 영역 6의 코드는 순서상으로는 후순위에 위치하는 편이지만, 모든 대분류에서 일관되게 오로지 영역 1 코드에 만 종속된다.

1.6 영역 7, 8 (수식자)

영역 7, 8은 ICD-10-PCS에서 일반적으로 device (ICD-10-PCS에서의 device라 함은 시술 과정에서 사용되는 method 측면에서의 device가 아니고, 시술 후 몸 안에 남는 장치를 의미한다)와 qualifier를 의미하는 field 6, 7과 유사한 기능을 수행하는데, 개별적인 행위 또는 검사를 구분하는데 있어서 영역 1-6에서의 분류 내용만으로 부족한 추가적인 세부 내용을 표현한다. 어떠한 분류체계가 짜임새 있는 모습을 갖추려면 각 영역마다 분류되는 내용이 명확하게 정의되어 있어야 한다. 앞서 언급한 바와 같이, 본 연구 과정에서 ICD-10-PCS보다 개별 의료행위의 세부적인 내용을 더 표현할 수 있는 방향으로 코딩 시스템을 마련하자는 의견이 있었는데, 일정한 규칙과 틀을 유지하면서 다양한 의료행위의 세부 내용을 체계적으로 분류하고 최종적으로 이를 구체적인 코드로 구현하는 것은 상당히 어려운 과제였다. 가장 많은 의료행위를 포함하고 있는 ‘처치 및 시술’ 대분류를 예로 들자면, 특정한 의료행위를 정의할 때 “어디에(해부학적 부위, 영역 2-3)”, “어떻게 접근하여(접근경로, 영역 6)”, “무엇을 했는지(행위, 영역 4)”라는 성질은 모든 행위에 대해 기본적으로 적용할 수 있는 공통적인 구성요소일 뿐만 아니라 그 내용을 어느 정도 제한된 수의 개념으로 분류하여 정리가 가능하다. 그러나 이와 같이 “어디에, 어떻게 접근하여, 무엇을 했다”라는 개념에 따라 특정한 의료행위가 규정되어도, ‘경부접근/흉부접근/복부접근’처럼 해부학적 구조에 따른 시술 부위 접근 방향, 구체적인 수술기법, 수술에 사용된 도구, 근치적/보존적 같은 수술의 목적성, 악성/양성에 따른 구분, 림프절 청소 여부 등 그보다 더 세부적인 내용들은 종류가 매우 다양하고 이질적이기 때문에 어떤 요소들을 추려서 코딩 시스템의 형태로 배열할 수 있을지 일괄적인 지침을 제시하기가 어려웠다. 이러한 세부적인 내용을 표현하고자 하는 지향점은 본 연구의 개발 방향에서 제안되었지만, 현 건강보험요양급여비용 항목들에 대해서 개별적인 새로운 일련번호로서 코드를 부여하고자 하는 호환성 문제와도 직결된 부분이기 때문에 현실적으로도 어떻게든 이를 구현하는 것이 필요하였다. 급여 목록에서 ‘혈관성형술’ 항목을 살펴보면 다양한 세부적인 사안에 따라서 개별

| | | |
|-------|--|-----------|
| 자-163 | 혈관성형술 Angioplasty | |
| | 가. 직접 봉합 End-to-End Anastomosis | |
| OA631 | (1) 개흉에 의한 것 by Thoracotomy | 18,076.52 |
| OB631 | 주 : 대동맥 교차감자(Cross-Clamping)를 동시 실시한 경우에는 20,053.62점을 산정한다. | |
| OA632 | (2) 개복에 의한 것 by Laparotomy | 8,000.61 |
| OB632 | 주 : 대동맥 교차감자(Cross-Clamping)를 동시 실시한 경우에는 9,383.86점을 산정한다. | |
| OA633 | (3) 기타 Others | 4,969.76 |

| | | |
|-------|---|-----------|
| OB633 | 주 : 대동맥 교차감자(Cross-Clamping)을 동시 실시한 경우에는 8,344.02점을 산정한다. | |
| | 나. 패치 이용한 경우 with Patch Graft | |
| | (1) 개흉에 의한 것 by Thoracotomy | |
| OA634 | (가) 인조혈관 이용 Artificial Vessel | 17,981.50 |
| OB634 | 주 : 대동맥 교차감자(Cross-Clamping)를 동시 실시한 경우에는 19,924.75점을 산정한다. | |
| OA635 | (나) 자가혈관 이용 (채취료 포함] Autologous Vessel | 19,031.12 |
| OB635 | 주 : 대동맥 교차감자(Cross-Clamping)를 동시 실시한 경우에는 20,631.63점을 산정한다. | |
| | (2) 개복에 의한 것 by Laparotomy | |
| OA636 | (가) 인조혈관 이용 Artificial Vessel | 8,716.07 |
| OB636 | 주 : 대동맥 교차감자(Cross-Clamping)를 동시 실시한 경우에는 10,341.68점을 산정한다. | |
| OA637 | (나) 자가혈관 이용 (채취료 포함] Autologous Vessel | 9,248.97 |
| OB637 | 주 : 대동맥 교차감자(Cross-Clamping)를 동시 실시한 경우에는 11,186.67점을 산정한다. | |
| | (3) 기타 Others | |
| OA638 | (가) 인조혈관 이용 Artificial Vessel | 6,769.97 |
| OB638 | 주 : 대동맥 교차감자(Cross-Clamping)를 동시 실시한 경우에는 7,571.21점을 산정한다. | |
| OA639 | (나) 자가혈관 이용 (채취료 포함] Autologous Vessel | 7,830.75 |
| OB639 | 주 : 대동맥 교차감자(Cross-Clamping)를 동시 실시한 경우에는 8,851.89점을 산정한다. | |

적인 코드가 부여되어 있다. 이 코드들은 단순히 수가 산정을 목적으로만 구분되는 것이 아니고 대부분은 의학적으로 서로 다른 의미를 가지는 내용에 의해서 차별화가 되기 때문에, 확장코드에서 처리할 것이 아니라 기본코드 안에서 서로 구분되도록 하는 것이 바람직할 것이다. 그러나 위 내용은 ICD-10-PCS처럼 시술의 세부적인 내용을 표현하기에 제한적인 시스템만으로는 도저히 하나하나 개별적으로 구분할 수가 없다. 이처럼 의료행위의 세부적인 내용을 추가로 구분하는 역할을 수행하는 것이 영역 5, 7, 8이다. 본 연구에서는 영역 5가 두 자리 캐릭터이기 때문에 이원화된 구조로 활용 가능하고 순서상 영역 7, 8보다 앞에 위치하므로, 영역 5에는 위계구조상 영역 1, 2, 3, 4의 조합된 코드가 가지는 의미의 바로 다음 단계의 종속된 하위구조 내용을 표현하였고, 이보다 상대적으로 비중이 적거나 의학적인 의미에 있어서 종속성이 떨어지는 내용을 영역 7, 8에 분류하고자 하였다(별책부록 참조). 그러나 앞서 서술한 바와 같이, 이 영역들을 사용하여 의료행위의 세부적인 특징을 표현하고자 하는 그 목적성은 분명하지만, 구체적으로 어떤 개념의 내용을 각 영역에 어떻게 배치하여 분류하고 코드를 부여할 것인지에 대해서 일관성 있는 분류지침을 마련하기 위해서 더 장기적인 검토가 필요할 것이다. 이 때문에 각 진료과마다 임의적으로 작업을 하다 보니 세부적인 내용의 양과 깊이도 서로 다르고, ‘림프절 청소’나 ‘악성/양성’에 따른 구분처럼 비교적 여러 진료과에 공통적으로 적용될만한 내용의 배치에 통일성이 부족한 문제가 있었다. 개별 진료과마다 이해관계가 다르기도 하고, 학술적으로 매우 복

잡하고 다양한 내용들의 세부 구성 요소를 분석하고 그 중 어떤 개념들을 어떤 식으로 분류하여 배치할 것인지의 일개 의료기관의 연구진만으로 수행하는 것은 무리가 있고, 이에 대한 합의점을 찾기 위해서는 여러 학회 차원에서의 장기간에 걸친 참여를 통해 충분한 검토가 필요할 것으로 생각한다.

1.7 연구 전반 및 향후 개선점

새로운 의료행위 분류체계와 그의 코딩 시스템을 구상하는 과정에서, 의료행위를 학술적인 관점에서만 분류하는 것이 아니라 국내 수가체계와의 연계성과 호환성을 염두에 두면서 개발해야 했던 점이 상당히 고민스러울 때가 많았다. 앞서 언급했던 것처럼 국내 수가체계와 관련하여 여러 진료과 사이에 이해관계가 복잡하게 얽혀 있기 때문에, 연구에 참여했던 실무위원들 중 연구 결과가 향후 의도치 않게 해당 진료과에 곤혹스럽거나 예상치 못한 변화를 가져올까봐 부담을 호소하는 경우가 종종 있었다. 이런 문제를 보완하기 위해서 새 의료행위 분류체계에 대해서 상기 언급한 여러 사안들에 대해 검토하는 과정에서 향후 전문 학회별 의견을 구하는 과정이 필요할 것으로 생각한다. 또한 대부분의 원내 연구 참여자들에게 ICD-10-PCS를 비롯한 외국의 의료행위 분류체계는 매우 생소한 영역이었는데, 추후 검토 과정에서는 충분한 시간을 가지고 진행하는 것이 바람직할 것이다. 따라서 본 연구의 결과는 완성된 형태의 분류체계 및 코딩 시스템을 마련하기보다는, 국내 수가체계 및 의료환경을 염두에 두면서 외국의 과학적인 분류체계의 장단점들을 통합한 새로운 코딩 시스템의 기본 틀을 제안하고 이를 실무적으로 현 수가체계에 적용하는 과정에서 발생하는 초기 문제점들을 발견하여 향후 완결된 형태의 새 분류체계를 준비하는 첫 걸음이라고 보아야 할 것이다.

본 연구에서 언급한 여러 난제들을 해결하기 위해서는 건강보험심사평가원 측 실무진과 개별 학회의 입장을 대변할 수 있는 위원들이 모여서, 의료행위 분류 시스템 및 코딩 과정에서 발생할 수 있는 실무적인 문제들에 대한 전반적인 이해도가 충분한 전제 하에 토의가 이루어져야 할 것이다. 특히 가장 많은 항목을 포함하고 있는 ‘처치 및 수술’에서 사용되는 표준용어는 본 연구에서 ICD-10-PCS의 것을 기본으로 참고하였는데, 사전적 의미의 용어가 아니며 그 대상 및 특징을 매우 세밀히 제한하고 있는 용어정의를 충분히 이해하지 않으면 특정 행위에 대해 잘못된 코드를 부여할 여지가 충분히 있다. 또한 현 수가코드 목록의 항목이 실제로 어떤 의료행위를 지칭하는 것인지 그 내용과 범위가 명확하지 않은 경우가 종종 있기 때문에, 본 연구의 별책부록에 현 수가코드 목록에 대해 상당 부분 새 코딩 시스템의 적용을 시도한 결과물을 제시하고 있지만 분류가 잘못되었거나 내용적으로 미진한 항목들이 충분히 있을 수 있다. 그러므로 건강보험심사평가원과 학회 대표들이 용어정의에 대해 정확한 이해가 된 바탕 하에서 현 수가코드 목록을 새 분류체계에 대입하는 과정에 대한 충분한 재검토가 향후 반드시 필요하다. ICD-10-PCS의 개발과정에서도 이와 유사한 과정이 진행되었다. 1995년에 첫 번째 초안이 ‘시험 개발’된 이후 시험운영과 사용자 훈련프로그램 개발의 후속 과정을 거쳐서 3년이 지난 1998년이 되어서야 초안이 겨우 ‘완성’되었고, 이후에도 매년 지속적으로 분류시스템을 갱신하고 있다. 의료기술의 발전으로 인해 새 분류체계가 완성된 이후에도 새로운 의료행위 항목의 추가가 끊임 없이 이루어질 것이다. 새 분류체계가 완성된 이후에도 지속적으로 원활하게 사용되기 위해서는, 새로운 항목이 추가되었을 경우 코드를 부여하고 분류하는 작업을 비롯하여 코딩 시스템 전반을 관리하고 주기적으로 보완 및 수정하는 역할을 담당하는 위원회의 구성 및 장기적인 상시 활동이 반드시 뒷받침되어야 한다.

2. 기대효과 및 활용방안

2.1 기대효과

- 국제분류체계와 호환 가능한 한국형 의료행위분류체계 개발하여 확장성·위계구조를 가진 통합 의료행위 관리체계 마련
- 정확한 근거 및 통계자료에 기반한 보건의료 정책 수립 지원
- 국민진료비 현황에 대한 정확한 모니터링
- 보건의료 빅데이터 품질 향상
- 행위분류체계개선으로 건강보험 수가 개발의 정확도 제고
- 의학적·학문적 성과 및 의료기술 수준 반영

2.2 활용방안

- 진료비 보상수준 및 배분방법 설정에 대한 기초 자료
- 보건의료 통계수집 기반 자료
- 환자분류체계 기반 자료
- 의료의 질 평가 기초 자료
- 인터넷 홈페이지에 데이터베이스 구축하여 필요 시 누구나 검색 및 조회 가능하도록 운영
- 수시로 새로운 항목의 추가 및 기존 내용 변경할 수 있도록 전문가위원회에 의한 데이터베이스의 상시 관리체계 수립

제5장 연구분담표

1. 연구분담표

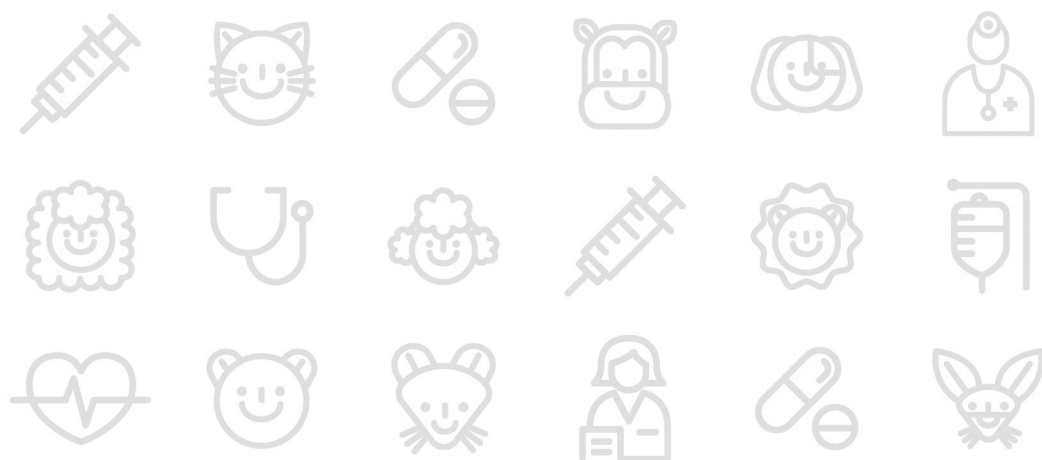
| 구분 | 소속 | 성명 | 분담내용 |
|-------|---------|-----|--------------------------------|
| 책임연구원 | 서울대학교병원 | 오병희 | 연구총괄 |
| 책임연구원 | 서울대학교병원 | 한규섭 | 실무 및 자문총괄 |
| 연구원 | 서울대학교병원 | 유철규 | 자문위원 |
| 연구원 | 서울대학교병원 | 서경석 | 자문위원 |
| 연구원 | 서울대학교병원 | 서창석 | 자문위원 |
| 연구원 | 서울대학교병원 | 하일수 | 자문위원 |
| 연구원 | 서울대학교병원 | 권준수 | 자문위원 |
| 연구원 | 서울대학교병원 | 김 윤 | 자문위원 |
| 연구원 | 서울대학교병원 | 박성섭 | 자문위원 |
| 연구원 | 서울대학교병원 | 한준구 | 자문위원 |
| 연구원 | 서울대학교병원 | 김우호 | 자문위원 |
| 연구원 | 서울대학교병원 | 강건욱 | 자문위원 |
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| 연구보조원 | 서울대학교병원 | 남상모 | 정보보안 담당 |



동물병원 진료 표준화 방안 마련 결과보고서

첨부자료 9

한국표준치과의료행위분류체계 개선 연구 보고서



발간등록번호

G0000L3-2017-122

한국 표준 치과 의료행위 분류체계 개선 연구



건강보험심사평가원
HEALTH INSURANCE REVIEW & ASSESSMENT SERVICE

발간등록번호

G000DL3-2017-122

한국 표준 치과 의료행위 분류체계 개선 연구



건강보험심사평가원
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본 보고서의 내용은 연구용역과제를 수행한 연구자의 개인적인 의견
이므로 건강보험심사평가원의 공식적인 견해와는 다를 수 있습니다.
또한, 본 보고서에 수록된 내용은 한국표준 치과 의료행위 분류체계
개선 연구 이외의 목적으로는 사용할 수 없으며, 이 결과는 「절대적
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| 연구기간 | 2016.08.11. - 2017.04.11 | | 연구형태 | 문헌(), 조사(•), 실험() | | |
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| <p>본인은 붙임과 같이 건강보험심사평가원 연구용역 과제에 대한 최종보고서를 제출합니다.</p> <p>2017. 04월 11일</p> <p>연구 책임자 : 이 정 윤 (인)</p> | | | | | | |
| <h2 style="margin: 0;">건강보험심사평가원장 귀하</h2> | | | | | | |

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-부록-

[새로운 한국 표준 치과 의료행위 분류체계(안)의 급여, 행위 비급여 분류]
 [공공기관 등 비급여 통합행위명]

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제1장 연구 목표

1. 연구 목적 및 필요성

A. 치과 의료행위의 새로운 분류체계 틀(frame) 개발

- 현재 치과의 의료행위 분류는 시술방법 구분, 수가코드의 확장성 및 다수의 준용수가 등 분류원칙과 관리체계의 일관성 결여 및 행위정의 불명확성 등 일정부분 한계에 이룸
- 또한, 국내뿐만 아니라 국제 분류체계와 호환 가능한 한국형 치과 의료행위 분류체계 개발을 통해 유연성과 확장성이 높은 분류체계 필요
- 이에, 임상현장의 변화를 반영하고, 건강보험 행위 급여·비급여 목록 표에 적용할 수 있는 새로운 치과 의료행위 분류체계 마련하고자 함

B. 치과 의료행위 통합운영체계 마련

- 비급여를 포함한 통합적 행위분류 및 행위정의의 개발·변경·삭제 등 지속적으로 관리할 체계 및 기전이 미흡한 실정임
- 치과 전체 의료행위 분류체계에 대한 국가적 표준 제시를 통해, 의료 환경의 효율성을 제고하고 의료소비자의 알권리와 의료선택권을 강화할 필요가 있음
- 공공 의료기관 중심의 임상현장에서 시행되고 있는 의료행위 관련정보를 활용하여 비급여를 포함한 의료행위 분류체계에 대한 국가적 표준 모형을 개발하고, 이를 점진적으로 확대 및 보완하여 장기적으로 완성도를 높여 나갈 수 있는 관리체계 구축이 필요함

제2장 연구 계획

1. 연구 내용 및 방법

A. 연구내용

가. 치과 의료행위의 새로운 분류체계 틀(frame) 개발

- 제외국에서 사용되고 있는 치과 의료행위 분류에 대한 고찰
 - 일반원칙, 분류기준(시술방법 또는 해부학적 부위 등), 분류방법, 분류대상, 분류개수, 코드길이 및 형식, 코드 위계(Axis)구조, 코드 사례 등
- 우리나라 치과 의료행위(급여·비급여)의 체계적인 분류체계 개발
- 임상현장에서 시행되고 있는 의료행위(급여·비급여)의 관련정보 활용
 - 관련 전문학회 및 전문가 의견 수렴

- 행위분류에 대한 의견 및 실무 현장 적용 가능여부 등
- 건강보험 수가체계(급여·비급여)와 새로운 분류체계를 연계하는 가이드라인 제시

나. 치과 의료행위 통합운영체계 마련

- 의료행위 정보 수집 및 분석
 - 기초자료 수집(공공의료기관 중심으로 조사표에 근거한 자료 수집)
 - 기관별, 종별, 질병·수술 명별 급여·비급여 항목의 현황 분석
 - 행위내용에 따라 행위명에 부합하는 분류체계명 정의
- 의료행위 분류체계 표준모형 개발
 - 의료행위(급여·비급여) 항목의 체계적 분류 모형 제시(난이도 등 행위 속성을 반영하며, 필요시 세분화 등 검토), 현행 EDI 코드와 연계 가능한 코드 체계 적용
 - 표준화된 용어 및 행위정의 : 용어사용 원칙 및 근거에 따른 의료행위 용어 표준화
- 의료행위 통합 운영·관리체계 구축
 - 의료행위 분류체계 표준 모형의 단계적 보완 및 완성 방안 제시
 - 의료행위 관련 자료의 주기적인 수집·분석 및 분류체계 반영 구조 마련

B. 연구방법

◆현황파악

국내-문헌고찰

국외-문헌고찰 및 현장방문(스위스)

◆현장방문

스위스 치과의사협회 재무담당 이사 면담

- 스위스 치과의료행위분류체계 소개
- 스위스 치과행위분류체계의 개발, 유지, 관리 현황

| 구 분 | 월 별 추 진 일 정 | | | | | | | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | 16.08 | 16.09 | 16.10 | 16.11 | 16.12 | 17.01 | 17.02 | 17.03 | 17.04 | |
| 연 구 내 용 | | | | | | | | | | |
| 한국 치과 의료행위 분류체계 분석 | ▶ | ▶ | ▶ | | | | | | | |
| 제 외국 치과 의료행위 분류체계 분석 | ▶ | ▶ | ▶ | | | | | | | |
| 자료수집 및 표준화 작업 | | | | ▶ | ▶ | ▶ | | | | |
| 새 치과 의료행위 분류체계 초안 작성 | | | ▶ | ▶ | ▶ | ▶ | | | | |
| 전문학회 의견 수렴 | | | ▶ | ▶ | ▶ | ▶ | ▶ | | | |
| 건강보험 목록(급여·비급여) 개선체계 마련 및 자료수집·분석·활용방안 제시 | | | | | | | ▶ | ▶ | ▶ | |
| 추 진 도 % | | | | 40% | | 50% | 80% | | | 100% |

제3장 연구결과

1. 한국 의료행위 분류체계 현황

A. 현재 한국 의료행위 분류체계 (문헌참고)

- ① 건강보험 행위급여·비급여 목록 및 급여 상대가치점수 (보건복지부 고시)
- ② KCPD (Korean classification of Procedures in Dentistry, 한국 표준 치과 의료행위 분류)
- ③ KCPM (Korean classification of Procedures in Medicine, 한국 표준 의료행위 분류)
- ④ KCPT (Korean Current Procedure Terminology, 한국형 행위 분류체계)
- ⑤ KOPG (Korean Outpatient Groups, 외래환자분류체계)

표1. 의·치과 건강보험요양급여비용 수가코드 분류건수

<2016.10.1. 기준>

| 구분 | 의·치과 | 제10장 치과 처치·수술료 제18장 치과의 보철료 |
|-----|-------|--------------------------------|
| 급여 | 8,296 | 431 |
| 비급여 | 647 | 28 |
| 계 | 8,943 | 459 |

- 건강보험 요양급여비용 수가코드 중 의과·치과코드는 총 급여 8,296건이고 비급여는 대략 647건임
분류코드는 급여, (법정)비급여로 구분되어 관리되어지고 있으며 총 건강보험 요양급여 비용의 수가코
드중 의·치과코드를 중심으로 대다수를 차지하고 있음

2. 한국 건강보험 의료행위 분류체계 진료코드

표2. 건강보험 요양급여 수가코드 구조

| 자릿수 | 기본코드 | | | | | 확장코드 | | |
|-----|------|------|------------|---|------|-------|-------|-------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 구조 | 대분류 | 분류번호 | | | 일련번호 | 산정코드1 | 산정코드2 | 산정코드3 |
| 내용 | 장구분 | 급여구분 | 일련번호(세부구분) | | | 의미1 | 의미2 | 의미3 |
| | 해부학 | | | | | | | |

A. 코드 개요

가. 기본코드 : 기본 코드 5자리까지가 행위를 구분하는 기본 분류 코드임

나. 산정코드 : 기본 코드 5자리의 추가(확장) 부분으로써 기본코드제외 뒤 3자리 임. 6-7 자리는 산정코드에 해당하는 정보이며 주요내용은 시간, 연령구분, 수술 구분임. 주로 동일한 행위에 있어 진료비 산정을 달리하는 즉, 진료비 가산정보를 나타냄

- 코드는 수가, 준용, 보험등재약 및 동 의약품의 일반(성분)명, 원료, 조제(제제)약, 치료재료로 분류 되며, 각각의 코드는 다음과 같은 코드 구분자를 가짐.

- 코드의 자릿수는 보험등재약(9자리), 한약제제(9자리), 공상수가(5자리), 준용코드(6자리)외에는 모두 8자리이며, 수가코드는 산정지침과 관련이 없는 경우 5자리만 사용하고 산정지침이 적용되는 경우는 8자리 코드를 사용함.

B. 한국 건강보험 요양급여 코드의 구조 비교

가. 기본코드

표3. 건강보험 요양 급여 비교 기본코드의 구조의 예 (건강보험심사평가원.건강보험요양급여비용.2016참조)

| 진료행위명 | 대분류 | 대분류 | 분류번호 | 일련번호 |
|-----------|--|-------|--|--|
| 기본진료료 | 진찰료 | AA | 1:초진 2:재진 | 4:의원 5:병원 6:종합병원 7:상급종합병원 9:치과병원 0:치과의원 |
| | | | 900:시설내 처방(의료급여) | |
| | 입원료 | AB | 1:상급종합병원 2:종합병원 3:병원 4:의원 5,6:요양병원 | |
| | 응급의료관리료 | AC | 101-105 | |
| | 무균치료실입원료 | AD | 100-101 | |
| | 회송료 | AE | 100 | |
| | 낮병동입원료 | AF | 100-999 | |
| | 신생아입원료 | AG | 111-413 | |
| | 협진진찰료 만성질환관리료 감염전문관리료 신종플루감염전문관리료 | AH | 500-900, 501 200 502-702 400 | |
| | 다학제통합진료료 집중영양치료료 | AI | 101,102 600,700 | |
| | 중환자실입원료 | AJ | 001-999 | |
| | 격리실입원료 | AK | 100-400 | |
| | 의약품관리료, 혈액관리료 | AL | 100-899 900 | |
| | 보육기 | AM | 100 | |
| | 가정간호기본방문료 | AN | 200-500 | |
| | 납차폐특수치료실 입원료 | AQ | 600-905 | |
| | 정신건강의학과정액(의료급여) | AR | 100-999 | |
| | 식대(의료급여) | AS | 100-999 | |
| | 안치료(의료급여) | AT | 100 | |
| 치과 처치·수술료 | | U | 001-999 | |
| | | UH | | |
| | | UX/UY | | |
| | | UZ | | |

나. 치과 부분 코드 예시

- 기본코드중 치과코드는 U,UH,UX,UY,UZ 로 구분

표4. 치과 부분 기본코드 상세 예시

| 수가코드 | 진료행위 한글명 | 진료행위 영문명 |
|-------|---------------------------------|--|
| U0170 | 파절기구제거 | Removal of Broken Instruments |
| U0200 | 충전물연마[1치당] | Restoration Polishing |
| U0210 | 응급근관처치[1치당] | Emergency Pulp Treatment |
| U0220 | 보철물재부착[1치당] | Recementation |
| U1010 | 치주소파술[1/3악당] | Subgingival Curettage |
| U1020 | 치은신부착술[1/3악당] | Excisional New Attachment Procedure |
| U1030 | 치은성형술[1/3악당] | Gingivoplasty |
| U1040 | 치은절제술[1/3악당] | Gingivectomy |
| U1051 | 치은박리소파술-간단[1/3악당] | Periodontal Flap Operation-Simple |
| U1052 | 치은박리소파술-복잡[치조골의성형,삭제술포함][1/3악당] | Periodontal Flap Operation-Complicated |
| U1060 | 치근면처치술[1/3악당] | Root Conditioning |
| U1071 | 치조골결손부골이식술(동종골,이종골,합성골이식의경우) | Allogenic, Xenogenous or Substitute Bone Graft for Alveolar Bone Defects |
| U1072 | 치조골결손부골이식술(자가골이식의경우[채취포함]) | Autogenous Bone Graft for Alveolar Bone Defects |
| U1081 | 조직유도재생술(골이식을동반하지아니한경우) | Guided Tissue Regeneration without Bone Graft |

다. 산정코드

- 수가의 보조 정보로써 장이 구분되어 있으며, 장은 기본적으로 건강보험 수가의 범주를 구분하는 의미를 가지고 있음

표5. 건강보험 요양급여 산정코드 구조의 예 (건강보험심사평가원.건강보험요양급여비용.2016참조)

| 대분류 | | 산정코드 | | |
|----------------------|--------------|---|---|--|
| 코드 | 대분류 명칭 | 의미 I | 의미 II | 의미 III |
| AA | 진찰료 | 1: 만1세미만 6: 만6세미만 7: 만1세 이상만3세미만 9: 뇌병변·지적·정신·자폐성장애인(치과) | 1: 야간 2: 심야(만6세미만) 3: 토요일(09-13시) 5: 공휴일 8: 시설내처방 9: 보호자내원 약제 또는 처방전만 수령 | 1: 차등수가제외 2: 영유아건강검진 당일진찰 3: 일반건강검진당일진찰 4: 생애전환기건강검진 당일진찰 5: 암검진당일진찰 |
| AB | 입원료 | 1: 0-6시입원 2: 18-24시퇴원 6: 입원 181~360일까지 7: 입원361일부터 8: 입원 16일째부터30일째 까지 9: 입원31일째부터 | 03: 강내치료 04: 내과질환자, 정신질환자, 만8세미만의소아 | |
| AD | 무균치료실입원료 | 1: 0-6시입원 2: 18-24시퇴원 | | |
| AG | 신생아입원료 | | | |
| AJ | 중환자실입원료 | 1: 0-6시입원 2: 18-24시퇴원 8: 입원 16일째부터30일째까지 9: 입원31일째부터 | | |
| AK | 격리실입원료 | | | |
| AN | 가정간호기본방문료 | 3: 만8세미만 4: 만70세 이상 | 1: 야간 5: 공휴 | |
| AQ | 납차폐 특수치료실입원료 | 1: 0-6시입원 2: 18-24시퇴원 8: 입원16일째부터30일째 까지 9: 입원31일째부터 | | |
| B, C, BX, BY, CX, CY | 검체검사료 | 항글로불린, 약물, 독물, 유기용제 및 중금속, 세균, 진균, 바이러스, 기생충기타감염증 | | 6: 진단검사의학과 전문의 등 판독 9: 병리과 전문의 외부슬라이드 판독 |
| C, CX, CY, CZ | 병리검사료 | | | 6: 진단검사의학과 전문의 등 판독 9: 병리과 전문의 외부슬라이드 판독 |

라. 코드사용

기본코드는 각 장별 분류행위에 부여된 코드(주항목 포함)를 사용, 각 장의 산정지침이나 절의 “주”에 따라 가산 또는 감산하면서 산정코드로 표현하도록 한 경우는 요양기관이 조합하여 8자리 코드를 사용

표6. 치과 영유아 구강검진 당일 초진료 산정코드(AA100602) 구조

| 자릿수 | 기본코드 | | | | | 확장코드 | | |
|-----|------------|------|------|---|------|---------|-------|------------------------|
| | A | A | 1 | 0 | 0 | 6 | 0 | 2 |
| 구조 | 대분류 | | 분류번호 | | 일련번호 | 산정코드1 | 산정코드2 | 산정코드3 |
| 내용 | 장구분 | 급여구분 | 초진 | | | 6:만6세미만 | 0:주간 | 2:영유아 건강검진 당일 진찰 |
| | AA: 진찰료 | | | | | | | |

- ① 기본 코드: AA100 중 AA는 진찰료, 100은 초진을 나타냄
- ② 산정 코드 : 6 은 만 6세미만, 0 은 주간 , 2 는 영유아건강검진 당일진찰 을 나타냄

마. 한국 표준의료행위(KCPM) 와 한국 표준치과의료행위(KCPD) 분류 항목수

표7. KCPM · KCPD분류 항목수

(한국표준의료행위(KCPM) 분류체계개발.1996 참조 / 한국치과표준의료행위(KCPD) 분류체계개발. 1996 참조)

| 한국 표준의료행위 분류 | | 한국치과표준의료행위분류 | | |
|--------------|--------------|--------------|-----------------------------|-----|
| 예방의료 및 건강증진 | 46 | 구강병예방 및 건강증진 | 45 | |
| 진찰 및 관리 | 81 | 구강진찰 및 상담 | 46 | |
| 검사 | 기능검사 | 검사 | 일반검사 | 50 |
| | 영상검사 | | 영상검사 | 43 |
| | 생검 및 검체채취 | | 구강병리검사와 생검 및 검체채취 | 270 |
| | 병리검사 | | 부정교합검사 | 43 |
| | | | 특수검사 | 13 |
| | | 기타검사 | 3 | |
| 내시경 | 406 | 구강병치료 | 구강연조직질환치료, 저작근 및 악관절물리치료 | 43 |
| 치료및처치 | 4852 | | 치아수복치료 | 59 |
| 정신치료 | 39 | | 근관치료 | 57 |
| 비관혈적치료 | 323 | | 치주치료 | 34 |
| 관혈적치료 | 414 | | 구강악안면외과적치료 | 462 |
| 마취 | 270 | | 임플란트 | 35 |
| 방사선치료 | 72 | | 치열교정치료 | 51 |
| | | | 기타치료(마취포함) | 10 |
| | | | | |
| 재활 | 111 | | 보철 | 57 |
| 총계 | 8404 | 총계 | 1321 | |

바. KOPG (Korean Outpatient Groups, 외래환자분류체계)

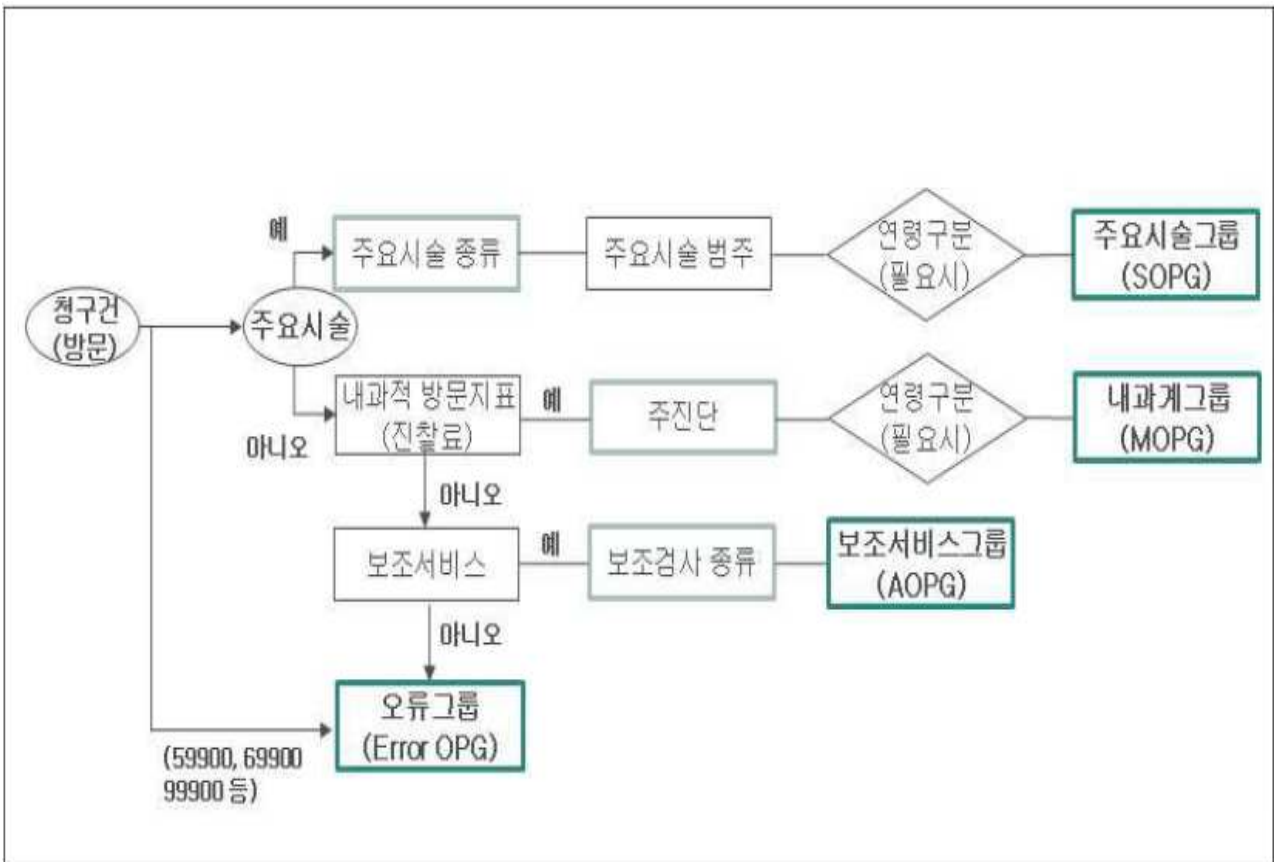
- 입원 또는 외래 환자를 상병, 시술, 기능상태 등을 이용하여 임상적인 측면과 자원소모 관점에서 유사한 환자끼리 분류하는 체계

① KOPG구조

i. 분류과정

우선순위에 따라 계층적으로 분류, 우선순위가 가장 높은 그룹은 주요시술 그룹이며, 내과계 그룹, 보조서비스 그룹, 오류그룹 순으로 분류

그림1. KOPG 구조의 분류과정 (KOPG 분류집.2017 참조)



ii. 주요시술 그룹(Significant OPG, SOPG)

주요시술은 1차적으로 16개의 범주(Categories)로 구분되어짐

표8. KOPG 주요시술 범주 (KOPG 분류집.2017 참조)

| 대분류 | 주요시술 범주 | KOPG 개수 |
|-----|---|---------|
| SA | Integumentary System | 20 |
| SB | Musculoskeletal System | 14 |
| SC | Respiratory System | 10 |
| SD | Cardiovascular System | 11 |
| SE | Hematologic, Lymphatic and Endocrine System | 8 |
| SF | Digestive System | 14 |
| SG | Urinary System | 10 |
| SH | Male Genital System | 5 |
| SI | Female Genital System | 9 |
| SJ | Nervous System | 10 |
| SK | Eye and Ocular Adnexa | 12 |
| SL | Facial, Ear, Nose, Mouth and Throat | 42 |
| SM | Therapeutic and Other Significant Radiological Procedures | 6 |
| SN | Physical Medicine and Rehabilitation | 8 |
| SO | Mental Illness and Substance Abuse | 6 |
| SP | HOME Health Care | 1 |
| 합 계 | | 186 |

iii. 내과계 그룹(Medical OPG, MOPG)

246 분류중 KCD 중분류를 이용, 237개의 발생 빈도가 높은 일부 질환을 세분화함

표9 . 내과계 진단범주별 그룹 (KOPG 분류집.2017 참조)

| 대분류 | 내과계 진단 범주 | 개수 |
|--------|---|-----|
| MA, MB | Certain infectious and parasitic diseases (A00-B99) | 20 |
| MC, MD | Neoplasms (C00-D48) | 30 |
| MD | Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89) | 7 |
| ME | Endocrine, nutritional and metabolic diseases (E00-E90) | 9 |
| MF | Mental and behavioural disorders (F00-F99) | 12 |
| MG | Diseases of the nervous system (G00-G99) | 15 |
| MH | Diseases of the eye and adnexa (H00-H59) | 11 |
| MH | Diseases of the ear and mastoid process (H60-H95) | 4 |
| MI | Diseases of the circulatory system (I00-I99) | 13 |
| MJ | Diseases of the respiratory system (J00-J99) | 25 |
| MK | Diseases of the digestive system (K00-K93) | 17 |
| ML | Diseases of the skin and subcutaneous tissue (L00-L99) | 9 |
| MM | Diseases of the musculoskeletal system and connective tissue (M00-M99) | 33 |
| MN | Diseases of the genitourinary system (N00-N99) | 19 |
| MO | Pregnancy, childbirth and the puerperium (000-099) | 9 |
| MP | Certain conditions originating in the perinatal period(P00-P96) | 10 |
| MQ | Congenital malformations, deformations and chromosomal abnormalities(Q00-Q99) | 11 |
| MR | Symptoms, signs and abnormal clinical and laboratory findings, NEC (R00-R99) | 16 |
| MS, MT | Injury, poisoning and certain other consequences of external causes (S00-T98) | 25 |
| MZ | Factors influencing health status and contact with health services (Z00-Z99) | 12 |
| MU | Code for special puposes(U00-U19) | 1 |
| 합 계 | | 308 |

iv. 보조서비스 그룹(Ancillary OPG, AOPG)

주요 시술이나 내과적 치료를 받지 않고 진단검사와 영상검사, 간단한 처치를 한 그룹으로, 6개 범주로 구분되며, 총 46개의 그룹임

v. 오류그룹

오류그룹은 외래에서 시술 될 수 없는 입원시술이나, 치료재료코드, 입원료 같은 외래에서 발생 할 수 없는 코드 등을 분류하는 그룹으로, 5개 항목으로 정의

vi. KOPG코드의 세부 구성

표10. KOPG코드의 구성 예시 (KOPG 분류집.2017 참조)

| 대분류 | | 중분류 | | 소분류 | 연령 구분 |
|----------------|--------|-----|-----|-------|-------|
| 계열 구분 | 범주 구분 | | | | |
| S, M, A, 숫자(E) | A~Z, 9 | 0~9 | 0~9 | 1/5/9 | 1/2/3 |

- KOPG 코드는 6자리로서 첫 번째 두 자리는 계열과 범주를 구분하고, 3번째와 4번째는 중분류, 5번째는 소분류, 마지막 6번째는 연령을 구분하며, 첫 번째 자리의 계열은 주요시술 그룹을 나타내는 S, 내과계 그룹을 나타내는 M,보조서비스 그룹을 나타내는 A로 오류그룹을 나타내는 숫자로 표기됨

- 두 번째 자리의 범주는 A에서 Z까지 알파벳으로 표기 3번째와 4번째 자리의 중분류는 유사 KOPG를 묶어서 동일한 번호를 부여하되, 향후 KOPG의 세분화 가능성을 염두에 두어서 5단위씩 증가시킴. 5번째 자리의 소분류는 시술의 난이도에 따라 복잡/중등도/단순으로 구분된 경우 각각 '1', '5', '9'번호를 부여하였고(상대적으로 복잡 시술의 경우 낮은 번호 부여),시술의 난이도 이외에 해부학적 부위 혹은 시술 방법으로 구분 되는 경우는 2번부터 일련번호 순으로 부여하되 시술의 난이도를 나타내는 '1', '5', '9'는 사용하지 않음. 시술의 난이도, 해부학적 부위 혹은 시술방법으로 구분되지 않는 경우는 '0'을 부여함

vii. KOPG치과부분 코드 세부구성 분류

그림2. KOPG 치과부분 코드 세부구성 분류 예시 1 (KOPG 분류집.2017 참조)

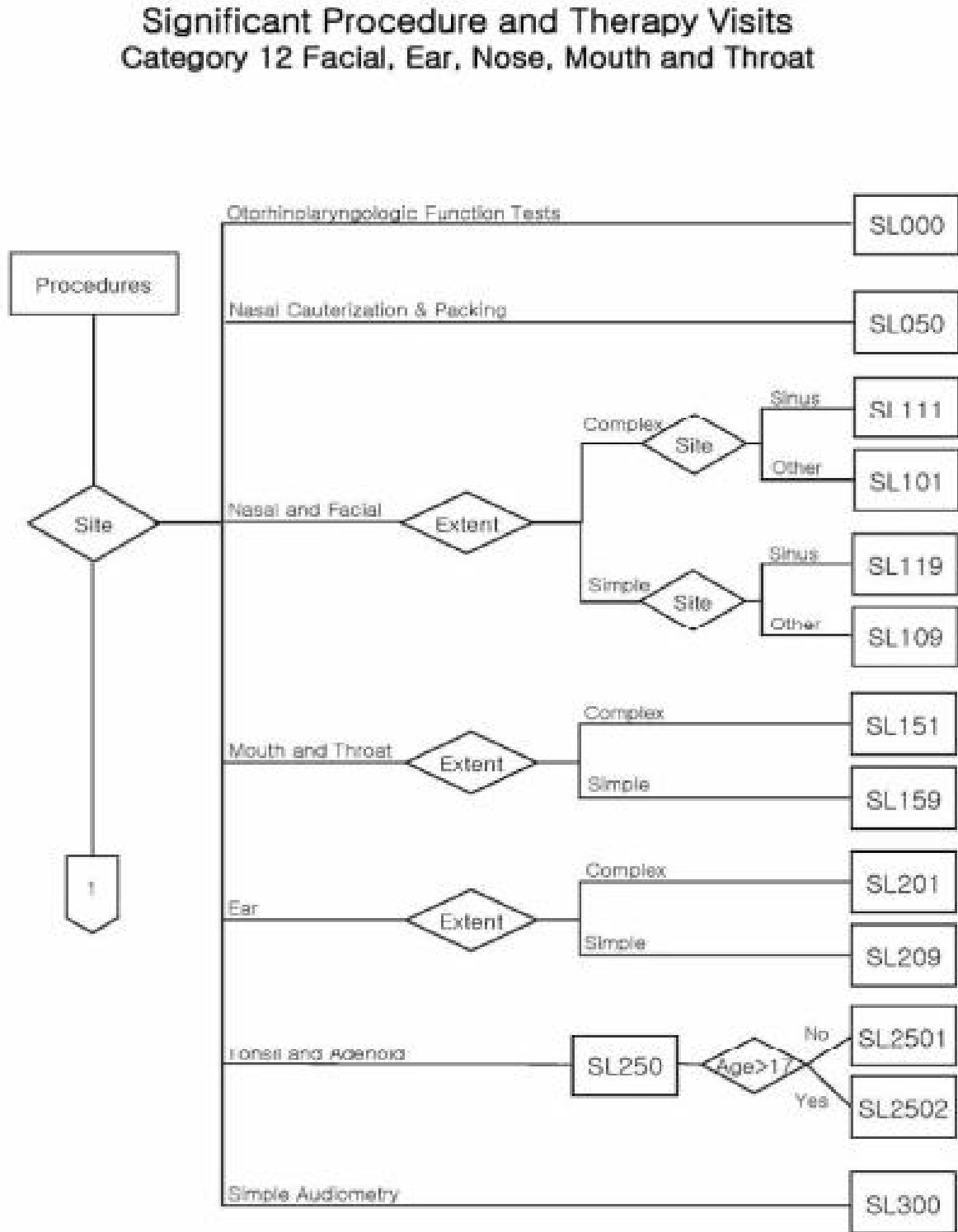


그림3. KOPG 치과부분 코드 세부구성 분류 예시 2 (KOPG 분류집.2017 참조)

SL4501 치아 충전술, 연령 0-17세
TOOTH RESTORATION, AGE 0-17

SL4502 치아 충전술, 연령 18-64세
TOOTH RESTORATION, AGE 18-64

SL4503 치아 충전술, 연령 >64세
TOOTH RESTORATION, AGE >64

시술명

| | | |
|-------------|-------|---------------------------------------|
| 치6 | U0060 | 죽일충전치치[1치당] |
| 치13가(1) | U0131 | 아말감충전(1치당)-1면 |
| 치13가(2) | U0132 | 아말감충전(1치당)-2면 |
| 치13가(3) | U0133 | 아말감충전(1치당)-3면 |
| 치13가(4) | U0134 | 아말감충전(1치당)-4면이상 |
| 치13나(1) | U0135 | 복합레진충전(글래스아이노머시멘트(II)충전 포함)-1면 |
| 치13나(2) | U0136 | 복합레진충전(글래스아이노머시멘트(II)충전 포함)-2면 |
| 치13나(3) | U0137 | 복합레진충전(글래스아이노머시멘트(II)충전 포함)-3면 |
| 치13나(4) | U0138 | 복합레진충전(글래스아이노머시멘트(II)충전 포함)-4면이상 |
| 치15가 | U0151 | 외동형성[1치당]-1면 |
| 치15나 | U0152 | 외동형성[1치당]-2면 |
| 치15다 | U0153 | 외동형성[1치당]-3면 |
| 치15라 | U0154 | 외동형성[1치당]-4면이상 |
| 치39 | U2390 | 치면열구전색술[1치당] |
| 치6-절주2 | UH060 | 죽일충전치치[1치당]-장애인가산(뇌병변·지적·정신·자폐) |
| 치13가(1)-절주2 | UH131 | 아말감충전[1치당]-1면-장애인가산(뇌병변·지적·정신·자폐) |
| 치13가(2)-절주2 | UH132 | 아말감충전[1치당]-2면-장애인가산(뇌병변·지적·정신·자폐) |
| 치13가(3)-절주2 | UH133 | 아말감충전[1치당]-3면-장애인가산(뇌병변·지적·정신·자폐) |
| 치13가(4)-절주2 | UH134 | 아말감충전[1치당]-4면이상-장애인가산(뇌병변·지적·정신·자폐) |
| 치13나(1)-절주2 | UH135 | 복합레진충전(글래스아이노머시멘트(II)충전포함)-1면-장애인가산 |
| 치13나(2)-절주2 | UH136 | 복합레진충전(글래스아이노머시멘트(II)충전포함)-2면-장애인가산 |
| 치13나(3)-절주2 | UH137 | 복합레진충전(글래스아이노머시멘트(II)충전포함)-3면-장애인가산 |
| 치13나(4)-절주2 | UH138 | 복합레진충전(글래스아이노머시멘트(II)충전포함)-4면이상-장애인가산 |
| 치15가-절주2 | UH151 | 외동형성[1치당]-1면-장애인가산(뇌병변·지적·정신·자폐) |
| 치15나-절주2 | UH152 | 외동형성[1치당]-2면-장애인가산(뇌병변·지적·정신·자폐) |
| 치15다-절주2 | UH153 | 외동형성[1치당]-3면-장애인가산(뇌병변·지적·정신·자폐) |
| 치15라-절주2 | UH154 | 외동형성[1치당]-4면이상-장애인가산(뇌병변·지적·정신·자폐) |
| 치39-절주 | UH390 | 치면열구전색술[1치당]-장애인가산(뇌병변·지적·정신·자폐) |

SL501 복잡한 치은 및 치주 시술
COMPLEX GINGIVAL AND PERIODONTAL PROCEDURES

시술명

| | | |
|-------|-------|----------------------------------|
| 치107가 | U1071 | 치조골결손부 골이식술(동종골, 이종골, 합성골이식의 경우) |
| 치107나 | U1072 | 치조골결손부 골이식술(자가골이식의 경우[채취 포함]) |
| 치108가 | U1081 | 조직유도재생술(골이식을 동반하지 아니한 경우) |

C. 현재 한국 의료행위 분류체계 문제점

- 우리나라 의료행위분류는 지난 1994년부터 개편 없이 운영
- 해외에서는 의료행위 세분화와 삭제·통합 등으로 유연성과 확장성을 갖추는 추세임
- 행위분류로서 일관된 원칙이나 체계가 미흡하여 의료행위가 어떤 범주에 포함되는지 행위 정의도 명확하지 않은 상태
- 실제 의료행위를 완전하게 그대로 반영한 코드가 없는 경우가 대부분
- 청구 지침에 따라 코드가 선택되기 때문에 실제 의료행위명과 일치하지 않는 경우 있음
- 건강보험 급여대상 의료행위를 중심으로 분류체계 및 행위정의를 개발해 사용 중이나, 비급여를 포함한 통합적 행위분류 및 행위정의의 개발·변경·삭제 등 지속적으로 관리할 체계 및 기전이 미흡한 실정
- 코드의 위계구조가 없거나 취약함
- 사용자의 요구에 따라 코드를 업데이트 하거나 개정하는 절차가 미흡
- 의료행위의 기술용어가 매우 부족한 상태, 용어의 상세성이 부족함

D. 현행 치과의료행위분류체계의 문제점

1. 현행체계가 전체 의료행위분류 중 제10장 치과라는 장번호 아래 U, UH, UX, UY, UZ의 하위 분류가 있는 수직적 축구조를 이루고 있으나 하위분류인 U, UH, UX, UY, UZ가 치과의료행위 자체의 특성을 바탕으로 한 수평적 축구조의 축이거나 장번호 아래 연속되는 수직적 축구조가 아닌 점이 전체 코드체계의 안정성을 훼손함
2. U, UH, UX, UY, UZ 아래의 숫자코드는 사실상 일련번호로서 때로는 요양급여비급여행위목록의 분류번호를 차용하는 형태를 기본으로 필요시 추가로 번호가 삽입되거나 자리수가 변형되면서 코드들 간에 코드형태의 일관성이 부족함
3. 요양급여비급여행위목록 상의 분류번호와 코드를 일원화하는 것이 필요함.
분류번호, 예) 차-23, 차-23-1와 코드, 예)U2231~3가 사실상 독립된 두가지 체계로 서로의 활용성을 제한하고 있어 한 행위에 코드를 부여하기 위해서는 분류번호를 부여한 뒤 또 다시 코드를 부여해야하는 불합리함이 있음.

3. 제 외국 의료행위 분류체계 현황

A. 국가별 체계

표11. 제외국 의료행위 국가별 분류

| 국가 | 분류체계 | |
|-----|----------------|---|
| 미국 | ICD-10-PCS | International classification of diseases-10-procedure coding system |
| | ICHI | International classification of health intervention |
| | CPT | current procedural terminology |
| | HCPCS | healthcare common procedure coding system |
| | CDT | current dental terminology |
| 캐나다 | CCI | canadian classification of health interventions |
| 호주 | ACHI | australian classification of health interventions |
| 스위스 | tarif dentaire | swizhland tarif dentaire |

B. 미국 ICD-10-PCS

(International classification of diseases-10-procedure coding system)

가. 개요

- 미국에서 모든 입원환자에게 행해진 시술에 대해 자료를 수집, 지불비의 결정, 전자의무기록 지원을 위한 시술 코딩체계임
- 코딩의 정확성, 효율성 향상 과 교육의 부담을 줄이면서 의사와의 소통 중시하는 것을 목표
- 단독코드의 수준까지 내려가 전체적으로 분류체계에 대한 정보를 주는 논리적이고 일관성 있는 구조

나. ICD 주요특징

- 시술 각각의 유일한 코드를 가짐
- 새로운 시술도 확장되어 유연성 있는 유일한 코드 부여 가능
- 7개 각각의 자리에 사용되는 용어에 각각의 의미를 지정
- 7개 자리를 구성하도록 값을 각각의 문자와 숫자를 차례대로 선택
- 다양한 축(의미) 가진 구조: 각각의 자릿수는 하나의 부분에서 서로 자릿수와 연관되어 여러 가지 시술에서 의미를 가짐
- 진단정보는 코드명에 포함되지 않음
- 달리 분류 되지 않은 (NEC) 선택의 제한: 새로운 장비나 물질에 대해서만 일시적으로 허용
- 상세불명 (NOS) 선택의 제한: 요구되는 수준을 얻을 수 없을 때 사용 (일반적인 신체부위, 접근방법 또는 루트수술 등)

다. ICD-10-PCS 코드 구조

표12. ICD-10-PCS 코드 구조의 예

| | | | | | | |
|------------------|-----------------------|--------------------------|---------------------|--------------------|------------------|--------------------|
| 1 (character) | 2 (character) | 3 (character) | 4 (character) | 5 (character) | 6 (character) | 7 (character) |
| 부문 (section) | 신체계통 (body system) | 루트수술 (root operation) | 신체부분 (body part) | 접근방법 (approach) | 장치 (device) | 한정어 (Qualifier) |

① 자리(Character)의 특징

표13. ICD-10-PCS 코드 구조 자리표기 예시

| | | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 1 (character) | 2 (character) | 3 (character) | 4 (character) | 5 (character) | 6 (character) | 7 (character) |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|

- 7개의 character(자리) 구성
- 자리 개별단위는 문자와 숫자로 표시

② Values(값)의 특징

- 문자 (A~H 까지 8개 / J~N 까지 5개 / P~Z 까지 11개) 숫자 (0~9 까지 10개)로 총 34개의 값이 가능 (알파벳 I, O 는 숫자 1 과 0 이 혼동이 되므로 제외)
- 0C9500Z : 이 코드는 7개의 자리 각각에 대해 특별한 값을 선택하여 만들어짐
- 시행된 시술에 대한 세부내용에 근거하여, 부문, 신체계통, 루트수술, 신체부분, 접근방법, 장치, 한정어를 나타내는 각 자리에 대한 값이 부여
- ※ [일례로 치과부분 0C9500Z 코드의 각 자리에 대한 설명으로 풀이함]

라. ICD-10 PCS Code 분류표

EX) 0C9500Z: Drainage of Upper Gingiva with Drainage Device, Open Approach

- 각각의 분류표에는 4개의 종렬과 몇 줄의 열이 제시
- 종렬: 자리 4~7에 대해 허용되는 값을 표시
- 열: 값의 조합을 명시
- 조합 가능한 목록이 제시

표14. ICD-10 PCS Code 분류표
(2017-Official-ICD-10-PCS-Coding-Guidelines.2017 참조)

| Medical & Surgical » Mouth & Throat » Drainage 0 Position 1 ⇒ Section — Medical and Surgical C Position 2 ⇒ Body System — Mouth and Throat 9 Position 3 ⇒ Root Operation — Drainage | | | |
|---|--|-------------------------|----------------------------|
| Body Part (character 4) | Approach (character 5) | Device (character 6) | Qualifier (character 7) |
| 0 = Upper Lip 1 = Lower Lip 2 = Hard Palate 3 = Soft Palate 4 = Buccal Mucosa 5 = Upper Gingiva 6 = Lower Gingiva 7 = Tongue N = Uvula P = Tonsils Q = Adenoids | 0 = Open 3 = Percutaneous X = External | 0 = Drainage Device | Z = No Qualifier |

마. ICD-10-PCS 치과부문 코드목록 예

표15. ICD-10-PCS 치과부문 코드목록 예시

| | |
|---------|---|
| 0C5XXZ2 | Destruction of Lower Tooth, All, External Approach |
| 0C9W000 | Drainage of Upper Tooth with Drainage Device, Open Approach, Single |
| 0CBW0Z0 | Excision of Upper Tooth, Open Approach, Single |
| 0CBW0Z1 | Excision of Upper Tooth, Open Approach, Multiple |
| 0CCW0Z0 | Extirpation of Matter from Upper Tooth, Single, Open Approach |
| 0CCW0Z1 | Extirpation of Matter from Upper Tooth, Multiple, Open Approach |
| 0CMXXZ2 | Reattachment of Lower Tooth, All, External Approach |
| 0CNW0Z0 | Release Upper Tooth, Single, Open Approach |
| 0CSXXZ2 | Reposition Lower Tooth, All, External Approach |
| 0CTW0Z0 | Resection of Upper Tooth, Single, Open Approach |

① ICD-10-PCS 코드의 자리 별 구조의 구체적 설명

표16. ICD-10-PCS 코드의 자리 별 구조의 구체적 예시
(2017-Official-ICD-10-PCS-Coding-Guidelines.2017 참조)

| | | |
|----------------------|-----------------------------------|---|
| Section(부문) | Medical and surgical (내과적 및 외과적) | 0 |
| Body System(바디 시스템) | Mouth and Throat | C |
| Root Operation(루트수술) | Drainage | 9 |
| Body Part(신체부분) | Upper Gingiva | 5 |
| Approach(접근방법) | Open | 0 |
| Device(장치) | Drainage Device | 0 |
| Qualifier | No Qualifier | Z |

i. 1번째 자리(character) 부문(section)구성 내용설명

표17. 1번째 자리(character) 부문(section)구성 내용설명 분류
(2017-Official-ICD-10-PCS-Coding-Guidelines.2017 참조)

| 부문 | 내용 |
|----|---|
| 0 | Medical and surgical (내과적 및 외과적) |
| 1 | Obstetrics (산과적시술) |
| 2 | Placement (배치) |
| 3 | Administration (투여) |
| 4 | Measurement and Monitoring (측정 및 모니터링) |
| 5 | Extracorporeal Assistance and Performance (체외 보조 및 수행) |
| 6 | Extracorporeal Therapies (체외치료) |
| 7 | Osteopathic (정골의학적 시술) |
| 8 | Other Procedures (기타시술) |
| 9 | Chiropractic (지압) |
| B | Imaging(영상의학) |
| C | Nuclear Medicine(핵의학) |
| D | Radiation Oncology(방사선 종양학) |
| F | Physical Rehabilitation and Diagnostic Audiology (재활의학 및 진단적 청력학) |
| G | Mental Health (정신건강) |
| H | Substance Abuse Treatment (물질남용 치료) |

| 첫 번째 자리 (부문) | 두 번째 자리 (신체계통) | 세 번째 자리 (루트수술) | 네 번째 자리 (신체부분) | 다섯 번째 자리 (접근방법) | 여섯 번째 자리 (장치) | 일곱 번째 자리 (한정어) |
|----------------------|----------------|----------------|----------------|-----------------|---------------|----------------|
| 0 | | | | | | |
| medical and surgical | | | | | | |

ii. 1번째 자리(character) 부문(section) 특징

- 구성은 숫자 0~9 (내외과적부문, 내외과적관련부문) 과 문자 B~D,F~H (기타부문)로 나타냄
- 첫째자리는 광범위한 시술의 범주 또는 코드를 찾을 수 있는 부문을 결정

iii. 2번째 자리(character) 신체계통(body system) 구성 내용설명

표18. 2번째 자리(character) 신체계통(body system) 구성 분류
(2017-Official-ICD-10-PCS-Coding-Guidelines.2017 참조)

| | |
|---|---------------------------------------|
| 0 | Central Nervous System |
| 1 | Peripheral Nervous System |
| 2 | Heart and Great Vessels |
| 3 | Upper Arteries |
| 4 | Lower Arteries |
| 5 | Upper Veins |
| 6 | Lower Veins |
| 7 | Lymphatic and Hemic System |
| 8 | Eye |
| 9 | Ear, Nose, Sinus |
| B | Respiratory System |
| C | Mouth and Throat |
| D | Gastrointestinal System |
| F | Hepatobiliary System and Pancreas |
| G | Endocrine System |
| H | Skin and Breast |
| J | Subcutaneous Tissue and Fascia |
| K | Muscles |
| L | Tendons |
| M | Bursae and Ligaments |
| N | Head and Facial Bones |
| P | Upper Bones |
| Q | Lower Bones |
| R | Upper Joints |
| S | Lower Joints |
| T | Urinary System |
| U | Female Reproductive System |
| V | Male Reproductive System |
| W | Anatomical Regions, General |
| X | Anatomical Regions, Upper Extremities |
| Y | Anatomical Regions, Lower Extremities |

| 첫 번째자리 (부문) | 두 번째 자리 (신체계통) | 세 번째자리 (루트수술) | 네 번째자리 (신체부분) | 다섯 번째 자리 (접근방법) | 여섯 번째자리 (장치) | 일곱 번째 자리 (한정어) |
|----------------------------|----------------------|------------------|------------------|-----------------------|--------------------|----------------------|
| 0 | C | | | | | |
| medical and surgical | Mouth and throat | | | | | |

iv. 2번째 자리(character) 신체계통(body system) 의 특징

- 두 번째 자리는 신체계통을 의미하는데 일반 생리적 계통이나 관련된 해부학적 부위를 나타냄
- 숫자는 0~9까지 10개, 문자는 B~Y까지 21개 (A와,O를 제외) 총 31개의 신체계통으로 나뉨

v. 3번째 자리(character) 루트수술(root operation) 구성 내용설명

표19. 3번째 자리(character) 루트수술(root operation) 구성 분류
(2017-Official-ICD-10-PCS-Coding-Guidelines.2017 참조)

| | |
|---|---------------|
| 0 | Alteration |
| 2 | Change |
| 5 | Destruction |
| 7 | Dilation |
| 9 | Drainage |
| B | Excision |
| C | Extirpation |
| D | Extraction |
| F | Fragmentation |
| H | Insertion |
| J | Inspection |
| L | Occlusion |
| M | Reattachment |
| N | Release |
| P | Removal |
| Q | Repair |
| R | Replacement |
| S | Reposition |
| T | Resection |
| V | Retraction |
| W | Revision |
| U | Supplement |
| X | Transfer |

| 첫 번째자리 (부문) | 두 번째 자리 (신체계통) | 세 번째자리 (루트수술) | 네 번째자리 (신체부분) | 다섯 번째 자리 (접근방법) | 여섯 번째자리 (장치) | 일곱 번째 자리 (한정어) |
|-------------------------|----------------------|------------------|------------------|-----------------------|--------------------|----------------------|
| 0 | C | 9 | | | | |
| medical and surgical | Mouth and throat | Drainage | | | | |

vi. 3번째 자리(character) 루트수술(root operation) 의 특징

- 세 번째 자리는 루트수술 또는 시술의 목적을 정의함- 2번째 자리와 마찬가지로 숫자는 0~9까지 10개, 문자는 B~Y까지 21개 (A와,O를 제외) 총 31개의 루트수술로 나뉘짐

vii. 4번째 자리(character) 신체부분(body part) 구성 내용설명

표20. 4번째 자리(character) 신체부분(body part) 구성분류
(2017-Official-ICD-10-PCS-Coding-Guidelines.2017 참조)

| 신체부분(body part) | |
|-----------------|---------------|
| 0 | Upper Lip |
| 1 | Lower Lip |
| 2 | Hard Palate |
| 3 | Soft Palate |
| 4 | Buccal Mucosa |
| 5 | Upper Gingiva |
| 6 | Lower Gingiva |
| 7 | Tongue |
| N | Uvula |
| P | Tonsils |
| Q | Extirpation |

| 첫 번째자리 (부분) | 두 번째 자리 (신체계통) | 세 번째자리 (루트수술) | 네 번째자리 (신체부분) | 다섯 번째 자리 (접근방법) | 여섯 번째자리 (장치) | 일곱 번째 자리 (한정어) |
|----------------------|------------------|---------------|---------------|-----------------|--------------|----------------|
| 0 | C | 9 | 5 | | | |
| medical and surgical | Mouth and throat | Drainage | Upper Gingiva | | | |

viii. 4번째 자리(character) 신체부분(body part) 의 특징

- 네 번째 자리는 신체부분 혹은 시술이 시행되는 특정 해부학적 위치를 정의
- 신체계통은 시술부위에 대한 일반적인 표시만을 제공, 신체부분과 신체계통의 값이 함께 시술부위에 대한 세밀한 내용을 제공함

ix. 5번째 자리(character) 접근방법 (approach)의 구성 내용설명

표21. 5번째 자리(character) 접근방법 (approach)의 구성 분류
(2017-Official-ICD-10-PCS-Coding-Guidelines.2017 참조)

| 접근방법 (approach) | |
|-----------------|--------------------------|
| 0 | open |
| 3 | Percutaneous (경피적:피부를통한) |
| X | External |

| 첫 번째자리 (부문) | 두 번째 자리 (신체계통) | 세 번째자리 (루트수술) | 네 번째자리 (신체부분) | 다섯 번째 자리 (접근방법) | 여섯 번째자리 (장치) | 일곱 번째 자리 (한정어) |
|-------------------------|----------------------|------------------|------------------|-----------------------|--------------------|----------------------|
| 0 | C | 9 | 5 | 0 | | |
| medical and surgical | Mouth and throat | Drainage | Upper Gingiva | open | | |

x. 5번째 자리(character) 접근방법 (approach)의 특징

- 다섯째 자리는 시술부위에 접근하는데 사용되는 접근 방법이나 기술을 정의함
- 내.외과적 부문에서는 총 8개의 다른 접근 방법 값이 사용됨

xi. 6번째 자리(character) 장치(device) 의 구성 내용설명

표22. 6번째 자리(character) 장치(device) 의 구성 분류
(2017-Official-ICD-10-PCS-Coding-Guidelines.2017 참조)

| 장치(device) | |
|------------|-----------------|
| 0 | Drainage Device |
| Z | No device |

| 첫 번째자리 (부문) | 두 번째 자리 (신체계통) | 세 번째자리 (루트수술) | 네 번째자리 (신체부분) | 다섯 번째 자리 (접근방법) | 여섯 번째자리 (장치) | 일곱 번째 자리 (한정어) |
|-------------------------|----------------------|------------------|------------------|-----------------------|--------------------|----------------------|
| 0 | C | 9 | 5 | 0 | 0 | |
| medical and surgical | Mouth and throat | Drainage | Upper Gingiva | open | Drainage Device | |

xii. 6번째 자리(character) 장치(device) 의 특징

- 6번째 자리는 장치(device)를 나타냄
- 시행된 시술에 따라 시술후 장치를 남겨둘 수도 있고, 아닐 수도 있음
- 접근방법 대신 기간(duration)으로 정의할때도 있음

xiii. 7번째 자리(character) 한정어 (Qualifier)의 구성 내용설명

표23. 7번째 자리(character) 한정어 (Qualifier)의 구성 분류
(2017-Official-ICD-10-PCS-Coding-Guidelines.2017 참조)

| 한정어 (Qualifier) | |
|-----------------|--------------|
| 1 | No Qualifier |

| 첫 번째자리 (부문) | 두 번째 자리 (신체계통) | 세 번째자리 (루트수술) | 네 번째자리 (신체부분) | 다섯 번째 자리 (접근방법) | 여섯 번째자리 (장치) | 일곱 번째 자리 (한정어) |
|-------------------------|----------------------|------------------|------------------|-----------------------|--------------------|----------------------|
| 0 | C | 9 | 5 | 0 | 0 | Z |
| medical and surgical | Mouth and throat | Drainage | Upper Gingiva | open | Drainage Device | No Qualifier |

xiv. 7번째 자리(character) 한정어 (Qualifier)의 특징

- 한정어를 정의
- 한정어 선택은 이전에 선택된 값에 따라 달라짐
- 이 시술에 경우 특정 한정어가 없으므로 한정어 없음 'Z(No Qualifier)'로 선택

② Mouth & Throat, Drainage 의 분류 개요표

표24. Mouth & Throat, Drainage 의 분류개요표 예시
(2017-Official-ICD-10-PCS-Coding-Guidelines.2017 참조)

| Medical & Surgical » Mouth & Throat » Drainage | | | |
|---|--|------------------------|--------------------------------|
| 0 Position 1 ⇒ Section — Medical and Surgical | | | |
| C Position 2 ⇒ Body System — Mouth and Throat | | | |
| 9 Position 3 ⇒ Root Operation — Drainage | | | |
| Body Part (Position 4) | Approach (Position 5) | Device (Position 6) | Qualifier (Position 7) |
| 0 = Upper Lip 1 = Lower Lip 2 = Hard Palate 3 = Soft Palate 4 = Buccal Mucosa 5 = Upper Gingiva 6 = Lower Gingiva 7 = Tongue N = Uvula P = Tonsils Q = Adenoids | 0 = Open 3 = Percutaneous X = External | 0 = Drainage Device | Z = No Qualifier |
| 0 Upper Lip 1 Lower Lip 2 Hard Palate 3 Soft Palate 4 Buccal Mucosa 5 Upper Gingiva 6 Lower Gingiva 7 Tongue N Uvula P Tonsils Q Adenoids | 0 Open 3 Percutaneous X External | Z No Device | X Diagnostic Z No Qualifier |
| 8 Parotid Gland, Right 9 Parotid Gland, Left B Parotid Duct, Right C Parotid Duct, Left D Sublingual Gland, Right F Sublingual Gland, | 0 Open 3 Percutaneous | 0 Drainage Device | Z No Qualifier |

| Medical & Surgical » Mouth & Throat » Drainage 0 Position 1 ⇒ Section — Medical and Surgical C Position 2 ⇒ Body System — Mouth and Throat 9 Position 3 ⇒ Root Operation — Drainage | | | |
|--|--|----------------------------------|---------------------------------|
| Body Part (Position 4) | Approach (Position 5) | Device (Position 6) | Qualifier (Position 7) |
| Left G Submaxillary Gland, Right H Submaxillary Gland, Left J Minor Salivary Gland | | | |
| M Pharynx R Epiglottis S Larynx T Vocal Cord, Right V Vocal Cord, Left | 0 Open 3 Percutaneous 4 Percutaneous Endoscopic 7 Via Natural or Artificial Opening 8 Via Natural or Artificial Opening Endoscopic | 0 Drainage Device | Z No Qualifier |
| M Pharynx R Epiglottis S Larynx T Vocal Cord, Right V Vocal Cord, Left | 0 Open 3 Percutaneous 4 Percutaneous Endoscopic 7 Via Natural or Artificial Opening 8 Via Natural or Artificial Opening Endoscopic | Z No Device | X Diagnostic Z No Qualifier |
| W Upper Tooth X Lower Tooth | 0 Open X External | 0 Drainage Device Z No Device | 0 Single 1 Multiple 2 All |

- 위 표를 참조하여 코드의 내용을 확인 할 수 있음

바. ICD-10-PCS 의 부가적 특성

① 표준화된 용어

임상어휘로 흔히 사용되는 단어는 여러 개의 의미를 가질 수 있음. 이는 혼란을 유발할 수 있으며, 부정확한 데이터를 초래함. ICD-10-PCS는 표준화 되어 있으며 자급식이다. 분류체계에서 사용된 자리와 값은 체계 내에서 정의됨. 예를 들어 "excision"이라는 단어는 광범위하고 다양한 수술적 시술을 나타내는데 이용."excision"이라는 단어는 단독의 특정 수술 목적을 나타내는데 “대치 없이 신체부분의 일부를 잘라내는 것”으로 정의

② 시술명 불 포함

ICD-10-PCS 코드 명칭은 이름에 의한 시술명(eponym)과 흔한 시술명을 포함하지는 않음, 이름에 의한 시술명(eponym)이나 특정 시술명 보다는 루트수술에서 정의된 일반적 목적에 따라 ICD-10-PCS는 자리와 값의 형태로 지속성 있는 용어를 사용함으로써 과거, 현재, 미래 시술을 정확하게 정의할 능력을 보존함

③ 병합코드 없음

ICD-10-PCS는 하나의 코드로 여러 개의 시술을 정의하지 않음

④ 상세성 수준의 표준화

ICD-10-PCS는 각 코드에 표준화된 수준의 상세성을 부여하므로, 각 코드는 하나의 시술명만을 나타냄

⑤ 진단정보의 배제

진단에 관한 정보가 코드 명칭에서 제외되어 있음 시술 코드가 아닌 진단코드가 시술이 시행되는 이유를 명시

* 한국 치과 의료행위 분류체계에 대입하기에는 구체적인 근관치료와 같은 세부적인 치과 치료행위에 대한 세부나열이 힘듦

사. ICD-10-PCS 코드의 수

표25. ICD-10-PCS 코드의 수 분류
(2017-Official-ICD-10-PCS-Coding-Guidelines.2017 참조)

| Section | Codes |
|---|---------------|
| Medical and Surgical | 62,123 |
| Obstetrics | 338 |
| Placement | 864 |
| Administration | 1,435 |
| Measurement and Monitoring | 326 |
| Extracorporeal Assistance and Performance | 43 |
| Extracorporeal Therapies | 42 |
| Osteopathic | 100 |
| Other Procedures | 60 |
| Chiropractic | 90 |
| Imaging | 2,673 |
| Nuclear Medicine | 463 |
| Radiation Oncology | 1,929 |
| Rehabilitation and Diagnostic Audiology | 1,382 |
| Mental Health | 30 |
| Substance Abuse Treatment | 59 |
| Total | 71,957 |

C. CPT (Current Procedural Terminology)

가. 개요

- 의사의 진료서비스, 병원의 외래환자, 통원수술센터, 기타 외래진료환경에서의 의료 서비스와 의료행위를 적용 대상으로 함
- 미국의학협회[the American Medical Association, 이하 AMA]에서 운영

나. 개발

- AMA가 의사 및 기타 의료제공자가 시행하는 의료 서비스와 의료행위를 기술하기 위하여 CPT를 개발
- 의료행위 용어이므로 진단 내용을 담고 있지 않음.
- 매년 1월 1일 개정된 내용이 발효됨.

다. 목적

- 의사 환자 제3자 간에 신뢰 할 수 있는 의사소통의 효과적인 수단으로서 사용될 균일한 용어를 제공하는 것

라. 현황

- CPT는 의사서비스, 많은 비의사 서비스, 및 병원외래진료실 및 통원수술센터에서 시행되는 수술 서비스를 보고하기 위해 사용
- CPT가 원래 진료비청구를 위해 가능하면 정확하게 의사서비스를 보고하기 위한 방안으로 개발되었지만, 이제 의료 추이분석, 기획, 벤치마킹, 진료의 질 측정에도 사용

마. 코드구조CPT는 3가지 유형의 코드로 구성

- category I
- category II
- category III

① category I 코드

- 의료기술 또는 서비스의 5자리의 숫자코드.
- 보편적인치료
- 미국식품의약청[Food and Drug Administration, 이하 FDA]에서 승인되었거나 CPT 개정주기 내에 승인이 임박한 것
- 임상적 효과성이 증명된 것
 - ※ 위내용을 충족해야함

i. 코드사례

- 99253 (Initial inpatient consultation 초기 입원 상담)
- 11770 (Excision of pilonidal cyst or sinus; simple 낭종 또는 부비동의 절제술)

- 33512 (Coronary artery bypass, vein only, four coronary venous grafts 네 개의 관상 동맥 정맥 이식을 정맥)
- 62270 (Spinal puncture, lumbar, diagnostic 척추 천자, 요추, 진단)
- 76498 (Unlisted diagnostic radiographic procedures 비상장 진단 방사선 절차)
- 78205 (Liver imaging (SPECT) 간 영상)
- 86900 (Blood typing, ABO 혈액형)

ii. category I 은 크게 6개의 주요 부분으로 구성

- ㉠ Evaluation(평가) & Management(관리) Codes (99201~99499)
 - 장소, 초/재진, 검진, 병력, 의학적 의사결정, 소요시간, 상담(외래/입원)
- ㉡ Anesthesia(마취) Codes (00100~01999, 99100~99140)
 - 시간, 마취재료, 시술의 난이도, 횟수, 등77

표26. Anesthesia(마취) Codes의 분류 표 (CPT.2013 참조)

| 범주 | 포함 및 제외 기준 | |
|-------------------------------|--------------------------------|-------------|
| Head | | 00100-00222 |
| Neck | | 00300-00352 |
| Thorax | chest wall and shoulder girdle | 00400-00474 |
| Intrathoracic | | 00500-00580 |
| Spine and spinal cord | | 00600-00670 |
| Upper abdomen | | 00700-00797 |
| Lower abdomen | | 00800-00882 |
| Peritoneum | | 00902-00952 |
| Pelvis | hip 제외 | 01112-01190 |
| Upper leg | knee 제외 | 01200-01274 |
| Knee and popliteal are | | 01320-01444 |
| Lower leg | below knee ankle and foot 포함 | 01462-01522 |
| Shoulder and axilla | | 01610-01682 |
| Upper arm and elbow | | 01710-01782 |
| Forearm, wrist, and hand | | 01810-01860 |
| Radiological procedures | | 01916-01936 |
| Burn excisions or debridement | | 01951-01953 |
| Obstetric | | 01958-01969 |
| Other procedures | | 01990-01999 |

㉔ surgery(수술) codes (10040~69979)

- 수술부문은 CPT 내에서 가장 큰 부문임
- 신체계통에 따라 하위부문으로 나뉨. 각각의 하위부문 내에서 신체부위, 시술의 유형, 시술 내에서 신체부위 순으로 하위분류됨.
- 주사, 절개, 절제, 내시경술, 복원, 등

㉕ radiology(방사선)codes (70010~79999)

- 방사선 부문 내에서 하위부문은 진단적 의료행위의 유형, 신체부위에 따라 나뉨.

표27. radiology(방사선)codes 분류 표 (CPT.2013 참조)

| 범주 | 하위범주 | 세분 |
|----------------------|----------------------------------|---|
| Diagnostic radiology | Diagnostic imaging | |
| | Computed tomographic scan | abdomen extremity, lower extremity, upper head or brain maxillofacial area neck, soft tissue orbit, sella, or posterior fossa or pelvis outer, middle, or inner ear spine, cervical spine, lumbar spine, thoracic thorax abdomen and pelvis unlisted computed tomography procedure |
| | Computed tomographic angiography | abdomen chest extremity, upper extremity, lower head neck pelvis abdomen and pelvis |
| | Magnetic resonance imaging | abdomen bone marrow blood supply |

- ⑤ pathology(병리) and laboratory(실험) codes (80049~89399)
 - 병리 및 임상병리 부문 내에서 하위부문은 시행된 진단적 의료행위의 유형에 따라 나뉨
- ⑥ Medicine(의학) codes (90701~99199)
 - 다른 곳에 분류하기 적합하지 않은 의료행위를 기술하는 코드
- ⑦ 6개의 부문 외에 추가로 도입부, 색인 및 9개의 부록이 있음.
- ⑧ 부록의 내용은 다음과 같음:
 - 부록A. 수식어[Modifiers]: 개념 확장자(concept extenders)
 - 부록B. 추가, 삭제, 및 개정 내용 요약[Summary of additions, deletions, and revisions]
 - 부록C. 임상 사례[Clinical examples]
 - 부록D. CPT 추가코드 요약[Summary of CPT add-on codes]
 - 부록E. 수식어-51(다중의료행위)이 면제되는 CPT 코드 요약[Summary of CPT codes exempt from modifier-21(multiple procedures)]
 - 부록F. 수식어-63이 면제되는 CPT 코드 요약[Summary of CPT codes exempt from modifier-63]
 - 부록G. 의식이 있는 진정을 포함하는 CPT 코드 요약[Summary of CPT codes that include conscious sedation]
 - 부록H. 임상 병태 또는 주제별 성과측정에 대한 알파벳색인[Alphabetic index of performance measures by clinical condition or topic]
 - 부록I. 유전자 검사 코드 수식어[Genetic testing code modifiers]
- ⑨ category II 코드
 - 5자리의 알파벳숫자코드로 5번째 자리에 F를 부여

i. 코드 사례: Category II

- 0509F Urinary incontinence plan of care documented
- 0518F Falls plan of care documented
- 0521F Plan of care to address pain documented
- 1031F Smoking status and exposure to second hand smoke in the home assessed
- 1032F Current tobacco smoker OR currently exposed to secondhand smoke
- 1033F Current tobacco non-smoker AND not currently exposed to secondhand smoke
- 1034F Current tobacco smoker
- 1035F Current smokeless tobacco user (chew, snuff)
- 1036F Current tobacco non-user
- 1090F Presence or absence of urinary incontinence assessed
- 1091F Urinary incontinence characterized (frequency, volume, timing, symptoms)

ii. 코드분류

- 0001F-0015F Composite Measures
- 0500F-0584F Patient Management
- 1000F-1505F Patient History
- 2000F-2060F Physical Examination
- 3006F-3776F Diagnostic/Screening Processes or Results
- 4000F-4563F Therapeutic, Preventive or Other Interventions

- 5005F-5250F Follow-up or Other Outcomes
- 6005F-6150F Patient safety 7010F-7025F Structural Measures
- 9001F-9007F Non-Measure Claims Based Reporting
- 평가 및 관리[Evaluation and Management, 이하 E&M] 코드에 부가로 사용
- 의료의 질에 대한 데이터 수집을 촉진하기 위해 만들어짐. 성과측정을 지원하며, 환자 진료의 긍정적인 측면에 기여하는 것으로 합의된 특정 서비스에 대한 코드, 코드의 사용은 선택적
- category I 코드와 결합하여 사용되는 것이며 단독으로 사용될 수 없음

③ category III 코드

- 5번째 자리에 T를 부여

i. category III 코드 사례

- 0012T (Arthroscopy, knee, surgical, implantation of osteochondral graft[s] for treatment of articular surface defect; autograft) and 0013T (allograft). 관절 무릎, 관절 표면 결함의 치료를 위한 골 연골 이식술(들)의 수술, 이식, 자가 이식 구분가능
- 0058T Cryopreservation, reproductive tissue, ovarian 냉동 보존, 생식 조직, 난소 구분가능
- 새로운 기술에 대한 임시 코드를 나타냄
- category III 코드는 5년 후 장기보관 대상으로 분류
- 이후 category I 에 추가여부 결정됨 .
- 연2회 업데이트

바. 코드 개정 및 업데이트

- CPT 편집단[Editorial Panel]: CPT 자문위원회의 도움으로 개발
- 17명으로 구성, 11명은 AMA에 의해 지정, 나머지는 민간보험사와 CMS등에서 지명
- CDT코드의 유지, 수정, 삭제 등의 편집활동
- 연3회 회의를 통해 신기술 검토, 오래된 의료행위 삭제
- 편집단내 11개의 AMA 자리는 4년 임기를 최대 2번 연임할 수 있음. 개인당 최대 8년
- 주로 전문분야별 학회, 의사, 병원, 보험사, 이해관계당사자가 편집 요청
- 편집단내 5명의 구성원은 편집단의 집행위원회의 위원으로 활동함. 집행위원회는 의장, 부의장, 전체 편집단에서 선출된 3명의 대표위원으로 구성됨. 3명의 대표위원 중 한명은 제3자인 보험사의 대표이어야 함.
- CPT 자문위원회는 모든 주요 전문분야별 학회 및 AMA HCPAC(Healthcare Professionals Advisory Committee)의 대표자로 구성
- CPT 자문위원회의 위원의 전문분야와 관련된 의료행위의 코딩과 적합한 명명법(nomenclature)에 대한 의견 제공

D. HCPCS (Healthcare Common Procedure Coding System)

가. 개요

의료분야공통의료행위코딩체계[Healthcare Common Procedure Coding System, 이하 HCPCS]는 전문가 서비스, 의료행위, 및 물품을 보고하는데 사용하는 의료제공자와 의료공급자를 위한 표준화된 시스템

나. 목적

CPT 시스템을 이용하여 코드화할 수 없기 때문에 HCPCS 시스템을 개발
메디케어/메디케이드 진료청구 프로그램의 운영상 필요, HCPCS는 진료비청구 만을 위해 사용되는 것이 아니라 벤치마킹, 트렌드분석, 기획 및 의료의 질 평가에도 이용, 청구를 처리하는데 사용하는 코딩 시스템을 표준화하기 위해 개발

다. 코드구조

표28. Healthcare Common Procedure Coding System 코드의 예

| CODE RANGE | HCPCS SECTIONS | |
|-----------------|--|---------------------------------|
| A0021-A0999 | Ambulance and Other Transport Services and Supplies (A0021- A0999) | 구급차 및 기타 운송 서비스 및 소모품 |
| A4206-A8004 | Medical And Surgical Supplies(A4206-A8004) | 의료 외과 용품 |
| A9150-A9999 | Administrative, Miscellaneous and Investigational (A9150-A9999) | 관리, 기타 및 임상 시험용 |
| B4034-B9999 | Enteral and Parenteral Therapy (B4034-B9999) | 장내 및 비경 치료 |
| C1713-C9899 | Outpatient PPS (C1713-C9899) | 외래 환자 PPS |
| E0100-E8002 | Durable Medical Equipment (E0100-E8002) | 내구성 의료 장비 |
| G0008-G9686 | Procedures / Professional Services (G0008-G9677) | 절차 / 전문 서비스 |
| H0001-H2037 | Alcohol and Drug Abuse Treatment (H0001-H2037) | 알코올 및 약물 치료 |
| J0120-J8999 | Drugs Administered Other than Oral Method (J0120-J8999) | 구강 방법 이외의 관리 대상 약물 |
| J9000-J9999 | Chemotherapy Drugs (J9000-J9999) | 화학 요법 약물 |
| K0001-K0902 | Durable medical equipment (DME) Medicare administrative contractors (MACs) (K0001-K0902) | 내구성 의료 장비 (DME) 메디케어 행정 계약자 (맥) |
| L0112-L4631 | Orthotic Procedures and services (L0112-L4631) | 정형용 절차 및 서비스 |
| L5000-L9900 | Prosthetic Procedures (L5000-L9900) | 보철 절차 |
| M0075-M0301 | Miscellaneous Medical Services (M0075-M0301) | 기타 의료 서비스 |
| P2028-P9615 | Pathology and Laboratory Services (P2028-P9615) | 병리학 및 실험실 서비스 |
| Q0035-Q9983 | Temporary Codes (Q0035-Q9999) | 임시 코드 |
| R0070-R0076 | Diagnostic Radiology Services (R0070-R0076) | 진단 방사선 서비스 |
| S0012-S9999 | Temporary National Codes (Non-Medicare) (S0012-S9999) | 임시 국가 코드 (비 메디 케어) |
| T1000-T5999 | National Codes Established for State Medicaid Agencies (T1000-T5999) | 주 메디케이드 기관을 위해 설립 된 국가 코드 |
| V2020-V2799 | Vision Services (V2020-V2799) | 비전 서비스 |
| V5008-V5364 | Hearing Services (V5008-V5364) | 청각 서비스 |
| hcpcs-modifiers | hcpcs-modifiers Modifiers for HCPCS codes | HCPCS 코드에 대한 수정 |

라. HCPCS 코드에 대한 수정

HCPCS는 level I, level II, 와 같이 두 가지 하부시스템으로 나뉨

① 레벨 I 구성

- HCPCS level I은 CPT 코딩시스템으로 구성, 5자리 알파벳 숫자형코드
- 미국의학협회(AMA)가 관리하고 발간하는 시스템

② 레벨 II 구성

- 하나의 알파벳 문자와 4개의 숫자로 구성
- CPT 에 포함되지 않은 제품, 물품, 서비스를 분류하는데 사용
- HCPCS 코드의 추가, 삭제, 수정에 대한 의사결정은 보험급여 및 지불에 대한 의사결정 절차와는 별도로 시행
- 코드는 CMS에 의해 매년 업데이트
- 메디케어와 메디케이드 수급자에게 제공되는 대부분의 의료 서비스와 물품을 청구하는데 요구되는 코드

마. HCPCS 레벨 II 코드의 유형

코드의 사용목적과 이를 만들고 관리하는데 책임이 있는 기관에 따라 몇 가지 유형이 구성

① 영구 국가코드[permanent national codes]

- 영구 국가코드는 HCPCS 국가패널[national panel]이 운영하며, 민간 및 공공 보험자가 공동 관리하는 표준화된 코딩시스템을 제공
- 국가패널은 미국건강보험협회 대표자로 구성, 코드의 추가, 삭제, 개정에 대한 의사결정

② 치과 코드[dental codes]

- 미국치과협회(ADA)에 의해 출간되는 최신치과용어[current dental terminology, CDT]에 치과 의료행위 및 물품을 청구하기 위해 사용되는 코드가 수록되어 있다.

③ 기타 코드[miscellaneous codes]

- 공급자가 항목이나 서비스에 대한 청구서를 제출하려는데 청구될 항목이나 서비스를 적절하게 기술할 국가코드가 없는 경우 기타 코드가 사용된다. 이 코드에는 다방면에 걸친 또는 달리 분류되지 않는 코드가 포함되어 있어, 적절하게 맞는 코드가 아니더라도 공급자가 서비스나 항목에 대해 FDA가 승인하는 즉시 바로 청구를 시작할 수 있게 한다.
- 신규코드 요청에 대해 CMS가 검토 중인 기간 중에도 기타코드는 사용될 수 있다. 기타 코드의 활용으로 거의 공급되지 않거나 청구량이 극소수일 것으로 예상되는 항목이나 서비스에 대해 별도의 코드를 부여하는 것의 비효율을 피할 수 있다.

④ 임시 국가코드[temporary national codes]

- 국가패널의 기타 구성원과 CMS가 임시 국가코드를 운영하는데, 이는 영구 국가코드와

는 별개이다.

- 임시 국가코드는 보험자에게 융통성을 주는데, 영구 국가코드에 대한 차기 연간 업데이트 전에 또는 영구 국가코드에 대한 합의에 이를 때까지 필요한 코드를 만들 수 있게 한다. 임시코드는 HCPCS level II 코드의 35%에 이른다.
- 임시코드는 분기별로 변경될 수 있다. 코드는 도입하는데 전형적으로 120일~180일이 소요되는데, 이는 공급자에게 보낼 도입안내문을 준비하고 발행하고, 새로운 코드를 CMS 및 계약자의 전산시스템에 반영하고 사용자 교육을 시작하는데 필요한 시간이다.

유형별 임시코드는 다음과 같다:

- C codes : 병원 외래환자 전향적지불시스템[prospective payment system]에 사용된다.
- G codes : CPT에서 달리 코딩될 수 있으나 CPT 코드가 없는 경우, 전문가에 의한 의료 행위와 서비스를 분류하기 위해 사용된다.
- Q codes : 국가 level II 코드로 분류되지 않으나, 청구처리 목적으로 코드가 필요한 약물과 기타 유형의 의료서비스와 같은, CPT 코드가 부여되지 않을 서비스를 분류하기 위해 사용된다.
- K codes : 현재 영구 국가코드가 없으나 DMERC 의학적 검토정책을 이행하기 위해 필요한 경우, 의료 내구재 지역중개인[durable medical equipment regional carriers, DMERC]에 의해 사용된다.
- S codes : BCBSA와 AHIP에 의해 사용된다. 국가코드가 없으나 정책이나 프로그램 또는 청구처리 목적으로 민간 부문에서 코드가 필요한 경우, 약물 서비스 물품을 보고하는데 사용된다.
- T codes : 주(state) 메디케이드 기관에서 사용하기 위해 설계되었다. 영구 국가코드가 없는 항목에 대한 코드와 메디케이드 프로그램을 운영하기 위해 필요한 코드를 만들기 위해서임. T 코드는 메디케어에 의해 사용되지 않으나 민간 보험자는 사용할 수 있음.

HCPCS level II 국가코드는 다양한 생산자가 만든 수백만 개의 상품을 유사한 항목 및 서비스로 분류하여 4,000개 이상의 독립된 범주로 통합코드에 부여되는 명칭은 그 코드를 사용하여 청구될 수 있는 항목 및 서비스에 대한 공식적인 정의를 나타낸다.

바. 개정 및 업데이트 절차

- HCPCS 제품, 물품, 및 서비스에 대한 공개회의로 진행
- 신청내용이 반영되지 않은 경우 의사결정을 재고하도록 청원, 동일한 코딩 주기 동안 신청내용을 재고할 기회가 있음
- 모든 임시결정사항을 공개회의 전에 CMS 웹사이트에 공개

E. ICHI (International Classification of Health Intervention)

가. 개요

- 현재 사용 중인 의료행위분류체계는 급성기 치료에 대한 중재행위에 집중, 예방 등 건강증진 및 보건사업관련 의료행위분류 부족, 재활치료 등에 대한 의료행위분류가 제한적임, 국가별로 개별적인 분류체계를 사용하게 됨으로써 국제적 비교가 곤란함 등과 같은 제한점이 있음
- 각 국가의 보건의료행위에 대한 국제적 비교 요구도가 높아지면서 ICHI 개발을 결정 건강관리 전 영역을 포함하는 보건의료중재활동 분류체계로 개발하기로 함
- ICHI 알파 버전 2016은 약 5,800 항목이 포함, 베타 버전은 2019 완성 및 승인 예정

나. 목적

- 시행되고 있는 의료행위를 기술 비교
- 상세한 분류를 제공, 국가적 분류체계로의 사용
- 보건정책 개발의 지원
- 진료비상환 목적으로 사용되는 환자군 분류 프로그램(Casemix grouper)에 대해 기초를 제공
- 각 나라에서 이루어지는 중복 작업을 피하기 위함
- 의료행위분류체계의 국제 표준을 유지하기 위함
- 보건의료시스템의 다양한 기능적 영역 전반에서 시행되고 있는 의료행위를 분류함
 - 급성기 치료(acute care)
 - 일차 의료(primary care)
 - 재활(rehabilitation)
 - 기능하기 지원(assistance with functioning)
 - 전통의료(traditional medicine)
 - 예방 및 환자이송과 같은 기타 서비스(prevention and ancillary services)
- 모든 유형의 의료제공자에 의해 시행되는 의료행위를 분류함
 - 의사
 - 치과의사
 - 간호사
 - 관련된 보건근로인, 지역사회 보건의료인(allied and community health workers)
 - 전통의료 제공자
 - 공중보건 실무자(public health practitioners)

다. 코드 구조

표29. ICHI코드의 상세구조 (ICHI Alpha 2016 참조)

| 구분 | 내용 |
|---------------------|---|
| 엔티티의 제목: 의료행위 명칭 | 1. 정의(textual definition) 2. 계층(hierarchy) 3. 동의어(synonyms)-포함(inclusion)-제외(exclusion)-색인 용어(index terms) -주석(notes) |
| 특징 기술 | 1. 대상(target) A. 신체부위 또는 해부학적 부위(body part or anatomical site) B. 신체 기능(body function) C. 활동 및 참여(activities and participation) D. 환경(environment) E. 개인/그룹/인구집단(individual/group/population) F. 전통의료 대상(traditional medicine target) 2. 행위(action) A. 진단목적(diagnostic) B. 치료목적(therapeutic) C. 관리목적(managing) D. 정보제공목적(informing) E. 예방목적(preventing) 3. 수단(means) A. 접근방법(approach) B. 기법(technique) C. 방법(method) |
| 기타 관련 정보 | A. 장치(device) : 보조 장치 - IS09999 이식된 장치 - GMDN B. 약물(chemical substance) : ATC C. 약초(herbal substance) : 용어 개발 예정 |

- ICHI의 코드체계는 7자리로 구성되며 국가별로 4자리 코드가 추가될 수 있음
- ICHI 세 축: 대상, 액션, 수단 세 가지 이상의 개념 유형은 각 축에 포함
- 대상(Target)에 3자리, 행위(Action)에 2자리, 수단(Means)에 2자리를 부여함
- ICHI 내용모형(Content Model)은 각각의 엔티티(entity)를 위한 기반으로써 다축 구조를 가지고 있음
- 엔티티는 하나의 분류코드에 해당하지만, 여러 조건을 넣을 수 있음
- 사용자 친화적 코딩을 가능하게 하기 위하여 각 용어에 대한 코드는 국가에서 개별적으로 사용할 수 있도록 함
- 그럼에도 불구하고 이러한 용어 및 임상 코드는 분류 코드에 대한 매핑이 확실하게 보장되도록 선택해야 함
- ICHI가 분류하고자 하는 것은 “어떤 대상에 어떻게, 무엇이 시행되었는지”

표30. ICHI코드의 구조 (ICHI Alpha 2016 참조)

| | | | | |
|------|----------------------|------------|-----------|-----------|
| 구분 | 대상(Target) | 행위(Action) | 수단(Means) | 국가별 세부 코드 |
| 자릿수 | 3자리 | 2자리 | 2자리 | 4자리 |
| 코드유형 | 알파벳숫자형(alphanumeric) | | | |

- Axis I - 대상(target) : 3자리
 대상은 행위 수행의 대상이 되는 엔티티로 해부학적 부위(anatomy), 기능(human function), 활동 및 참여 (activities and participation), 환경요인(environmental factors), 행위(behaviors), 사람 및 인구집단(person and population) 등으로 그룹화됨.
- Axis II - 행위(action): 2자리
 행위는 의료행위를 하는 동안 행위자에 의해 이루어진 행위로 정의되며, 진단목적(diagnostic), 치료목적 (therapeutic), 고객지원(client support), 관리(managing), 예방(preventing) 등으로 그룹화됨.
- Axis III - 수단(means) : 2자리
 행위가 이루어지는 절차와 방법을 기술하는 엔티티이며, 접근방법(approach), 기법 (technique), 방법(method), 검체(sample) 등으로 그룹화됨.
- 국가별 세부코드 : 4자리

라. ICHI의 코드 내용 예 - 치과부분 Dental Examination

표31. ICHI코드의 치과부분 코드 구조의 예

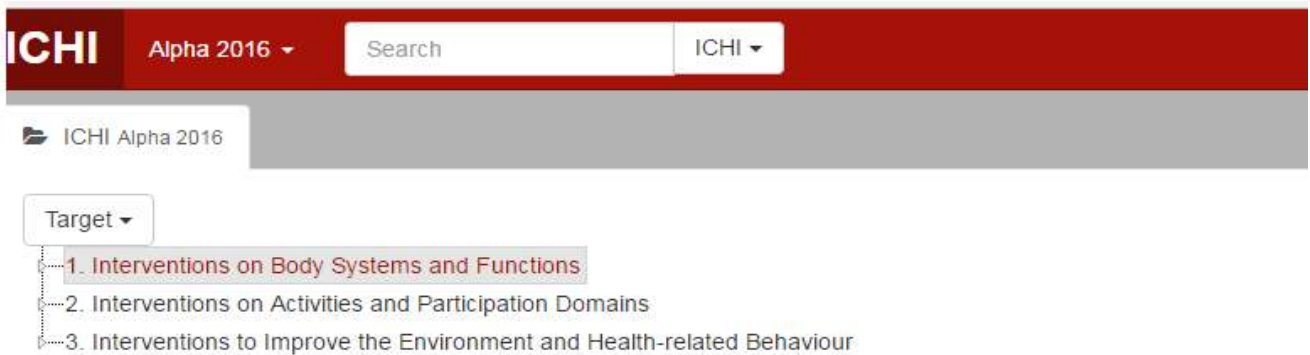
| | | | |
|------|--------------------------------|------------|-----------|
| 구분 | 대상(Target) | 행위(Action) | 수단(Means) |
| 자릿수 | KAE | AE | AC |
| 코드유형 | KAE AE AC - Dental Examination | | |

마. ICHI의 코드 내용 상세 예시 - 치과부분 Dental Examination

(각 타깃, 행위, 수단의 선택에 따라 검색 가능)
 ICHI axis-target

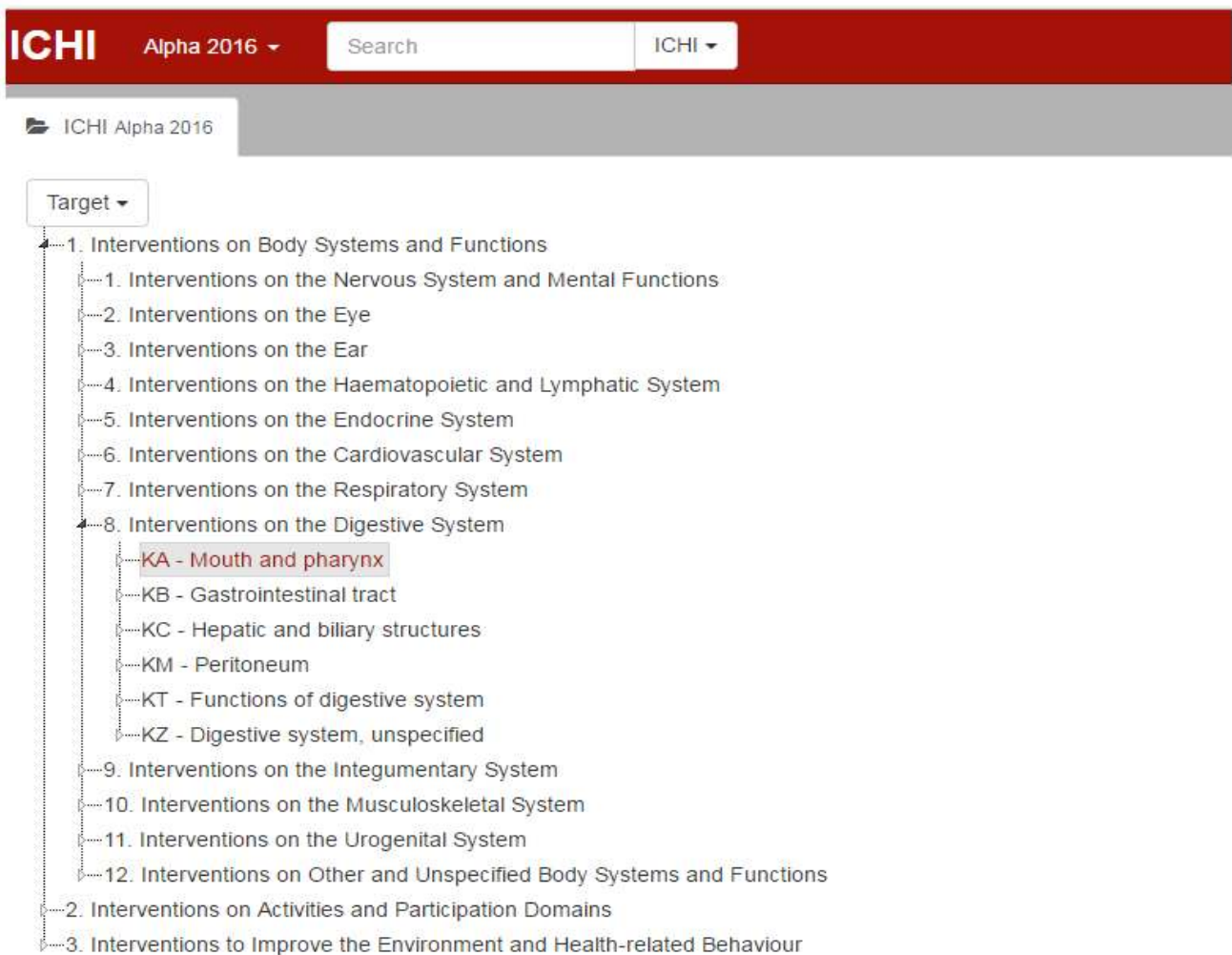
① Interventions on Body Systems and Functions 부분

그림4. ICHI axis - target부분 코드예시 1



② KA - mouth and pharynx 부분

그림5. ICHI axis - target 부분 코드예시 2



③ KAE - teeth 부분

그림6. ICHI axis - target부분 코드에서 3

The screenshot shows the ICHI Alpha 2016 website interface. At the top, there is a red header with the ICHI logo, 'Alpha 2016', a search bar, and a dropdown menu. Below the header, a grey bar contains 'ICH Alpha 2016'. A 'Target' dropdown menu is visible. The main content is a hierarchical tree of intervention codes. The tree is expanded to show the following structure:

- 1. Interventions on Body Systems and Functions
 - 1. Interventions on the Nervous System and Mental Functions
 - 2. Interventions on the Eye
 - 3. Interventions on the Ear
 - 4. Interventions on the Haematopoietic and Lymphatic System
 - 5. Interventions on the Endocrine System
 - 6. Interventions on the Cardiovascular System
 - 7. Interventions on the Respiratory System
 - 8. Interventions on the Digestive System
 - KA - Mouth and pharynx
 - KAA - Lip
 - KAB - Tongue
 - KAE - Teeth
 - KAE AE AC - Dental examination**
 - KAE BA BA - Dental x-ray
 - KAE DN AC - Prosthetic dental implant
 - KAE JD AC - Removal of dental device
 - KAE JE AC - Surgical extraction of tooth
 - KAE JG AC - Dental scaling, polishing, and debridement
 - KAE JJ AC - Apicoectomy
 - KAE KA AC - Replacement of dental packing
 - KAE KD AC - Transplantation of tooth or tooth bud
 - KAE LB AC - Implantation of tooth
 - KAE LC AC - Application of dental device
 - KAE LD AC - Repositioning of displaced tooth
 - KAE MK AC - Restoration of tooth
 - KAE ML AC - Root canal therapy
 - KAE SM AC - Management of external appliance of tooth
 - KAE ZY AC - Other interventions on teeth, not elsewhere classified
 - KAG - Gums
 - KAL - Parotid gland
 - KAM - Salivary gland
 - KAR - Oral pharynx
 - KAS - Soft palate or palate, not otherwise specified
 - KAT - Hard palate

④ KAE AE AC – DENTAL examination

그림7. ICHI axis – target부분 코드예시 4

The screenshot shows the ICHI Alpha 2016 interface. On the left, a 'Target' dropdown menu is open, displaying a hierarchical tree of codes. The tree is organized into levels, with '8. Interventions on the Digestive System' expanded to show 'KA - Mouth and pharynx', which is further expanded to show 'KAE - Teeth'. Under 'KAE - Teeth', the code 'KAE AE AC - Dental examination' is highlighted in red. Other codes listed include 'KAE BA BA - Dental x-ray', 'KAE DN AC - Prosthetic dental implant', 'KAE JD AC - Removal of dental device', 'KAE JE AC - Surgical extraction of tooth', 'KAE JG AC - Dental scaling, polishing, and debridement', 'KAE JJ AC - Apicoectomy', 'KAE KA AC - Replacement of dental packing', 'KAE KD AC - Transplantation of tooth or tooth bud', 'KAE LB AC - Implantation of tooth', 'KAE LC AC - Application of dental device', 'KAE LD AC - Repositioning of displaced tooth', 'KAE MK AC - Restoration of tooth', 'KAE ML AC - Root canal therapy', 'KAE SM AC - Management of external appliance of tooth', and 'KAE ZY AC - Other interventions on teeth, not elsewhere classified'. On the right, a detailed view of the selected code 'KAE AE AC' is shown, with a table containing the following information:

| | |
|-----------------|--------------------|
| ICHI code | KAE AE AC |
| ICHI descriptor | Dental examination |
| Definition | |
| Inclusion Terms | Periodontal survey |
| Includes Notes | |
| Codealso | |
| Excludes Notes | |

⑤ KAE AE AC 코드의 상세내역

그림8. ICHI axis – target부분 단계별 코드예시 5

The screenshot shows a detailed view of the 'KAE AE AC' code. The interface includes a header with 'KAE AE AC', 'History', and 'Comments' buttons. Below the header is a table with the following information:

| | |
|-----------------|--------------------|
| ICHI code | KAE AE AC |
| ICHI descriptor | Dental examination |
| Definition | |
| Inclusion Terms | Periodontal survey |
| Includes Notes | |
| Codealso | |
| Excludes Notes | |

F. CDT (Current Dental Terminology)

가. 개요

- 메디케어 및 메디케어 서비스 센터[CMS]에서 운영,
- 미국치의학협회[the American Dental Association, 이하 ADA]에서 사용을 허용
- 치과 진료부문에서 시행하는 진단 검사와 시술을 적용대상으로 함
- 진단 및 치료 목적의 시술. 내과적 외과적 서비스로 분류

나. 목적

- 치과 치료를 정확하게 보고함에 있어서 표준화된, 일관성이 있고 구체적이고 상세함을 달성하는 것, 또한 치과 치료 청구의 효율적인 처리과정을 제공하는 것으로 청구 및 심사뿐 아니라 수기 및 전자의무기록에서의 의무기록 작성을 지원함

다. 코드구조

* 치과 영역의 분류체계는 두 가지로 나뉨

- ① SNODENT- 치과 부문의 진단, 징후, 증상 및 호소에 대한 용어체계
- ② CDT - 진단적 검사 및 시술 영역에 사용

라. SNODENT (Systematized Nomenclature of Dentistry)

- ① SNODENT의 예시

그림9. SNODENT의 코드 예시

| | |
|---------|--|
| F-A3692 | Adverse taste perception |
| F-A3692 | Chorda tympani disorder |
| F-A3692 | Dysgeusia |
| F-A3692 | Neurologic unpleasant taste |
| F-A3692 | Parageusia |
| F-A3692 | Perversion of sense of taste |
| F-A3692 | Primary taste disorder |
| T-53120 | Dorsal surface of <u>anterior two-thirds</u> of tongue |
| T-53120 | Dorsal surface of tongue |
| T-53120 | Dorsum of <u>anterior</u> tongue |

② SNODENT의 개발 목적

- 치과 질환을 설명하기 위한 표준화된 용어의 제공
- 임상적 상세내용과 환자의 특성을 얻기 위함
- 환자에 대한 진료 서비스와 그 성과의 분석을 가능하도록 하기 위함

③ CDT(Current Dental Terminology)

- ADA에서 치과 진료부문에서 시행하는 진단 검사와 시술을 기술위해 개발
- D0100부터 D9999까지의 코드로 이루어짐
- 코드12개의 섹션으로 구분

i. 치과 의료행위 코드(Dental Procedure Code)

- 5자리의 알파벳+숫자로 구성되며, 첫 문자 D로 시작하고, 4개의 숫자로 이루어짐
- 각 코드는 하나의 특정한 치과 행위를 나타냄.

ii. 코드명(nomenclature, name)

- 치과 의료행위 코드에 대한 간략하게 쓰인 정의(definition) 또는 명칭
- 각 코드는 반드시 코드명을 가짐.

iii. 기술어(서술어, Descriptor)

- 치과 의료행위 코드의 상세 정의와 용도를 제공하는 서술내용
- 모든 코드는 반드시 기술어 부분을 가지지는 않으나 대부분 가지고 있음

④ 추가, 변경, 삭제되는 코드의 수

표32. CDT 코드의 추가, 변경, 삭제되는 코드의 수 분류

| 버전 | 신규 | 개정 | 삭제 |
|---------------|----|----|----|
| CDT 2005/2006 | 39 | 47 | 3 |
| CDT 2007/2008 | 23 | 33 | 3 |
| CDT 2009/2010 | 4 | 26 | 0 |
| CDT 2011/2012 | 8 | 19 | 0 |
| CDT 2013/2014 | 35 | 37 | 12 |
| CDT 2015/2016 | 19 | 12 | 8 |

⑤ CDT 코드세트(2015/2016 버전)

표33. CDT 코드세트(2015/2016 버전)의 분류 (CDT code .2016참조)

| Section | Code | Categories | Code 수 |
|---------|----------------------------|--|--------|
| 1 | D0100-D0999 | Diagnostic | 79 |
| | D0120-D0180 | - Clinical Oral Evaluations | 8 |
| | D0190-D0191 | - Pre-diagnostic Services | 2 |
| | D0210-D0395 | - Diagnostic Imaging | 39 |
| | D0415-D0470 D0601-D0603 | - Tests and Examinations | 13 |
| | D0472-D0999 | - Oral Pathology Laboratory | 17 |
| 2 | D1000-D1999 | Preventive | 18 |
| | D1110-D1120 | - Dental prophylaxis | 2 |
| | D1206-D1208 | - Topical Fluoride Treatment | 2 |
| | D1310-D1354 | - Other Preventive Services | 7 |
| | D1510-D1555 | - Space Maintenance | 7 |
| 3 | D2000-D2999 | Restorative | 83 |
| | D2140-D2161 | - Amalgam Restorations | 4 |
| | D2330-D2394 | - Resin-based Composite Restorations - Direct | 9 |
| | D2410-D2430 | - Gold Foil Restorations | 3 |
| | D2510-D2544 | - Inray/Onray Restorations | 6 |
| | D2610-D2644 | - Porcelain/ceramic inlays/onlays | 6 |
| | D2650-D2664 | - Resin-based composite inlays/onlays | 6 |
| | D2710-D2799 | - Crown - Single Restorations only | 18 |
| | D2910-D2999 | - Other Restorative Services | 31 |
| 4 | D3000-D3999 | Endodontics | 39 |
| | D3110-D3120 | - Pulp Capping | 2 |
| | D3220-D3222 | - Pulpotomy | 3 |
| | D3230-D3240 | - Endodontic Therapy on Primary Teeth | 2 |
| | D3310-D3333 | - Endodontic Therapy(including Treatment plan) | 6 |
| | D3346-D3348 | - Endodontic Retreatment | 3 |
| | D3351-D3357 | - Apexification/Recalcification and Pulpal Regeneration Procedures | 6 |

| Section | Code | Categories | Code 수 |
|---------|-------------|--|--------|
| | D3410-D3470 | - Apicectomy/Periradicular Services | 13 |
| | D3910-D3999 | - Other Endodontic Procedures | 4 |
| 5 | D4000-D4999 | Periodontics | 36 |
| | D4210-D4278 | - Surgical Services | 26 |
| | D4320-D4381 | - Non-Surgical Periodontal Service | 6 |
| | D4910-D4999 | - Other Periodontal Services | 4 |
| 6 | D5000-D5899 | prosthodontics (removable) | 55 |
| | D5110-D5140 | - Complete Dentures | 4 |
| | D5211-D5281 | - Partial Dentures | 11 |
| | D5410-D5422 | - Adjustments to Dentures | 4 |
| | D5510-D5520 | - Repairs to Complete Dentures | 2 |
| | D5610-D5671 | - Repairs to Partial Dentures | 8 |
| | D5710-D5721 | - Denture Rebase Procedures | 4 |
| | D5730-D5761 | - Denture Reline Procedures | 8 |
| | D5810-D5821 | - Interim Prosthesis | 4 |
| | D5850-D5899 | - Other Removal Prosthetic Services | 10 |
| 7 | D5900-D5999 | Maxillofacial Prosthetics | 42 |
| 8 | D6000-D6199 | Implant Services | 54 |
| | D6190 | - Pre-Surgical Services | 1 |
| | D6010-D6104 | - Surgical Services | 11 |
| | D6055-D6077 | - Implant Supported Prosthetics | 35 |
| | D6080-D6199 | - Other Implant Services | 7 |
| 9 | D6200-D6999 | Prosthodontics, fixed | 58 |
| | D6205-D6253 | - Fixed Partial Denture Pontics | 13 |
| | D6545-D6634 | - Fixed Partial Denture Retainers - Inlays/Onlays | 21 |
| | D6710-D6793 | - Fixed Partial Denture Retainers - Crowns | 17 |
| | D6920-D6999 | - Other Fixed Partial Denture Services | 7 |
| 10 | D7000-D7999 | Oral and Maxillofacial Surgery | 133 |
| | D7111-D7140 | - Extractions (Includes local anesthesia, suturing, if needed, and routine postoperative care) | 2 |

| Section | Code | Categories | Code 수 |
|---------|-------------|---|--------|
| | D7210-D7251 | - Surgical Extractions (Includes local anesthesia, suturing, If needed, and routine postoperative care) | 7 |
| | D7260-D7295 | - Other Surgical Procedures | 17 |
| | D7310-D7321 | - Alveoloplasty - Surgical Preparation of Ridge | 4 |
| | D7340-D7350 | - Vestibuloplasty | 2 |
| | D7410-D7465 | - Surgical Excision of Soft Tissue Lesions | 7 |
| | D7440-D7461 | - Surgical Excision of Intra-Osseous Lesions | 6 |
| | D7471-D7490 | - Excision of Bone Tissue | 5 |
| | D7510-D7560 | - Surgical Incision | 8 |
| | D7610-D7680 | - Treatment of Fractures - Simple | 9 |
| | D7710-D7780 | - Treatment of Fractures - Compound | 9 |
| | D7810-D7899 | - Reduction of Dislocation and Management of Other Temporomandibular Joint Dysfunctions | 22 |
| | D7910 | - Repair of Traumatic Wounds | 1 |
| | D7911-D7912 | - Complicated Suturing | 2 |
| | D7920-D7999 | - Other Repair Procedures | 32 |
| 11 | D8000-D8999 | Orthodontics | 21 |
| | D8010-D8040 | - Limited Orthodontic Treatment | 4 |
| | D8050-D8060 | - Interceptive Orthodontic Treatment | 2 |
| | D8070-D8090 | - Comprehensive Orthodontic Treatment | 3 |
| | D8210-D8220 | - Minor Treatment to Control Harmful Habits | 2 |
| | D8660-D8999 | - Other Orthodontic Services | 10 |
| 12 | D9000-D9999 | Adjunctive General Services | 45 |
| | D9110-D9120 | - Unclassified Treatment | 2 |
| | D9210-D9248 | - Anesthesia | 9 |
| | D9310 | - Professional Consultation | 1 |
| | D9410-D9450 | - Professional Visits | 5 |
| | D9610-D9630 | - Drugs | 3 |
| | D9910-D9999 | - Miscellaneous Services | 25 |
| Total | | | 663 |

마. 개정 및 업데이트

- 개정

- 코드 변경 요청(추가, 개정, 삭제 등)은 언제든지 누구든(개인 및 단체) 가능
- 코드개정위원회(Code Revision Committee)에 의하여 CDT 코드의 변경에 대한 의사결정이 이루어짐
- 코드관리위원회(CMC)의 위원은 치과 서비스 영역의 다양한 부문의 대표들이 참여, 위원들은 CDT 코드 변경 요청을 수락, 수정 또는 거부하기 위하여 표결을 시행

- 업데이트

- 전문가와 대중의 요구에 좀 더 부응하는 치과 코드를 허용하기 위함
- 개정은 1년 주기로 이루어지며, 매년 1월 1일 새로운 개정내용이 효력을 발생시킴.

- CDT 코드 평가 기준

- CDT 코드 변경 요청에 대한 평가는 ADA 평의회에서 채택된 평가기준에 의해 이루어짐.

- 코드변경 요청의 평가는 적용 가능한 치과 보험 플랜에 의하여 보장받는 서비스가 아닌 환자의 치과적 필요성에 의한 행위를 문서화의 필요성에 따라 해야 함

- 치과의사에 의해 환자에게 제공되는 행위는 문서화할 수 있는 코드가 있어야 함

- 코드명(nomenclature)과 기술어(descriptor)는 명확하고 모호하지 않아야 함

- 코드명(nomenclature)과 기술어(descriptor)는 행위가 제공되는 방법을 나타낼 수 있어야 하며, 행위가 보고될 시점의 참조 또는 다른 행위와 함께 보고되는 제한점이 포함되어서는 안 됨

- 코드의 남용 또는 부정사용에 대한 알려진 잠재성이 평가 가이드라인으로 고려되어서는 안 됨

- 치료 커뮤니티 표준은 다른 평가 기준의 고려를 제한해서는 안됨

바. 코드 개정관련 양식 및 보고서 견본

그림10. CDT코드 개정관련 양식 및 보고서 견본 (CDT code .2016참조)

| # | Date | Event/Activity |
|----|---|---|
| 1. | November 1, 2016 | Closing date for submission of CDT Code change requests for this review and revision cycle Ⓜ Requests received after this date will be considered in the next annual review and revision cycle |
| 2. | December 1, 2016 | Ⓜ Batch Summary Inventory posted on ADA.org Ⓜ Request form distribution to CMC members |
| 3. | March 9 - 10, 2017 (Thursday - Friday) | Open CMC meeting Ⓜ Public discussion and comment on CDT Code Action Requests Ⓜ CMC member vote on Action Requests |
| 4. | March 21, 2017 | Draft Action Report circulated to CMC members |
| 5. | April 11, 2017 | CMC Secretariat Actions |

| | | |
|----|------------------|--|
| | | ☎ Notice of CMC actions to requestors, including rationales for declined requests ☎ Final Action Report distributed to CMC members and posted on ADA.org for public information |
| 6. | May 1, 2017 | CDT 2018 technical content is complete |
| 7. | November 1, 2017 | Closing date for submission of CDT Code Action Requests to be considered for inclusion in CDT 2019 |

- CDT Code Action 2016년 신청서 견본

그림11. CDT Code Action 2016년 신청서 견본

| | | | | | |
|--|------------------------------|---------------------------------|---------------------------------|---|---|
| 1.Contact Information (Action Requestor) | | Date Submitted: | Click here to enter a date. | | |
| Name: | Click here to enter text. | | | | |
| Address (Line 1): | Click here to enter text. | | | | |
| Address (Line 2): | Click here to enter text. | | | | |
| City: | Click here to enter text. | State: | | Zip Code | |
| Telephone: | | Email: | Click here to enter text. | | |
| 1. Does this request represent the official position of either a dental organization or a recognized dental specialty, or a third-party payer or administrator, or the manufacturer/supplier of a product? | | | | | |
| Yes > | <input type="checkbox"/> | If Yes, Name: | Click here to enter text. | | |
| No > | <input type="checkbox"/> | | | | |
| 2. Does the requestor or entity identified in item #1 or #2 receive any financial benefit? | | | | | |
| Yes > | <input type="checkbox"/> | If Yes, describe: | Click here to enter text. | | |
| No > | <input type="checkbox"/> | | | | |
| 4.Action (*X one only) | New <input type="checkbox"/> | Revise <input type="checkbox"/> | Delete <input type="checkbox"/> | Affected Code - Revise or Delete (Leave blank if New) | D |
| 3. Full illustration of nomenclature and descriptor text actions (additions in <u>blue underline</u> ; deletions in red strike-through ; unchanged in black) | | | | | |
| Nomenclature Required for all | Click here to enter text. | | | | |

| | | | | | | | | |
|---|-------|---------------------------|---|-------|--------------------------|--|-------|--------------------------|
| "New" | | | | | | | | |
| Descriptor <small>Optional for "New"; enter "None" if no descriptor</small> | | Click here to enter text. | | | | | | |
| 4. Rationale for this request; your persuasive argument for CMC acceptance (Required for all requested actions - New; Revise; Delete) | | | | | | | | |
| Click here to enter text. | | | | | | | | |
| 5. Complete a) - c) only if Action Request is for a New CDT Code | | | "X" if Revise or Delete as "a) - c)" are not applicable >>> <input type="checkbox"/> | | | | | |
| a) CDT Code currently used to report the procedure | | D | | | | | | |
| 6. Procedure technical description | | | | | | | | |
| Click here to enter text. | | | | | | | | |
| 7. Clinical scenario | | | | | | | | |
| Click here to enter text. | | | | | | | | |
| 8. Supporting documentation or literature: <ul style="list-style-type: none"> • "8.a)" must be completed for all requested actions. • If protected by copyright, written authorization to reprint and distribute must be provided • All material must be submitted in electronic format. | | | | | | | | |
| a) Material submitted? | Yes > | <input type="checkbox"/> | 9. Protected by copyright? (If "a)" is "Yes") | Yes > | <input type="checkbox"/> | 10. Permission to reprint? (If "b)" is "Yes") | Yes > | <input type="checkbox"/> |
| | No > | <input type="checkbox"/> | | No > | <input type="checkbox"/> | | No > | <input type="checkbox"/> |
| 11. Additional Comment or Explanation: | | | | | | | | |
| Click here to enter text. | | | | | | | | |

| | | | | | | | | |
|--|-------|----------------------|-------------------------|----------|--------|------------------------|---------------------------------------|---|
| 1. Requestor Information | | Date Submitted: | | | | | | |
| Name: | | | | | | | | |
| Address (Line 1): | | | | | | | | |
| Address (Line 2): | | | | | | | | |
| City: | | State: | | Zip Code | | | | |
| Telephone: | | Email: | | | | | | |
| 2. Does this request represent the official position of: a) a dental organization or a recognized dental specialty; b) a third-party payer or administrator; or c) the manufacturer/supplier of the product? | | | | | | | | |
| Yes > | | If Yes, Name: | | | | | | |
| No > | | | | | | | | |
| 3. Does the requestor or entity identified in item #1 or #2 receive any financial benefit? | | | | | | | | |
| Yes > | | If Yes, describe: | | | | | | |
| No > | | | | | | | | |
| 4. Action | Add | | Revise | | Delete | | Affected Code (Revisions & Deletions) | D |
| 5. Full text of requested action (Additions & Revisions) | | | | | | | | |
| Nomenclature | | | | | | | | |
| Descriptor | | | | | | | | |
| 6. Rationale for this request (e.g., reasons why existing procedure code is inadequate or no longer appropriate; description of technology inherent to procedure; dental schools where taught). | | | | | | | | |
| | | | | | | | | |
| 7. For Additions – a) current CDT Code used to report the proposed procedure; b) description of the procedure or clinical condition; and c) scenario describing the patient, materials, technique, etc. | | | | | | | | |
| | | | | | | | | |
| 8. Supporting documentation or literature: a) if protected by copyright, written authorization to reprint and distribute must be provided; and b) all material must be submitted in electronic format. | | | | | | | | |
| Material submitted? | Yes > | | Protected by copyright? | Yes > | | Permission to reprint? | Yes > | |
| | No > | | | No > | | | No > | |
| 9. Additional Comment/Explanation: | | | | | | | | |
| | | | | | | | | |

G. CCI (Canadian Classification of Health Interventions)

가. 개요

- 입원 및 통원수술 환자의 수술적 및 비수술적 치료적 행위에 적용
- 진단적 영상, 검사, 측정, 생검, 체내 검진(exploration)을 포함한 진단적 행위와 인지적, 정신과적 및 감각적 치료 행위, 일상생활 보조, 환경 평가 및 상담과 같은 기타 보건의료행위, 면역체계 강화를 위한 치료적 행위를 분류
- 단, 검체 진단 검사 및 조직병리 검사와 보건의료 장치의 조립 및 제조 는 제외

나. 목적

- 자국의 시술에 대한 독창적인 분류체계
- CCI는 ICD-10-CA(International Classification of disease-10th version-Canadian modification)와 더불어 캐나다의 환자군 분류체계인 CMG(Case Mix Group) 분류 및 보건의료 행위관련 각종 통계 자료 작성에 이용

다. 캐나다(CCI) 코드의 구조

표34. 캐나다(CCI) 코드의 구조의 치과부문 예

| 구분 | Rubric 코드 | | | Qualifier | | |
|---|-----------|-----------|-----------|------------|----------------|----------|
| | 필드1 | 필드2 | 필드3 | 필드4 | 필드5 | 필드6 |
| 내용 | 섹션 | 블록/그룹 | 행위 | 접근, 기법, 사유 | 이용된 장치, 약물, 방법 | 이용된 조직 |
| 자료유형 | A (1) | AA (2) | AA (2) | AA (2) | CB (2) | B (1) |
| 분류 예 | 2 | FD | 71 | LA | | |
| 2.FD.71.LA (Biopsy. gingiva- using incisional approach) | | | | | | |

그림12. 캐나다(CCI) 코드구조의 치과부문 다양한 예
(Canadian classification of health interventions.Vol3.2006참조)

CANADIAN CLASSIFICATION OF HEALTH INTERVENTIONS

| | | |
|-------------------|--|--------------|
| 2.FB.^.^ | Diagnostic Interventions on the Hard Palate <i>Includes:</i> Palate NOS Palatine bone | |
| 2.FB.71.^. | Biopsy, hard palate | S L E |
| | 2.FB.71.LA using incisional approach | |
| 2.FC.^.^ | Diagnostic Interventions on the Soft Palate | |
| 2.FC.71.^. | Biopsy, soft palate | S L E |
| | 2.FC.71.LA using incisional approach | |
| 2.FD.^.^ | Diagnostic Interventions on the Gingiva <i>Includes:</i> Gums Oral vestibule Periodontal pocket | |
| 2.FD.71.^. | Biopsy, gingiva | S L E |
| | 2.FD.71.LA using incisional approach | |
| 2.FG.^.^ | Diagnostic Interventions on the Oral and Buccal Mucosa <i>Includes:</i> Buccal mucosa [fat pad, glands] Buccal sulcus Labial frenulum Labial sulcus Oral mucosa NEC Oral papilla <i>Excludes:</i> Oral mucosa of floor of mouth (see 2.FH.^.^) | |
| 2.FG.71.^. | Biopsy, oral and buccal mucosa | S L E |
| | 2.FG.71.LA using incisional approach | |
| 2.FH.^.^ | Diagnostic Interventions on the Floor of Mouth <i>Includes:</i> Retromolar trigone Sublingual space Submandibular space | |
| 2.FH.71.^. | Biopsy, floor of mouth | S L E |
| | <i>Includes:</i> Biopsy, anterior, lateral and retromolar floor of mouth Biopsy, retromolar trigone | |
| | 2.FH.71.LA using incisional approach | |
| 2.FJ.^.^ | Diagnostic Interventions on the Tongue <i>Includes:</i> Lingual frenulum Lingual sulcus Muscles of tongue [intrinsic and extrinsic]: genioglossus styloglossus, hyoglossus Sublingual tonsil [lymph follicles on posterior third of tongue] | |
| 2.FJ.71.^. | Biopsy, tongue | S L E |
| | 2.FJ.71.HA using percutaneous (needle) approach 2.FJ.71.LA using incisional approach | |

- CCI는 총 10자리, 6개 필드, 알파벳 숫자형 코드로 마지막 세 자리(필드5, 필드6)는 분류할 필요가 없을 경우 공백
- 첫 번째 자리 섹션(Section, 1)는 행위의 유형을 나타냄
- 두 번째 섹션 블록 및 그룹(Blocks and Groups, 2~3)은 신체계통, 해부학적 부위에 대해 두자리 알파벳 코드로 매우 세분되고 일관성 있는 체계가 구축
- 4~5번째 자리 행위(Interventions, 4~5)는 주어진 섹션 내에 포함된 일반적인 시술/행위를 식별하기 위한 CCI의 행위(Interventions)를 나타냄
- 처음 5자리(필드 1,2,3)는 그룹과 섹션 내에서 행위유형을 나타내는 루브릭 코드로 구성
- 한정어는 각기 다른 의미를 가지는 세 개의 독립된 필드로 구분 치료적 행위의 경우 첫 번째 두 자리는 이용된 접근방법(approach)이나 기법(technique)과 관계가 있음

라. CCI의 섹션별 분류 내용

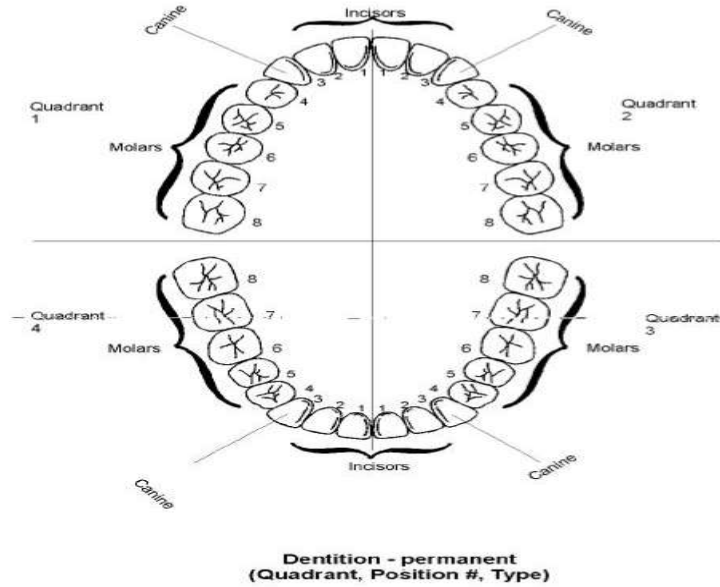
- CCI는 크게 7개 섹션으로 구성되어 있고, 가장 많은 부분을 차지하고 있는 섹션은 '1.신체/생리학적 치료 행위[Physical and Physiological Therapeutic Interventions]'임.

표35. CCI 섹션별 루브릭 코드 구조 내 개념의 조합
(Canadian classification of health interventions.Vol3.2006참조)

| 루브릭 코드 | | | |
|--------|---------------------------|--|------------------|
| | 필드1 | 필드2 | 필드3 |
| 1 | 신체/생리학적 치료 행위 | 해부학적 부위(AA-ZZ) | 행위(01-99) |
| 2 | 진단 행위 | 해부학적 부위(AA-ZZ) | 행위(01-99) |
| 3 | 진단적 영상 관련 행위 | 해부학적 부위(AA-ZZ) | 방사선 중재 유형(01-99) |
| 5 | 산과 및 태아관련 행위 | 임신주기(AA-ZZ) | 행위 (01-99) |
| 6 | 인지적, 정신 사회학적 및 감각적 치료 행위 | 정신 및 감각 문제 유형 (예, 정신건강, 청각)(AA-ZZ) | 행위 (01-99) |
| 7 | 기타 보건의료 행위 | (예, 환경, 지지 활동)(AA-ZZ) | 행위 (01-99) |
| 8 | 면역체계 및/또는 유전자 조합 강화 치료 행위 | 원인 물질, 바이러스, 질환등(AA-ZZ) | 행위 (01-99) |

마. 내용예시표

그림 13. CCI 신체부위 구조화 도해(치아)
 (Canadian classification of health interventions.Vol3.2006참조)



- 섹션/그룹/행위/한정어 순으로 정렬, 포함 및 제외 행위명 및 해당 CCI 코드가 명시되어 있으므로 완전한 코딩을 위해서는 알파벳 인덱스 참조 후 반드시 내용예시표를 참조
- Diagrams in CCI: 구조화된 해부학적 용어 및 부위 코드가 명시된 해부학 도면 총 44장으로 구성됨
- CCI에서 이용되는 신체 부위는 그림13과 같이 구조화되었고 이를 표 34과 같이 해부학 도면에 도식화함으로써 사용자 편의를 도모

표36. CCI 신체부위 구조화 내용

| 기관(1st digit) | | 기관의 상세 부위(2nd digit) | | |
|---------------|--|----------------------------------|------|------------------------|
| | | A | .... | Z |
| A | Brain and spinal cord | Meninges and dura mater of brain | .... | Central nervous system |
| B | Nerves | Cranial nerves | .... | Nervous system |
| C | Eye and Ocular Adnexa | - | .... | Eye N EC |
| D | Ear and Mastoid Process | External ear | .... | Ear N EC |
| E | Muscular skeletal tissue of head, nasal cavity and sinuses | Cranium | .... | - |
| F | Oral cavity and pharynx | Nasopharynx | .... | - |
| ... | | | | |
| Z | .... | .... | .... | .... |

바. 개정 및 업데이트 절차

- 기관: CIHI
- 누구든지 CCI 코드를 변경 요청할 수 있으며, 변경요청 내용은 CIHI 웹사이트의 ‘신청서 서식’ 화면에 직접 입력해야 하며, 변경 요청 자는 요청 내용을 명확하게 기술하고 개선 방안을 제시하며, 그 근거를 함께 첨부해야 함.
- 반영된 변경 내용에 대한 정오표는 CIHI 홈페이지에 매년 또는 수시로 배포

사. CCI의 장점

- 서비스 공급자 및 서비스 제공 환경에 독립적이며, 코드는 포괄성, 역동성, 확장 가능성, 합당성을 가져야 하며, 시술 관련 정보에 제한 적용하는 원칙의 준수.
- 국제적 연결을 위한 국제적 분류 체계를 적극적으로 참조하여 최적의 체계를 개발.
- 다축 구조로 확장에 유연하고 자료 분석에 강력한 솔루션 제공 가치를 극대화
- RG 분류에 있어 비용 및 임상적 동질성은 매우 중요하며, 이는 질 높은 진단 및 행위분류에서 달성 가능한바, ICD-10-CA 및 CCI는 CG(Case Mix Group)분류를 전제로 개발되었음
- 전문가로 구성된 안정적인 관리운영 체계 및 지속적 질 관리

H. ACHI (Australian Classification of Health Interventions)

가. 개요

- ACHI는 호주의 보건의료행위분류체계[Australian Classification of Health Intervention, 이하 ACHI]임
- 공공병원, 민간병원, 통원치료센터(day center), 외래 진료에서 수행되는 시술 및 행위의 분류를 나타냄
- 국가 사례 구성 및 분류센터가 운영주체, MBC(Commonwealth Medicare Benefits Schedule)를 기반(예외, 치과서비스)으로 전문의 및 임상코더 협조 하에 개발, 신체계통, 부위 및 행위유형으로 구조화된 다축 분류체계임
- MBS(Medicare Benefit Schedule) 항목: MBS는 전문분야에 따라 구조화 되어있는 일종의 수가표(fee schedule)임.

나. 목적

- ICD-10-AM과 ACHI는 AR-DRG의 구성요소로 보건의료 통계 및 재정조달 기전 등 여러 용도로 이용하고 자국 내 수가 체계를 분류체계로 개조하여 분류함
- 임상 자료의 정보로써의 가치 극대화

다. 치과부분 코드 구조 내용

| | |
|----------|---|
| 96215-00 | Incision & drain of lesion in oral cavity |
| 97232-00 | Periodontal flap procedure <= 8 teeth |
| 97232-01 | Periodontal flap procedure > 8 teeth |
| 97233-00 | Alveolar osseous procedure <= 8 teeth |
| 97233-01 | Alveolar osseous procedure > 8 teeth |
| 97234-00 | Alveolar osseous graft / implant per tth |
| 97235-00 | Gingival graft, per tooth or implant |
| 97238-00 | Periodontal flap proc, crown lengthening |
| 97244-00 | Alveolar osseous graft, block |
| 97331-00 | Alveolectomy, per segment |

- ACHI는 숫자코드로 5자리를 기본으로 하고 두 자리의 확장을 위한 자리수를 가지고 있어 상세 분류 코드는 총 7자리 숫자형 코드
- 앞 5자리는 MBS항목, 뒤 두 자리는 새로운 의료 행위 개념
- ACHI는 크게 20개의 장(chapter)으로 구성되며, 대부분의 장은 축을 통해 신체계통으로 구분되고, 소수의 장은 시술의 유형별로 구분
- 행위 분류의 구조는 진료과 보다는 해부학적 부위를 기반으로 하고 있음
- MBS에 포함되지 않는 시술(치과서비스 부분)은 9로 시작되는 코드를 지님

표37. ACHI 장별 내용구성

| 장(Chapter) | 내용 |
|------------|---------------------------------|
| 1 | 신경계 시술 |
| 2 | 내분비계 시술 |
| 3 | 눈 및 부속기 시술 |
| 4 | 귀 및 유양돌기의 시술 |
| 5 | 코, 입 및 인두의 시술 |
| 6 | 치과 서비스 |
| 7 | 호흡기계 시술 |
| 중략... | |
| 19 | 비침습적, 인지적 및 기타 다른 곳에 분류되지 않은 시술 |
| 20 | 영상서비스 |

- 20개 장 중 15개 장은 1차 분류의 축을 해부학적 부위를 사용 , 나머지 5개 장 (치과서비스 포함)은 각 장의 성격에 따라 나머지 일반적인 장과 다른 분류의 축을 이용하여 분류
- 1차 축: 일반적인 장 15개를 신체계통 및 해부학적 부위로 분류
- 2차 축: 두 번째 축은 시술의 유형으로, 가장 덜 침습적인 시술부터 가장 침습적인 시술까지 구분, 검사, 절제, 교정술, 재건술 등등
- 3차 축: 블록축(block axis) - 중분류

전체 코드번호와 별개로 존재하는 일련번호를 가진 블록이고, 별도의 번호를 부여하여 자료로써의 활용도를 높이고자 함
 블록은 숫자일련번호순(1~2016)이며, 이 일련번호는 장(Chapter) 순으로 부여되었으나 장과 장 사이에 추가 발생하는 블록 등록을 위하여 일정 구간을 비워두었음

- 470 : 크라운 (crown)
- 471 : 브릿지 (Bridge)
- 473 : 임플란트보철 (implant prosthesis) 등등

블록은 이용자로 하여금 특정 코드의 부여를 용이하게 하기 위해 행위 내용예시표 내에서 일련번호로 되어있으며, 블록 범위 내에 포함된 코드를 대표하는 제목에 해당됨.

표38. ACHI 분류의 주요 내용 예시

| 장 | 1차 축 | 2차 축 |
|-------------|--|-------|
| 일반적인 장(15개) | 해부학적 부위 | 시술 종류 |
| 6.치과 서비스 | 서비스 기준 - 진단서비스 - 예방서비스 - 치주질환 - 구강수술 | 행위 유형 |
| 14.산과 행위 | 임신주기 - 산전진료(antepartum) - 분만 - 종락... | 행위유형 |

라. 치과 코드의 분류 예시

그림 14. ACHI 치과 코드의 다양한 예

| | |
|------------|---|
| 97595-00 | Removal of <u>inlay/onlay</u> indirect restoration Removal of indirect currently cemented inlay/onlay or metallic/ or tooth-coloured restoration |
| 97596-00 | Recementing of <u>inlay/onlay</u> indirect restoration Recementing of previously cemented inlay/onlay indirect or metallic/ or tooth-coloured restoration |
| 97597-00 | Post cast, preformed or wrought Fabrication and cementation of cast, preformed or wrought post |
| 470 | Crown |
| 97631-00 | Provisional crown Temporary crown, designed to last until a permanent crown is constructed or the tooth is removed <u>Excludes:</u> that with any other dental procedure – omit code |
| 471 | Bridge |
| 97632-00 | Provisional bridge, per pontic Temporary bridge, designed to last until a permanent bridge can be constructed and inserted <u>Excludes:</u> that with any other dental procedure – omit code |
| 97633-00 | Provisional implant abutment, per abutment Temporary abutment to an implant, designed to last until permanent abutment(s) can be fitted <u>Excludes:</u> fitting of final implant abutment (97661-00 [473]) |
| 97634-01 | Provisional implant restoration, per abutment Temporary restoration of an implant, designed to last until permanent restoration can be placed <u>Excludes:</u> fitting of final implant abutment (97661-00 [473]) that with any other dental procedure – omit code |
| 97642-00 | Bridge pontic, direct, per pontic |
| 473 | Implant prosthesis |
| 97661-00 | Fitting of implant abutment, per abutment Fitting of final implant abutment or replacement of an existing abutment <u>Excludes:</u> fitting of provisional implant; crown abutment (97662-00 [473]) • abutment (97633-00 [471]) • restoration (97634-01 [471]) |
| 97662-00 | Fitting of provisional implant crown abutment, per abutment Fitting of provisional implant crown abutment <u>Excludes:</u> fitting of final implant abutment (97661-00 [473]) |
| 97663-00 | Surgical removal of dental implant <u>and/or retention device</u> |
| 97664-00 | Fitting of bar for denture |
| 97665-00 | Prosthesis with removable resin base attached to implants, per arch |
| 97666-00 | Prosthesis with <u>fixed</u> metal frame attached to implants, per <u>teeth</u> arch |
| 97667-00 | Prosthesis with removable metal frame attached to implants, per arch |
| 97668-00 | Removal and replacement of fixture or abutment screw |

마. 개정 및 업데이트 절차

- 매 2년주기로 개정
- 메디케어 서비스 목록인 MBS는 격년으로 개정되고 있으며, MBS 항목은 ACHI 코드와 부합
- 새로운 개정에는 최종 개정 12개월 전까지 제안된 사항이 반영됨.(격년 7월1일 업데이트)
- 개정 절차는 개정판이 공개직후에 시작
- 개정은 대부분 이용자의 제안에 따라 이루어지며, 이용자는 NCCC 사이트에서 '신청서서식'을 다운받아 작성 후 제안

I. SWIZHLAND TARIF DENTAIRE

가. 개요

- 스위스 치과 비용 코드는 1976 년부터, 적용함으로써 설정
- 스위스치과협회(sso- swiss dental association) 에서 운영
- 스위스 국민의 치아건강을 위해 만들어진 코딩시스템
- 코딩시스템으로 치료에서부터 비용까지 한번에 처리 가능

나. 목적

치과의사와 환자 간에 신뢰 할 수 있는 의사소통의 효과적인 수단으로 균일한 비용, 용어를 제공하며 비용까지 한번에 처리 가능한 코딩시스템

다. 특징

- 1911년에 제정되고 1994년에 개정된 건강보험법에 의거 시행되고 있는 스위스 건강보험제도는 가입이 강제되는 기초건강보험(Basic Health Insurance)과 가입의 강제성이 없는 임의보충건강보험(Voluntary Health Insurance)으로 구분
- 민간보험의 제 원리를 바탕으로 비영리민간보험자 또는 질병금고 등이 보험자가 되는 민간보험 위주의 건강보험제도를 운영
- 기초건강보험이 적용되는 의료서비스는 의학적 효과성, 적정성을 유지하고 비용 효과적이어야 한다고 규정하고 있으며, 외래나 입원기간의 제한은 없음
- 질병, 출산, 사고(사고보험에서 지급되는 경우는 제외), 선천성질환(장애보험제도에서 지급되는 경우는 제외) 및 합법적인 임신중절, 의사의 처방이나 지시에 의한 예방서비스, 산전·산후 검사 및 진찰, 분만, 수유상담, 불가피한 질환에서 기인한 치과진료, 치료목적의 온천비용(최고 21 일까지 1일당 10스위스 프랑) 및 물리치료, 의료적 필요에 의한 특별이송(실비의 1/2, 연간 500스위스 프랑)이 보험급여의 대상
- 국민 90% 기초건강보험 비적용자로 대부분 개인 사보험에서 처리

라. 코드구조

표39. 스위스 치과 코드 구조의 예

| 부가항목 | 코드번호 | PP(포인트값) | 내용 |
|------|------|----------|-----------------------------------|
| L | 4565 | 128-173 | Inlay en céramique/résine, 1 face |

- 8개의 대분류와 24개의 소분류로 구성
- 부가항목, 코드번호, 포인트값, 시술내용 으로 간략하게 구성
- 4000 번대로 시작하는 4자리 숫자로 구성
- 8개의 대분류와 24개의 소분류로 구성
- 개인 치과의사가 치료마다 적절한 코드 선택 기술, 재료비, 추가비용, 치료의 난이도, 등 재량 선택후 비용 산출
- 재량 항목: (재량 가능한 항목은 아래 예시 가격표에 코드앞부분에 표시)

- ① L : Travail de technique dentaire facturé en sus -> 치과의사의 기술을 추가로 부과
예) 일반의, 전문의 등

표40. 부가항목의 L의 예 : 인레이 세팅시

| 부가항목 | 코드번호 | PP(포인트값) | 내용 |
|------|------|----------|------------------------------------|
| L | 4565 | 128-173 | Inlay en céramique/résine, 1 face |
| L | 4566 | 149-202 | Inlay en céramique/résine, 2 faces |
| L | 4567 | 173-234 | Inlay en céramique/résine, 3 faces |

- ② M : Frais de matériel facturé en sus -> 추가적인 재료비

표41. 부가항목의 M의 예 : 교정장치

| 부가항목 | 코드번호 | PP(포인트값) | 내용 |
|------|------|----------|-------------------------------------|
| M | 4824 | 35-47 | Traction extra orale, TE0 Headgear |
| M | 4825 | 37-51 | "TE0 (Headgear) inversée" (Hickam) |
| M | 4826 | 38-52 | "TE0 (Headgear) inversée" (Delaire) |

- ③ Z : Frais supplémentaires -> 추가비용

표42. 부가항목의 Z의 예 : 보철/ 미백

| 부가항목 | 코드번호 | PP(포인트값) | 내용 |
|------|------|----------|--|
| Z | 4620 | 38-52 | Fixation de la matrice, directe |
| Z | 4621 | 38-52 | 38-52 Montage de matrice/conjoncteur, indir. |
| Z | 4472 | 9 | Blanchiment ("In-office-bleaching") 5min. |

- ④ PP : Nombre de points correspondant pour le traitement des patients privés
-> 치료에 대한 점수 값 포인트 값의 수는 환자를 수행하기에 필요한 거의 평균 노동 시간을 반영함

표43. 부가항목의 pp의 예 : 레진

| 부가항목 | 코드번호 | PP(포인트값) | 내용 |
|------|------|----------|--|
| - | 4541 | 35-47 | Composite, 2 faces, sur prémolaire |
| - | 4542 | 24-32 | Composite ultérieur, 2 faces, prémolaire |
| - | 4543 | 44-60 | Composite, 2 faces, sur molaire |

마. 스위스 치과 코드 구조의 예

VPT : Valeur du point pour les patients privés ; plafonné à 5 fr. 80, pas de limite inférieure -> 환자 개인에 대한 점수 값 ,5fr 80 이 최소 하한값

Calcul des coûts d'une prestation : PP x VPT = prix en francs

Exemple : Calcul des coûts pour la position tarifaire 4000, diagnostic nouveau patient : 24 x 5 fr. 80 = 139 fr. 20

(비용의 계산 : 기본진료비 PP(표 참조) X 환자 개인에 대한 점수 = 기본 검진 신환일 경우 24점 포인트값 X 최소값 5fr 80 = 139프랑)

그림15. 스위스 치과 코드구조의 다양한 예시

Tarif dentaire

Version abrégée

- L :** Travail de technique dentaire facturé en sus
M : Frais de matériel facturé en sus
Z : Frais supplémentaires
PP : Nombre de points correspondant pour le traitement des patients privés
VPT : Valeur du point pour les patients privés ; plafonné à 5 fr. 80, pas de limite inférieure

Calcul des coûts d'une prestation : PP x VPT = prix en francs
 Exemple : Calcul des coûts pour la position tarifaire 4000, diagnostic nouveau patient : 24 x 5 fr. 80 = 139 fr. 20

I. Prestations générales

Diagnostic / Radiographie / Anesthésie

| Chiffre | PP | Description abrégée |
|---------|---------|---|
| 4000 | 18-24 | Diagnostic/deuxième avis |
| 4001 | 12-17 | Diagnostic "patient-recall" |
| 4002 | 8-11 | Bref examen patient en urgence |
| 4003 | 9-12 | Bref examen lors du traitement HD |
| 4004 | 36-48 | Diagnostic patient en urgence, nuit |
| 4005 | 30-40 | Diagnostic patient dimanche/jour férié |
| 4011 | 13-17 | Instruction/information du patient sur les conséquences d'interventions dentaires |
| 4012 | 18-24 | Information/discussion patient/parents |
| 4013 | 18 | Rendez-vous manqué, méd.dent., par ¼h |
| 4014 | 9 | Rendez-vous manqué, HD, par ¼ h |
| 4014 | 6 | Rendez-vous manqué, AP, par ¼ h |
| 4024 | 0 | Vacation non rémunérée |
| 4025 | 9 | Honoraires en fonction du temps, 5 min. |
| 4045 | 11 | Brève attestation assurance dentaire |
| 4050 | 5,5 | Radiographie dentaire/occlusale |
| 4051 | 45 | Téléradiographie/radiographie crânienne |
| 4054 | 45 | Orthopantomographie |
| 4058 | 3 | Photographie |
| 4065 | 11 | Anesthésie par infiltration |
| L 4075 | 9-12 | Enregistrement en relation centrée |
| L 4076 | 25-33 | Enregistrement avec chablon |
| L 4078 | 3,5-5 | Enregistrement latéro-/protrusion |
| L 4080 | 14-19 | Transfert facial rapide/valeur moyenne |
| L 4081 | 18-25 | Enregistrement trajet condylien sagittal |
| L 4083 | 25-34 | Remontage de prothèses totales |
| L 4089 | 4-6 | Empreinte par l'HD |
| L 4090 | 10-13 | Empreinte par le médecin-dentiste |
| 4091 | 2-3 | Test de vitalité, 1 à 6 dents |
| 4092 | 6-8,5 | Test de vitalité par maxillaire |
| 4093 | 3-4 | Désensib. surface hypersens., par dent |
| 4094 | 5,5-7,5 | Digue de caoutchouc, 1 à 3 dents |
| 4095 | 9,5-13 | Digue de caoutchouc, 4 dents ou plus |
| 4096 | 6-8 | Retouches à la meulette, par dent/slice |

II. Hygiène bucco-dentaire / Prophylaxie

| | | |
|---------------------------------|---------|--|
| 4100 | 9 | Anamnèse, instruction, motivat., par 5min. |
| 4101 | 1,5-2 | Coloration de plaque, par sextant |
| 4102 | 1-1,5 | Indice de plaque, par sextant |
| 4103 | 1,5-2,5 | Indice gingival rapide, par sextant |
| 4107 | 2,5-3,5 | Fluoruration avec gelée/solution, par max. |
| 4108 | 6,5-9 | Application laque fluorée, 1-4 dents |
| Traitement par l'HD/l'AP | | |
| 4111 | 3,5 | Traitement par l'HD, par 5 min. |
| 4112 | 2,5 | Traitement par l'AP, par 5 min. |

III. Parodontologie

| Examen/Traitement/Atelles | | |
|---------------------------|---------|---|
| 4120 | 5,5-8 | Bref examen de l'état parodontal |
| 4121 | 44-59 | Examen de l'état parodontal/cas simple |
| 4122 | 65-89 | Examen de l'état parodontal/cas moyen |
| 4123 | 90-122 | Examen de l'état parodontal/cas difficile |
| 4125 | 9 | Détartrage, par 5 min. |
| 4126 | 9 | Curetage sous-gingival, par 5 min. |
| 4127 | 5,5-7 | Élimination d'irritations margin., par obtur. |
| 4128 | 19-26 | Élimin. irrit. margin., par inlays/couronnes |
| 4135 | 13-18 | Gingivectomie, une seule dent |
| 4138 | 57-78 | Approfondissement vestibul., par sextant |
| 4139 | 58-79 | Allongement couronne/interv.lambeau triang. |
| 4140 | 136-184 | Interv. av. lambeau, gingivectomie, sextant |
| 4145 | 22-29 | Révision chirur. du parodonte, par dent |
| 4146 | 30-41 | Traitement d'un abcès parodontal |
| 4147 | 27-37 | Traitement postop., après intervent.parod. |
| 4150 | 34-46 | Fixation par mordançage, par esp.interd. |
| Z 4151 | 13-18 | Éléments auxil., dans attelle en résine |
| 4152 | 13-18 | Ablation attelle collée, par espace interd. |
| 4160 | 9 | Anamnèse MAP/inform. patient/par 5min. |
| 4161 | 9 | Anamnèse Patient MAP "recall"/par 5min. |
| 4167 | 11-15 | Déterm./marquage points contact prêm. |
| 4172 | 9 | Meulage, par 5 min. |
| L 4175 | 26-35 | Attelle "miniplast" par maxillaire |
| L 4177 | 74-100 | Attelle Michigan |
| 4187 | 11-14 | Traitem. ultrasons/Sollux/ultrav./Softlaser |
| 4190 | 13-18 | Contrôle MAP |

V. Chirurgie orale

Extractions

| | | |
|------|--------|---|
| 4200 | 7,5-10 | Extraction, dent à 1 racine |
| 4201 | 12-17 | Extraction, dent à plusieurs racines |
| 4202 | 33-45 | Extraction avec séparation radiculaire |
| 4203 | 55-75 | Extraction avec volet |
| 4204 | 78-103 | Extraction avec volet + séparation radicul. |
| 4205 | 20-27 | Hémisection, amputation de racine |
| 4206 | 71-95 | Extraction d'une dent incluse simple |
| 4207 | 99-133 | Extraction dent incluse compliquée |
| 4209 | 22-30 | Élimination de dent de lait incluse |

Interventions chirurgicales

| | | |
|------|---------|--|
| 4210 | 12-16 | Petite excision |
| 4212 | 9,5-13 | Traitement de la muqueuse |
| 4218 | 30-40 | Excision de freins labiaux, etc. |
| 4227 | 18-24 | Incision d'un abcès |
| 4231 | 66-89 | Réséction apicale |
| 4232 | 48-64 | Chaque additionnelle, même ouverture |
| 4233 | 112-152 | Réséction apicale avec obturation rétrogr. |
| 4234 | 81-110 | Chaque additionnelle, même ouverture |
| 4235 | 84-114 | Cystectomie sans remplissage |

Implantation

| | | |
|--------|---------|--|
| 4250 | 57-78 | Première analyse +information du patient |
| Z 4253 | 163-221 | Premier implant + soulèvement lambeau |
| L 4255 | 159-215 | Couronne sur implant |
| 4257 | 29-39 | Réouverture pour implants en 2 temps |
| Z 4258 | 19-26 | Montage/Démontage éléments auxiliaires |

Traumatologie/Interventions diverses

| | | |
|--------|---------|--------------------------------------|
| 4270 | 9,5-13 | Réimplantation/repositionnement dent |
| 4290 | 10-13 | Contrôle de la plaie |
| 4291 | 15-21 | Traitement de la plaie |
| 4293 | 24-32 | Traitement d'hémorragie secondaire |
| 4297 | 5,5-7,5 | Pansement |
| L 4298 | 29-39 | Plaque de pansement |

바. 스위스 치과 코드 구조의 분류

표44. 스위스 치과 코드 구조의 분류 표

| | | | | | |
|---------|----------|------------------------|------|----------------------|------------------------|
| 일반 | 진단 | (4000~4096) 총 33개항목 | 우식치료 | 임시충전 | (4500~4595) 총 82개항목 |
| | 방사선 | | | 아말감 | |
| | 마취 | | | 복합레진 | |
| 구강위생/예방 | | (4100~4112) 총 8개항목 | 보철 | 세라믹인레이/레진인레이 | (4600~4790) 총 67개항목 |
| 치주 | 검사 | (4120~4190) 총 26항목 | | 인레이/골드/기타 | |
| | 치료 처치 | | | 보철/장치/기타 임시 | |
| 수술 | 추출 | (4200~4298) 총 29항목 | 교정 | 고정 | (4800~4891) 총 63개항목 |
| | 수술 주입 | | | 진단 가철식장치 고정식장치 | |
| | 외상성/기타 | | | 조작/변경/수리 | |
| 근관 | 복조/절단 | (4400~4473) 총 33항목 | | | |
| | 근관처리방법 | | | | |

사. 개정 및 업데이트

- ① 수정건의는 누구나 가능 (치과의사, 보험사 등등)
- ② 신 의료기술은 기존코드에 숫자를 붙이거나 또는 비어있는 숫자코드로 신설

J. 제외국 치과 의료행위의 분류에 대한 고찰

가. 제외국 의료행위분류의 두가지 형태

① 각각의 축이 대상, 행위, 접근법, 도구, 수단 등의 행위의 전체 정의 중 부분적 의미를 갖는 수평적 축을 구성하고 그 축의 조합에 의해 코드를 형성하는 방법,

예) ICD-10 PCS, ICHI, CCI 등

② 행위의 특성에 따라 대분류와 소분류와 같은 트리구조의 수직적 축을 구성하고 그 축의 분류에 따라 코드를 형성하는 방법

예) CDT, 스위스치과의료수가표

나. 제외국 의료행위분류의 두가지 형태에 따른 장단점

① 수평적 축구조에서는 한 가지 축이 모든 의료행위의 가능한 부분적 의미를 모두 포함하여야 하므로 축이 갖는 구성목적이 충분히 방대하지 않으면 실제 행정적으로 구분되어야 하는 개별 행위를 코드화 할 수 없음. 예) 근관치료를 PCS 코드로 표현하고자 할 때 0CRWXJ0 Replacement of upper tooth, single, with synthetic substitute, external approach 정도로 표현할 수 있으나 아말감충전 또한 똑같이 표현할 수 있어 두 행위가 구별되기 힘들

② 수평적 축구조 안에서도 각각의 축 상호 간에 서로의 범위를 제한함으로써 분류체계의 효율성을 높일 수 있음

예) ICD-10PCS에서 Body Part를 결정하면 Approach 와 Device 등의 축의 내용이 제한됨.

③ 수평적 축구조는 각각의 축이 모든 의료행위의 해당하는 부분적 의미를 충분히 포함하고 각각의 축이 서로의 내용을 유기적으로 제한해 주는 경우, 방대한 경우의 수의 행위를 코드화 할 수 있는 장점이 있으나 새로운 행위특성을 반영하기 위해서는 축내에서 다른 특성과의 관계나 축간 관계에 있어서 해당 특성의 위치를 반드시 정확하게 정의해주어야 하며 지나치게 많은 특성이 반영되어 있는 경우 용어의 이해도에 따라 같은 행위를 다른 방식으로 해석하여 상이한 코드를 부여할 여지가 있음. 반대로 코드 1 에서 기술한 바와 같이 특성이 부족한 경우 행위의 다양성을 반영하는데 어려움이 따름

④ 수직적 축구조는 매우 직관적으로 최상위 분류부터 하위 분류까지 분류에 대한 정의만 분명하다면 분류체계에 대한 특별한 이해없이 코드를 색인하고 추가하는 것이 용이함

예) 국제질병분류기호, ICHI의 Target 축

⑤ 각 층의 분류를 추가하거나 삭제해도 전체 체계에 영향을 주지 않으므로 새로운 행위특성을 반영하는 것이 용이하나 나타낼 수 있는 코드의 수는 수평적 구조에 비해 제한적임

다. 제외국 의료행위분류의 두가지 형태에 대한 고찰

- ① 각각의 코드에 빠르게 접근하고 새로운 코드를 일관되게 부여하고 기존코드와의 관계를 판단하는데 있어 효율적이므로 실무적인 용이성에 있어서는 CDT와 같은 수직적 축구조가 유리하나, 코드의 구조를 통해 행위의 특성을 나타내므로 학문적 혹은 통계적 목적에는 수평적 축구조가 유리함
- ② 본 연구의 목적은 한국 치과의료행위분류체계의 개선 방안을 제시하는 것으로 현행 치과의료행위분류체계의 가장 개선하여야할 문제는 현행체계가 전체 의료행위분류 중 제10 장 치과라는 장번호 아래 U, UH, UX, UY, UZ의 하위분류가 있는 수직적 축구조를 이루고 있으나 하위분류인 U, UH, UX, UY, UZ가 치과의료행위의 전체적 특성을 잘 구분하여 반영하고 있지 못함에 있음.
- ③ 따라서 장번호 아래 하위분류체계를 효율적으로 개선하는 것을 본 연구의 목표로 설정함.

라. 제외국 의료행위분류를 바탕으로 한 개선안 가능성 타진

- ① 치과의료행위의 국제적 표준 마련에 있어 보다 나은 호환성의 확보를 위하여 수직적 축구조를 갖는 미국의 CDT 체계의 도입 가능여부를 검토함
- ② 현재 사용되고 있는 CDT 체계내의 행위와 현 치과의료행위 체계의 행위를 비교하여 매칭을 시도함 (별책 참조)
- ③ CDT 전체 663개 중 현재 한국치과의료행위와 행위의 의미와 명칭에 있어서 정확하게 일치되는 항목은 총 100 개였고, 의미로서는 같은 행위로 볼 수 있으나 실무적 분류기준, 즉 실제 하나의 행위로 세분하여 정의하는 기준의 차이로 정확하게 같은 행위로 볼 수 없는 경우가 총 191개였으며, CDT에는 포함되나 현 치과의료행위에는 정의되어 있지 않은 행위는 총 372개였음. 의미로서 일치된다고 판단한 191개 항목에 대해서도 전문가의 의견에 따라서는 이견의 소지가 매우 높아 CDT의 직접적 적용은 어려울 것으로 판단함.
- ④ 단순히 국제적 통계 정보의 교류를 위해서는 의미가 일치하는 행위들을 동일 행위로 분류하는 것도 의미가 있을 수 있으나 현 치과의료행위 분류체계의 개선안으로서 CDT를 도입하기에는 행위명과 그에 따른 행위정의, 상대가치 등 치과의료행위와 수가체계 전반에 걸친 변화가 불가피함.
- ⑤ 현 치과 의료행위정의, 상대가치 및 수가체계 전반에 대해 변화를 가져와야 한다면 CDT와 같은 제외국 체계를 단순히 기반으로 하거나 수직적 축구조만으로 개발하기 보다 수직적 구조와 수평적 구조의 혼합을 통해 행위와 수가체계를 포괄하는 체계를 개발하거나, 행위와 수가체계를 완전히 분리하고 상호 매칭을 위한 중계 시스템을 개발하는 것이 바람직할 것으로 사료됨.
- ⑥ 제외국 분류체계와 현 치과의료행위 분류체계의 위와 같은 고찰을 통하여, 현 행위정의와 수가체계 안에서 치과의료행위 분류체계를 보다 분명하고 효율적으로 개선하기 위한 코드체계를 개발하는 것을 최종 연구방향으로 설정함.

제4장 새로운 한국 표준 치과 의료행위 분류체계

1. 연구방법

가. 연구진행 방향의 설정

- 전문가 자문

치과의사협회 보험위원회 워크숍(2016년10월29일)에 참석하여 연구취지 설명 후 의견청취

나. 연구진행 방향

- 수직적 축구조의 코드개발을 통한 현행분류체계 개선

- 공공의료기관 비급여 행위의 통상적 행위용어로의 재분류

2. 행위 분류 용어 정의 및 표준화

현재 EDI코드의 기술에 부여된 한글·영문 명칭은 치과 행위정의기술서에 정의되어있는 용어와 같고, 행위정의기술서에 정의되어있는 용어들에 대한 특별한 이견은 없음.

치과행위정의기술서에 있는 용어를 우선적으로 채택, 현재 기술되어있지 않은 용어들은 치과행위정의 위원과, 각 분과 자문을 통해 채택

(단, 한글명칭으로의 조합으로 이루어진 행위명인 경우 영문명으로 못한 것은 **불명**으로 분류)

다음의 전문가 자문을 토대로 책임연구자의 주관적 해석에 따라 행위명의 부여 및 재분류함. 현행 요양급여·비급여목록에 이미 기술되어 있는 비급여 행위의 경우에는 이미 행위정의되어 있는 행위로 분류함

- 구강내과 -책임연구자
- 보존, 소아치과, 치주, 구강악안면외과 -치과의사협회 보험위원
- 보철 -공동연구자
- 교정 -교정학회

3. 치과 의료행위 분석개요

급여, 행위비급여 분류: 기존 한국건강보험수가파일(치과부문)을 참고하여 분류 새코드 매칭

공공기관 비급여 분류: 2016년 12월 말 의료기관 홈페이지에 공개된 비급여 진료비용 공개자료를 토대로 47개 공공의료기관 비급여 행위의 통상적 행위용어로의 재분류

4. 새로운 한국 표준 치과 의료행위 분류체계 (안)

- 총 3가지 새로운 코드(안)으로 제안 (코드1, 코드1-1, 코드2)
- 코드구조의 전체예시는 모두 코드 1로 제안되어 있으며, 코드 1-1과 코드2는 제안사항이므로 전체예시 제외함

A. 코드1 구조 기본 특징 - 행위 대/중분류를 통한 순번나열식

- ① 새로운 한국 표준 치과 의료행위 분류체계의 총 코드 자리 수는 10 자리이며 10 자리 중 기본 코드는 7자리와 확장코드 3자리로 구성되어짐
- ② 코드구조의 분류는 장구분, 행위대분류, 행위중분류(행위성격), 기본코드, 추가코드, 급여구분, 산정코드로 분류
- ③ 코드 구성은 숫자 0~9, 알파벳 A~Z 까지 사용되며 알파벳 I 와 O는 숫자 1,0과 유사하므로 장구분을 제외하고 사용하지 않으며 Null값에는 코드 Z를 사용
- ④ 기본코드에는 숫자를 사용하여 2자리 기본코드를 각각 구성함, 코드를 구성시에는 뒤에서부터 번호를 대입하여 구성, 추가코드는 1자리 숫자로 구분
산정코드의 다름으로 인해 겹치는 코드가 존재할수 있으나, 현 산정코드를 추가코드로 분류해 구별 가능
- ⑤ 급여를 구분하는 자리는 (1: 급여 2: 행위비급여 3: 100:100 급여 4: 기타)로 분류함
여기서 4: 기타는 현재 공공기관 비급여자료를 바탕으로 비급여 통합행위명을 지닌 코드로 분류함
- ⑥ 확장코드는 기존의 산정코드 내용을 참고하여 사용예정이나 현재는 사용하지 않음. 산정코드의 내용에 따라 별도코드를 매길지 산정코드를 기본코드에 포함시킬지는 추후논의가 필요함
- ⑦ 새로운 의료행위에 대한 코드 생성은 각각의 행위분류에 맞는 분류를 통해 비어있는 번호로 생성

표45. 코드1 구조의 예시 표

| 자리 | 기본코드 | | | | | | | 확장코드 | | | |
|----|------|---|---|---|------|------|------|--------------------------------------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| 구조 | 장구분 | 행위대분류 | 행위중분류 (행위성격) | | 기본코드 | 추가코드 | 급여구분 | 산정코드 | | | |
| 내용 | I | A: 치주 및 예방 Periodontics & Preventive | A: 예방 Preventive Services B: 치주치료 Periodontal service | | 0~9 | 0~9 | 0~9 | 1: 급여 2: 비급여 3:100/100 4:기타 | 의미 1 | 의미 2 | 의미 3 |
| | | B: 보존 Restorative | A: 치아충전 Restorative Services B: 근관치료 Endodontic Therapy | | | | | | | | |
| | | C: 보철 Prosthodontics | A: 완전가철성보철수복 Complete prosthesis (removable) B: 부분가철성보철수복 Partial prosthesis (removable) C: 고정성보철물수복 Fixed prosthesis D: 치과임플란트와 보철 Implant Services & prosthesis E: 보철물의 제거, 수리 및 조정 Removal, Adjustments, Repairs to prosthesis | | | | | | | | |
| | | D: 치과교정 Orthodontics | A: 치아교정 Orthodontic Treatment | | | | | | | | |
| | | E: 구강내과 Oral medicine | A: 측두하악장애 및 안면통 Temporomandibular joint disorder & facial pain | | | | | | | | |
| | | F: 구강악안면수술 및 처치 Oral & Maxillofacial surgery | A: 절제 Incision 혹은 적출술 Excision B: 고정 Fixation 혹은 정복술 Reduction C: 치환 Replacement 혹은 성형술 Osteoplasty D: 발치 Extraction E: 소염, 봉합, 절개, 패쇄, 이식 등 기타 수술 Other Surgical Procedures F: 구강안면외과일반처치 Other Repair Procedures | | | | | | | | |
| | | G: 치과기타처치 General Services | A: 치과기타처치 General Services | | | | | | | | |

B. 코드1 영역별 세부 특징

가. 장 구분

- 기존 한국 건강보험 의료행위 분류체계의 장 구분을 참고하여 , A~Q 까지 알파벳을 붙여 문자로 구분, 그 중 치과처치 및 수술료는 알파벳 I로 분류되며 치과코드의 장 구분은 알파벳 I로 시작함

표46. 코드1 장구분 표

| 장구분 |
|-----------------------|
| A: 기본진찰료 |
| B: 검사료 |
| C: 영상진단 및 방사선치료료 |
| D: 투약 및 조제료 |
| E: 주사료 |
| F: 마취료 |
| G: 이학요법료 |
| H: 처치 및 수술료 |
| I: 치과 처치 및 수술료 |
| J: 조산료 |
| K: 보건기관의 진료수가 |
| L: 한방검사료 |
| M: 약국약제비 |
| N: 전혈 및 혈액성분제제료 |
| O: 입원환자 식대 |
| P: 치과의 보철료 |
| Q: 응급의료수가 |

나. 행위대분류, 행위중분류

- 새 분류체계에서의 행위의 분류는 행위대분류에서 행위성격으로 구분하며 행위대분류 선분류 후 각각의 대분류에 맞는 행위성격을 통해 상세한 행위구분이 가능하고 행위대분류는 알파벳 A~G까지 사용하고 각각의 대분류에 따라 나뉜 행위성격은 행위중분류로 분류.
- 행위대분류와 행위중분류의 용어는 학문적 및 임상적 의미를 따라 구분하나 진료영역의 구분 혹은 행위관련학회보다 실무적 의미에 더 부합하도록 설정하는 것을 추천함.
- 따로 의미정의를 하지 않아도 실무자가 쉽게 그 의미를 파악할 수 있도록 설정하는 것이 코드 운용상의 편의성과 효율성을 도모할 수 있을 것으로 사료됨.
- 현재 제시하는 행위대분류와 행위중분류는 코드체계를 구체화하기 위한 하나의 예시이며, 실제 본 코드가 활용되기 위해서는 행위대분류와 행위중분류는 실제 실무에 맞춰 조정하기 위한 추가 연구가 필요함.
- 이 때, 각 분과학회의 의견을 수렴할 필요는 있으나 진료영역이나 관련학회간의 이해상충에 따른 불필요한 논쟁을 배제하고 행위분류체계 관리주체의 실무적 목적에 최대한 부합하도록 분류하고 분류명칭을 결정할 것을 강력히 추천함.
- 분류명칭이 어떤 학문적 또는 임상적 의미를 담기보다 행위자체를 실무적으로 분류하는 목적에 더욱 부합하도록 하여야 함.
- 본 보고서의 행위대분류와 행위중분류 명칭은 본연구의 책임연구자가 상기와 같은 목표에 따라 치과 분과의 치료영역과는 무관하게 행위의 학문적 및 임상적 성격을 바탕으로 제시하는 일례임.

※ 행위대분류 [A: 치주 및 예방]

→ 행위중분류(행위성격) [A: 예방 B: 치주치료] 2개 성격으로 구분

- A: 예방

치아우식증 및 치주질환의 발생을 예방할 목적으로 시행하는 모든 치과처치 예) 치아홈메우기, 잇솔질 교육 등

- B: 치주치료

치은, 치주, 치조골 등 치아지지조직에 발생한 질환을 치료하는 치주과적 술식(예) 스켈링, 치은연하소파술, 치주성형술 등

※ 행위대분류 [B: 보존]

→ 행위중분류(행위성격) [A: 치아충전 B: 근관치료]으로 구분

- A: 치아충전

치아우식증에 이환된 치아 조직을 제거한 부위나 마모 혹은 파절에 의해 손실된 치아 부위를 치과재료로 수복하는 모든 술식. 예) 아말감충전, 복합레진충전 등

- B: 근관치료

치아의 치수조직 및 치근단 병소를 치료하기 위한 모든 술식. 예) 발수, 근관세척, 치근단미세조정술 등

※ 행위대분류 [C: 보철]

- 행위중분류(행위성격) [A: 완전 가철성 보철수복 B: 부분 가철성 보철수복 C: 고정성 보철물수복 D: 치과 임플란트와 그 보철 E: 보철물의 제거, 수리 및 조정] 으로 구분
- A: 완전 가철성 보철수복
치아가 하나도 없는 상태에서 시행하는 탈착이 가능한 보철물. 예) 완전틀니
 - B: 부분 가철성 보철수복
남아 있는 치아가 존재하고 이 치아를 이용하여 지지와 유지를 얻는 탈착이 가능한 보철물. 예) 부분틀니
 - C: 고정성 보철물수복
남아 있는 치아가 존재하고 이 치아를 이용하여 지지와 유지를 얻는 탈착이 불가능한 보철물. 예) 크라운, 브릿지
 - D: 치과 임플란트와 그 보철
치과 임플란트의 식립체와 연결부 및 그 위에 하는 보철물.
 - E: 보철물의 제거, 수리 및 조정
A, B, C, D에 해당하는 모든 보철물의 제거, 수리 및 조정과 관련된 술식, 예) 틀니 리라이닝 등
 - 임플란트 상부보철의 제거, 수리, 조정을 전통적 보철물의 제거, 수리, 조정과 구분하여 D 항목에 배치를 할 것인가 하는 것은 각 중분류의 행위의 개수나 행위수가, 관리의 효율성 등을 고려해 결정할 사항이지, 학문적으로 어떤 것이 더 의미있는가는 무관하게 결정되어야 하고, 필요하다면 임플란트 식립체와 그 상부보철의 제거, 수리, 조정 중분류를 추가하여 따로 분류하는 것도 고려할 수 있음.

※ 행위대분류 [D: 치과교정]

- 행위중분류(행위성격) [A: 치아교정] 으로 구분
- A: 치아교정
현재로서는 치과교정치료 행위를 아래와 같은 사유로 하나로 묶어 표기함.
 - 교정관련치료의 경우 현재 시행되고 있는 행위를 행위중분류로 나누기에는 자료가 부족함.
 - 현재 치과교정치료는 진단과 치료에 있어 대학병원과 임상가에서 매우 다양한 방법들과 재료가 이용되고 있는 바, 예시라 할 지라도 어느 범위까지 한국치과의료행위분류체계에 포함시킬 것인가에 대한 학계와 보건의료당국 간의 합의도출이 우선되어야 함.
 - 본 연구의 일부로서 현재 공공의료기관에서 시행되고 있는 비급여행위들을 동일한 행위끼리 재분류한 결과를 바탕으로 향후 추가 연구를 통해 치과교정치료행위의 행위정의 및 분류가 이루어질 필요가 있음.

※ 행위대분류 [E: 구강내과]

- 행위중분류(행위성격) [A: 측두하악장애 및 안면통] 으로 구분
- A: 측두하악장애 및 안면통
턱관절장애와 구강 및 안면의 다양한 통증질환에 대한 치료 술식. 예) 측두하악분석 검사, 측두하악관절자극요법 등

- 현재로서는 아래와 같은 사유로 구강내과 분야에 측두하악장애 및 안면통만을 중분류로 구분함.
- 그 외 연조직 질환이나 타액선 질환 등에 대한 투약처방은 기본진료 포함이므로 따로 분류할 필요는 없으나, 병소내 주사요법, 전문가 약물도포, 심리적 통증 질환 등에 대한 치과의료행위는 의과의료행위를 준용하거나 새로 정의해서 분류할 필요가 있음.
- 이 경우 그 결과에 따라 새로운 행위중분류를 추가하여 분류

※ 행위대분류 [F: 구강악안면수술 및 처치]

→ 행위중분류(행위성격) [A:절제 혹은 적출술 B:고정 혹은 정복술 C:치환 혹은 성형술 D:발치 E:소염, 봉합, 절개, 패쇄, 이식 등 기타소수술 F:구강안면외과일반처치] 로 구분

- A: 절제 혹은 적출술
신체일부나 병소 전체를 도려내거나 적출해 내는 술식.
예) 과두절제술, 금속나사제거술 등
- B: 고정 혹은 정복술
부러지거나 이탈된 조직을 재위치 시키고 고정시키는 술식
예) 악간고정술, 하악골골절관혈적정복술 등
- C: 치환 혹은 성형술
조직을 다른 조직 혹은 인공물로 대체하거나 조직의 형태를 변화시키는 술식.
예) 하악골치환술, 하악골성형술 등
- D: 발치
치아를 제거하는 모든 술식. 예) 완전매복치발치, 단순발치 등
- E: 소염, 봉합, 절개, 패쇄, 이식 등 기타소수술
일반적으로 외래에서 이루어질 수 있는 각종 소염시술이나 배농 등을 위한 절개, 패쇄, 이식 등의 소수술. 예) 구강내소염수술, 구강안면누공패쇄술 등
- F: 구강안면외과일반처치
외래에서 시행하는 소독 및 정기적 수술 후 처치 및 증상의 관찰 관련행위와 A~E의 중분류로 분류되지 않는 외래 기반의 다양한 기타 술식
예) 수술후처치, 수술용스프린트

※ 행위대분류 [G: 치과기타처치]

→ 행위중분류(행위성격) [A:치과기타처치] 으로 구분

- A: 치과기타처치
상기 대분류, 중분류로 분류되지 않는 기타 치과의료행위를 묶어 치과기타처치로 분류
- 기타처치행위가 향후 세분화가 필요한 경우 추가적인 중분류가 필요할 수 있으나 현재로서는 불필요하며 코드체계의 일관성을 위해 동일 명칭의 중분류로만 분류

표47. 코드1 행위대/중분류 예시

| ① 행위대분류 | ② 행위성격 |
|-----------------|---|
| A: 치주 및 예방 | A: 예방 B: 치주치료 |
| B: 보존 | A: 치아충전 B: 근관치료 |
| C: 보철 | A: 완전 가철성 보철수복 B: 부분 가철성 보철수복 C: 고정성 보철물수복 D: 치과 임플란트와 그 보철 E: 보철물의 제거, 수리 및 조정 |
| D: 치과교정 | A: 치아교정 |
| E: 구강내과 | A: 측두하악장애 및 안면통 |
| F: 구강악안면수술 및 처치 | A: 절제 혹은 적출술 B: 고정 혹은 정복술 C: 치환 혹은 성형술 D: 발치 E: 소염, 봉합, 절개, 패쇄, 이식 등 기타소수술 F: 구강안면외과일반처치 |
| G: 치과기타처치 | A: 치과기타처치 |

다. 기본코드 - 행위대분류와 행위성격을 통해 분류된 의료행위들을 기존 한국건강보험 수가코드순으로 정렬한 뒤 순번나열로 두 자리 숫자로 분류함, 순번의 시작은 행위성격단위로 나눔

표48. 코드1 기본코드 예시

| 한글명 | 영문명 | 행위대분류 | 행위성격 | 기본1 | 기본2 | 추가 | 급여 | 산정1 | 산정2 | 산정3 |
|---------------------------------|---------------------------------|-------|--------|-----|-----|----|----|-----|-----|-----|
| 즉일충전치치[1치당] | Treatment for One Visit Filling | B:보존 | A:치아충전 | 0 | 1 | Z | 1 | Z | Z | Z |
| 아말감충전[1치당]-1면 | Amalgam Filling | B:보존 | A:치아충전 | 0 | 2 | Z | 1 | Z | Z | Z |
| 아말감충전[1치당]-2면 | Amalgam Filling | B:보존 | A:치아충전 | 0 | 3 | Z | 1 | Z | Z | Z |
| 아말감충전[1치당]-3면 | Amalgam Filling | B:보존 | A:치아충전 | 0 | 4 | Z | 1 | Z | Z | Z |
| 아말감충전[1치당]-4면이상 | Amalgam Filling | B:보존 | A:치아충전 | 0 | 5 | Z | 1 | Z | Z | Z |
| 복합레진충전(글래스아이노머시멘트(II)충전포함)-1면 | Composite Resin Filling | B:보존 | A:치아충전 | 0 | 6 | Z | 1 | Z | Z | Z |
| 복합레진충전(글래스아이노머시멘트(II)충전포함)-2면 | Composite Resin Filling | B:보존 | A:치아충전 | 0 | 7 | Z | 1 | Z | Z | Z |
| 복합레진충전(글래스아이노머시멘트(II)충전포함)-3면 | Composite Resin Filling | B:보존 | A:치아충전 | 0 | 8 | Z | 1 | Z | Z | Z |
| 복합레진충전(글래스아이노머시멘트(II)충전포함)-4면이상 | Composite Resin Filling | B:보존 | A:치아충전 | 0 | 9 | Z | 1 | Z | Z | Z |
| 와동형성[1치당]-1면 | Cavity Preparation | B:보존 | A:치아충전 | 1 | 0 | Z | 1 | Z | Z | Z |

라. 추가코드 - 기존의 산정코드분류를 지닌 행위명들은 같은 기본코드에 추가코드를 사용하여 코드를 분류함. 행위대분류, 행위성격, 기본코드1, 기본코드 2 의 숫자표시가 동일하며 추가 코드로만 별도로 구분하였음 (산정코드의 내용에 따라 별도코드를 매길지 산정코드를 기본코드에 포함시킬지는 추후논의가 필요)

표49. 코드1 추가코드 예시

| 한글명 | 영문명 | 행위대분류 | 행위성격 | 기본1 | 기본2 | 추가 | 급여 | 산정1 | 산정2 | 산정3 |
|--------------------------------------|---------------------------------|-------|--------|-----|-----|----|----|-----|-----|-----|
| 즉일충전처치[1치당] | Treatment for One Visit Filling | B:보존 | A:치아충전 | 0 | 1 | Z | 1 | Z | Z | Z |
| 아말감충전[1치당]-1면 | Amalgam Filling | B:보존 | A:치아충전 | 0 | 2 | Z | 1 | Z | Z | Z |
| 아말감충전[1치당]-2면 | Amalgam Filling | B:보존 | A:치아충전 | 0 | 3 | Z | 1 | Z | Z | Z |
| 아말감충전[1치당]-3면 | Amalgam Filling | B:보존 | A:치아충전 | 0 | 4 | Z | 1 | Z | Z | Z |
| 아말감충전[1치당]-4면이상 | Amalgam Filling | B:보존 | A:치아충전 | 0 | 5 | Z | 1 | Z | Z | Z |
| 복합레진충전(글래스아이노머시멘트(Ⅱ)충전포함)-1면 | Composite Resin Filling | B:보존 | A:치아충전 | 0 | 6 | Z | 1 | Z | Z | Z |
| 복합레진충전(글래스아이노머시멘트(Ⅱ)충전포함)-2면 | Composite Resin Filling | B:보존 | A:치아충전 | 0 | 7 | Z | 1 | Z | Z | Z |
| 복합레진충전(글래스아이노머시멘트(Ⅱ)충전포함)-3면 | Composite Resin Filling | B:보존 | A:치아충전 | 0 | 8 | Z | 1 | Z | Z | Z |
| 복합레진충전(글래스아이노머시멘트(Ⅱ)충전포함)-4면이상 | Composite Resin Filling | B:보존 | A:치아충전 | 0 | 9 | Z | 1 | Z | Z | Z |
| 외동형성[1치당]-1면 | Cavity Preparation | B:보존 | A:치아충전 | 1 | 0 | Z | 1 | Z | Z | Z |
| 외동형성[1치당]-2면 | Cavity Preparation | B:보존 | A:치아충전 | 1 | 2 | Z | 1 | Z | Z | Z |
| 외동형성[1치당]-3면 | Cavity Preparation | B:보존 | A:치아충전 | 1 | 3 | Z | 1 | Z | Z | Z |
| 외동형성[1치당]-4면이상 | Cavity Preparation | B:보존 | A:치아충전 | 1 | 4 | Z | 1 | Z | Z | Z |
| 충전물연마[1치당] | Restoration Polishing | B:보존 | A:치아충전 | 1 | 5 | Z | 1 | Z | Z | Z |
| 보철물재부착[1치당] | Recementation | B:보존 | A:치아충전 | 1 | 6 | Z | 1 | Z | Z | Z |
| 아말감충전[1치당]-1면-장애인가산(뇌병변·지적·정신·자폐) | Amalgam Filling | B:보존 | A:치아충전 | 1 | 7 | 1 | 1 | Z | Z | Z |
| 아말감충전[1치당]-2면-장애인가산(뇌병변·지적·정신·자폐) | Amalgam Filling | B:보존 | A:치아충전 | 1 | 7 | 2 | 1 | Z | Z | Z |
| 아말감충전[1치당]-3면-장애인가산(뇌병변·지적·정신·자폐) | Amalgam Filling | B:보존 | A:치아충전 | 1 | 7 | 3 | 1 | Z | Z | Z |
| 아말감충전[1치당]-4면이상-장애인가산(뇌병변·지적·정신·자폐) | Amalgam Filling | B:보존 | A:치아충전 | 1 | 7 | 4 | 1 | Z | Z | Z |
| 복합레진충전(글래스아이노머시멘트(Ⅱ)충전포함)-1면-장애인가산 | Composite Resin Filling | B:보존 | A:치아충전 | 1 | 8 | 1 | 1 | Z | Z | Z |
| 복합레진충전(글래스아이노머시멘트(Ⅱ)충전포함)-2면-장애인가산 | Composite Resin Filling | B:보존 | A:치아충전 | 1 | 8 | 2 | 1 | Z | Z | Z |
| 복합레진충전(글래스아이노머시멘트(Ⅱ)충전포함)-3면-장애인가산 | Composite Resin Filling | B:보존 | A:치아충전 | 1 | 8 | 3 | 1 | Z | Z | Z |
| 복합레진충전(글래스아이노머시멘트(Ⅱ)충전포함)-4면이상-장애인가산 | Composite Resin Filling | B:보존 | A:치아충전 | 1 | 8 | 4 | 1 | Z | Z | Z |
| 외동형성[1치당]-1면-장애인가산(뇌병변·지적·정신·자폐) | Cavity Preparation | B:보존 | A:치아충전 | 1 | 9 | 1 | 1 | Z | Z | Z |
| 외동형성[1치당]-2면-장애인가산(뇌병변·지적·정신·자폐) | Cavity Preparation | B:보존 | A:치아충전 | 1 | 9 | 2 | 1 | Z | Z | Z |
| 외동형성[1치당]-3면-장애인가산(뇌병변·지적·정신·자폐) | Cavity Preparation | B:보존 | A:치아충전 | 1 | 9 | 3 | 1 | Z | Z | Z |
| 외동형성[1치당]-4면이상-장애인가산(뇌병변·지적·정신·자폐) | Cavity Preparation | B:보존 | A:치아충전 | 1 | 9 | 4 | 1 | Z | Z | Z |

마. 급여구분- 숫자로 구분함 1: 급여 2: 행위비급여 3: 100/100 4: 기타 로 표시
(4:기타는 공공기관비급여 내용을 통합행위명으로 분류한 행위정의되지 않은 비급여를 표시)

표50. 코드1 급여구분 예시

| 수가코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본1 | 기본2 | 추가 | 급여 | 산정1 | 산정2 | 산정3 |
|-------|-----------|--|--|---------------|-----------|--------|-----|-----|----|----|-----|-----|-----|
| U1110 | 자111 | 치은이식술 | Gingival Graft | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 1 | 4 | Z | 1 | Z | Z | Z |
| U2221 | 자22가 | 치주치료후처치(1구강1회당)-치석제거,치근활택술,치주소파술 후 | Treatment of Periodontal Disease After Scaling, Root | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 1 | 5 | Z | 1 | Z | Z | Z |
| U2222 | 자22나 | 치주치료후처치(1구강1회당)-치주수술후(치석제거,치근활택술,치주소파술후 이외의경우) | Treatment of Periodontal Disease After Periodontal S | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 1 | 6 | Z | 1 | Z | Z | Z |
| U2231 | 자23 | 치면세마[1/3약당] | Prophylaxis | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 1 | 7 | Z | 1 | Z | Z | Z |
| U2232 | 자23-1가 | 치석제거[1/3약당] | Scaling | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 1 | 8 | Z | 1 | Z | Z | Z |
| U2233 | 자23-1나 | 치석제거[전악] | Scaling | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 1 | 9 | Z | 1 | Z | Z | Z |
| U2240 | 자24 | 치근활택술[1/3약당] | Root Planing | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 0 | Z | 1 | Z | Z | Z |
| UH232 | 자23-1가-절주 | 치석제거[1/3약당]-장애인가산(노병변,지적,정신,자폐) | Scaling | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 1 | 1 | 1 | Z | Z | Z |
| UH233 | 자23-1나-절주 | 치석제거[전악]-장애인가산(노병변,지적,정신,자폐) | Scaling | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 2 | 1 | 1 | Z | Z | Z |
| UX102 | 처102 | 치관분리술 | Bicuspidization | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 4 | Z | 3 | Z | Z | Z |
| UV101 | 처101가 | 치관확장술[1치당](치은절제술) | Crown Lengthening(Gingivectomy) | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 5 | Z | 3 | Z | Z | Z |
| UV102 | 처101나 | 치관확장술[1치당](근단변위판막술) | Crown Lengthening(Apically Positioned Flap) | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 6 | Z | 3 | Z | Z | Z |
| UV103 | 처101다 | 치관확장술[1치당](근단변위판막술및차조골삭제술) | Crown Lengthening(Apically Positioned Flap and Ost | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 7 | Z | 1 | Z | Z | Z |
| UZ037 | 초37 | 인공치은 | Gingival Mask | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 8 | Z | 2 | Z | Z | Z |
| UZ111 | 초111 | 치은착색제거술 | Gingival Depigmentation | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 9 | Z | 2 | Z | Z | Z |
| UZ112 | 초112 | 잇몸웃음교정술 | Correction of Gummy Smile | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 3 | 0 | Z | 2 | Z | Z | Z |
| UZ113 | 초113 | 심미적 치관형성술 | Enameloplasty for Esthetics | 1: 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 3 | 1 | Z | 2 | Z | Z | Z |

바. NULL값의 표현- 아직 결정되지 않거나, 모르는 값(unknown value)을 의미하며 코드내 표기는 Z로 구분함

표51. 코드1 NULL값의 표현 예시

| 한글명 | 영문명 | 행위대분류 | 행위성격 | 기본코드1 | 기본코드2 | 추가코드 | 급여구분 | 산정코드1 | 산정코드2 | 산정코드3 |
|--------------------------------|---------------------------------|-------|--------|-------|-------|------|------|-------|-------|-------|
| 즉일충전처치[1치당] | Treatment for One Visit Filling | B:보존 | A:치아충전 | 0 | 1 | Z | 1 | Z | Z | Z |
| 아말감충전[1치당]-1면 | Amalgam Filling | B:보존 | A:치아충전 | 0 | 2 | Z | 1 | Z | Z | Z |
| 아말감충전[1치당]-2면 | Amalgam Filling | B:보존 | A:치아충전 | 0 | 3 | Z | 1 | Z | Z | Z |
| 아말감충전[1치당]-3면 | Amalgam Filling | B:보존 | A:치아충전 | 0 | 4 | Z | 1 | Z | Z | Z |
| 아말감충전[1치당]-4면이상 | Amalgam Filling | B:보존 | A:치아충전 | 0 | 5 | Z | 1 | Z | Z | Z |
| 복합레진충전(글래스아이노머시멘트(M)충전포함)-1면 | Composite Resin Filling | B:보존 | A:치아충전 | 0 | 6 | Z | 1 | Z | Z | Z |
| 복합레진충전(글래스아이노머시멘트(M)충전포함)-2면 | Composite Resin Filling | B:보존 | A:치아충전 | 0 | 7 | Z | 1 | Z | Z | Z |
| 복합레진충전(글래스아이노머시멘트(M)충전포함)-3면 | Composite Resin Filling | B:보존 | A:치아충전 | 0 | 8 | Z | 1 | Z | Z | Z |
| 복합레진충전(글래스아이노머시멘트(M)충전포함)-4면이상 | Composite Resin Filling | B:보존 | A:치아충전 | 0 | 9 | Z | 1 | Z | Z | Z |
| 외동형성[1치당]-1면 | Cavity Preparation | B:보존 | A:치아충전 | 1 | 0 | Z | 1 | Z | Z | Z |
| 외동형성[1치당]-2면 | Cavity Preparation | B:보존 | A:치아충전 | 1 | 2 | Z | 1 | Z | Z | Z |
| 외동형성[1치당]-3면 | Cavity Preparation | B:보존 | A:치아충전 | 1 | 3 | Z | 1 | Z | Z | Z |
| 외동형성[1치당]-4면이상 | Cavity Preparation | B:보존 | A:치아충전 | 1 | 4 | Z | 1 | Z | Z | Z |
| 충전물연마[1치당] | Restoration Polishing | B:보존 | A:치아충전 | 1 | 5 | Z | 1 | Z | Z | Z |
| 보철물재부착[1치당] | Recementation | B:보존 | A:치아충전 | 1 | 6 | Z | 1 | Z | Z | Z |

C. 코드(1-1) 구조 기본 특징 - 행위대분류 형식 코드구조

① 1-1(안) 기존 코드1의 행위중분류(행위성격)을 행위대분류로 나뉜 코드

기존의 코드1구조와 똑같으나, 행위대분류와 행위중분류로 구분하지 않고 행위중분류를 대분류로 적용

② 대분류와 중분류를 통한 순차적 접근이 아닌, 대분류를 통한 빠른 접근이 가능함

표52. 코드1-1 기본코드 예시

| | | 기본코드 | | | | 확장코드 | | | | |
|--|-----|---|--|------|------|------|--------------------------------------|-----|-----|-----|
| 자리 | 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 구조 | 장구분 | 행위대분류 | | 기본코드 | 추가코드 | 급여구분 | 산정코드 | | | |
| 내용 | I | A: 예방 Preventive Services | | 0~9 | 0~9 | 0~9 | 1: 급여 2: 비급여 3:100/100 4:기타 | 의미1 | 의미2 | 의미3 |
| | | B: 치주치료 Periodontal service | | | | | | | | |
| | | C: 치아충전 Restorative Services | | | | | | | | |
| | | D: 근관치료 Endodontic Therapy | | | | | | | | |
| | | E: 완전가철성보철수복 Complete prosthesis (removable) | | | | | | | | |
| | | F: 부분가철성보철수복 Partial prosthesis (removable) | | | | | | | | |
| | | G: 고정성보철물수복 Fixed prosthesis | | | | | | | | |
| | | H: 치과임플란트와 그보철 Implant Services & prosthesis | | | | | | | | |
| I: 보철물의 제거, 수리 및 조정 Removal, Adjustments, Repairs to prosthesis | | | | | | | | | | |
| J: 치아교정 Orthodontic Treatment | | | | | | | | | | |
| K: 측두하악장애 및 안면통 Temporomandibular joint disorder & facial pain | | | | | | | | | | |
| L: 절제 Incision 혹은 적출술 Excision | | | | | | | | | | |
| M: 고정 Fixation 혹은 정복술 Reduction | | | | | | | | | | |
| N: 치환 Replacement 혹은 성형술 Osteoplasty | | | | | | | | | | |
| O: 발치 Extraction | | | | | | | | | | |
| P: 소염, 봉합, 절개, 패쇄, 이식 등 기타 소수술 Other Surgical Procedures | | | | | | | | | | |
| Q: 구강안면외과일반처치 Other Repair Procedures | | | | | | | | | | |
| R: 치과기타처치 General Services | | | | | | | | | | |

D. 코드(2) 기본 특징 - 코드대입식 코드구조

- ① 기존의 건강보험수가코드, 분류번호에 새로운 코드를 대입한 방법 (장구분, 행위 대/중분류동일)
- ② 새로운 의료행위 분류체계는 기본코드 8자리와, 3자리의 확장코드로 총 11자리로 이루어짐
- ③ 코드구조의 분류는 장구분, 행위대분류, 행위중분류, 기본코드, 추가코드, 급여코드, 산정코드로 분류
- ④ 숫자 0~9, 알파벳 A~Z 까지 사용되며 알파벳 I 와 O는 숫자 1,0과 유사하므로 사용하지 않음
- ⑤ 기본코드에는 한 자리 숫자를 사용하여 3자리 기본코드를 각각 구성(분류번호가 세 자리까지 있는 경우도 있으므로 기본코드는 세 자리로 분류), 추가코드는 알파벳으로 구분, 수가 산정목적으로 필요한 부분에 관해서는 기본코드에 포함시키지 않고 확장코드로 산정코드를 분류시킴 (주/야간, 의료기관 종류, 장애 등등)
- ⑥ Null값에 코드 Z를 사용함 (단, 알파벳 Z가 사용되는 기존 수가코드의 대입시 X로 대체)
- ⑦ 겹치는 코드번호가 생성될 수 있으나, 대분류인 행위분류가 다르기 때문에 코드가 유일함
- ⑧ 새로운 의료행위에 대한 코드 생성은 각각의 행위분류에 맞는 대분류를 통해 비어있는 번호로 생성
- ⑨ 코드(1),코드(1-1)과 다른 코드방식으로 앞에서부터 번호를 대입한다.

표53. 코드2 구조의 예시 (영문명 생략)

| 자리 | 기본코드 | | | | | | | | 확장코드 | | | |
|----|------|-----------------|--|------|-----|-----|------------|------------------------------------|------|----|----|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| 구조 | 장구분 | 행위대분류 | 행위중분류(행위성격) | 기본코드 | | | 추가코드 | 급여구분 | 산정코드 | | | |
| 내용 | I | A: 치주 및 예방 | A: 예방 B: 치주치료 | 0~9 | 0~9 | 0~9 | A~Z 0~9 | 1:급여 2:비급여 3:100/100 4:기타 | 의미 | 1 | 의미 | 2 |
| | | B: 보존 | A: 치아충전 B: 근관치료 | | | | | | | | | |
| | | C: 보철 | A: 완전가철성보철수복 B: 부분가철성보철수복 C: 고정성보철물수복 D: 치과임플란트와 그보철 E: 보철물의 제거, 수리 및 조정 | | | | | | | | | |
| | | D: 치과교정 | A: 치아교정 | | | | | | | | | |
| | | E: 구강내과 | A: 측두하악장애 및 안면통 | | | | | | | | | |
| | | F: 구강악안면수술 및 처치 | A: 절제 혹은 적출술 B: 고정 혹은 정복술 C: 치환 혹은 성형술 D: 발치 E: 소염, 봉합, 절개, 패쇄, 이식 등 기타 소수술 F: 구강안면외과일반처치 | | | | | | | | | |
| | | G: 치과기타처치 | A: 치과기타처치 | | | | | | | | | |

E. 코드(2) 대입의 단편적 예

◆예시) 수가코드 U0020 분류번호 차2 치수복조

표54. 코드2 대입의 단편적 예시 표

| 장 | 수가 코드 | 분류 번호 | 한글명 |
|----|-------|-------|------|
| 10 | U0020 | 차2 | 치수복조 |



| 자리 | 기본코드 | | | | | | | | 확장코드 | | |
|-----------|-----------|-----------------|--|------|-----|-----|------------|-------------------------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 구조 | 장 구분 | 행위대분류 | 행위중분류(행위성격) | 기본코드 | | | 추가 코드 | 급여 구분 | 산정코드 | | |
| 내용 | I | A: 치주 및 예방 | A: 예방 B: 치주치료 | 0~9 | 0~9 | 0~9 | A~Z 0~9 | 급여 비급여 100/100 기타 | 의미 1 | 의미 2 | 의미 3 |
| | | B: 보존 | A: 치아충전 B: 근관치료 | | | | | | | | |
| | | C: 보철 | A: 완전가철성보철수복 B: 부분가철성보철수복 C: 고정성보철물수복 D: 치과임플란트와 그보철 E: 보철물의 제거, 수리 및 조정 | | | | | | | | |
| | | D: 치과교정 | A: 치아교정 | | | | | | | | |
| | | E: 구강내과 | A: 측두하악장애 및 안면통 | | | | | | | | |
| | | F: 구강악안면수술 및 처치 | A: 절제 혹은 적출술 B: 고정 혹은 정복술 C: 치환 혹은 성형술 D: 발치 E: 소염, 봉합, 절개, 패쇄, 이식 등 기타 소수술 F: 구강안면외과일반처치 | | | | | | | | |
| G: 치과기타처치 | A: 치과기타처치 | | | | | | | | | | |
| 대입 | I | B: 보존 | B: 근관치료 | 2 | Z | Z | Z | 1 | Z | Z | Z |

F. 코드(2)의 예시에 따른 상세설명

◆ 기본코드대입

예시) 수가코드 U0001 분류번호 차7주3인 Barbed-Broach

분류번호 차7주3을 하나씩 대입 후 코드 구성 가능

1. 차: 수가코드의 한글명에 따른 행위 대/중분류 구분
2. 7 : 기본코드 자리에 기존숫자 대입
3. 주3 : 추가코드로 분류 후 한글생략 후 남아있는 숫자 대입

표55. 코드2 특징에 따른 예시 1

| 장 | 수가코드 | 분류번호 | 한글명 | | | | | | | | |
|----|-------|-----------------|--|------|-----|-----|------------|-------------------------|------|------|------|
| 10 | U0001 | 차7주3 | Barbed-Broach | | | | | | | | |
| ↓ | | | | | | | | | | | |
| 자리 | 기본코드 | | | | | | | | 확장코드 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 구조 | 장 구분 | 행위대분류 | 행위중분류(행위성격) | 기본코드 | | | 추가 코드 | 급여 구분 | 산정코드 | | |
| 내용 | I | A: 치주 및 예방 | A: 예방 B: 치주치료 | 0~9 | 0~9 | 0~9 | A~Z 0~9 | 급여 비급여 100/100 기타 | 의미 1 | 의미 2 | 의미 3 |
| | | B: 보존 | A: 치아충전 B: 근관치료 | | | | | | | | |
| | | C: 보철 | A: 완전가철성보철수복 B: 부분가철성보철수복 C: 고정성보철물수복 D: 치과임플란트와 그보철 E: 보철물의 제거, 수리 및 조정 | | | | | | | | |
| | | D: 치과교정 | A: 치아교정 | | | | | | | | |
| | | E: 구강내과 | A: 측두하악장애 및 안면통 | | | | | | | | |
| | | F: 구강악안면수술 및 처치 | A: 절제 혹은 적출술 B: 고정 혹은 정복술 C: 치환 혹은 성형술 D: 발치 E: 소염, 봉합, 절개, 패쇄, 이식 등 기타 소수술 F: 구강안면외과일반처치 | | | | | | | | |
| | | G: 치과기타처치 | A: 치과기타처치 | | | | | | | | |
| 대입 | I | B: 보존 | B: 근관치료 | 7 | Z | Z | 3 | 1 | Z | Z | Z |

◆ 추가코드에 구분 : 세자리 기본코드 외에 한자리 추가적인 코드를 사용하여 상세분류 가능

예시) 수가코드 U0011분류번호 차1-1 치아진정처치 [1치당]

분류번호 차1-1을 하나씩 대입 후 코드 구성 가능

1. 차 : 수가코드의 한글명에 따른 행위 대/중분류 구분
2. 1 : 기본코드 자리에 기존숫자 대입
3. -1 : 추가코드로 분류 후 한글생략 후 남아있는 숫자 대입

※ 분류번호 중 추가코드로 구분되는 종류: -1..., (1)...,가...,

표56. 코드2 특징에 따른 예시 2

| 장 | 수가코드 | 분류번호 | 한글명 | | | | | | | | |
|----|-------|-----------------------|---|------|-----|-----|------------|----------------------------|-------------|-------------|-------------|
| 10 | U0011 | 차1-1 | 치아진정처치 [1치당] | | | | | | | | |
| ↓ | | | | | | | | | | | |
| 자리 | 기본코드 | | | | | | | | 확장코드 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 구조 | 장 구분 | 행위대분류 | 행위중분류(행위성격) | 기본코드 | | | 추가 코드 | 급여 구분 | 산정코드 | | |
| 내용 | I | A: 치주 및 예방 | A: 예방 B: 치주치료 | 0~9 | 0~9 | 0~9 | A~Z 0~9 | 급여 비급여 100/100 기타 | 의 미 1 | 의 미 2 | 의 미 3 |
| | | B: 보존 | A: 치아충전 B: 근관치료 | | | | | | | | |
| | | C: 보철 | A: 완전가철성보철수복 B: 부분가철성보철수복 C: 고정성보철물수복 D: 치과임플란트와 그보철 E: 보철물의 제거, 수리 및 조정 | | | | | | | | |
| | | D: 치과교정 | A: 치아교정 | | | | | | | | |
| | | E: 구강내과 | A: 측두하악장애 및 안면통 | | | | | | | | |
| | | F: 구강악안면수술 및 처치 | A: 절제 혹은 적출술 B: 고정 혹은 정복술 C: 치환 혹은 성형술 D: 발치 E: 소염, 봉합, 절개, 패쇄, 이식 등 기타 소수술 F: 구강안면외과일반처치 | | | | | | | | |
| | | G: 치과기타처치 | A: 치과기타처치 | | | | | | | | |
| 대입 | I | B: 보존 | B: 근관치료 | 1 | Z | Z | 1 | 1 | Z | Z | Z |

◆ 치면 수 표시 예시) 수가코드 U0131 분류번호 차13가(1) 아말감충전[1치당]-1면
 분류번호 차13가(1)을 하나씩 대입 후 코드 구성 가능
 여기서 (1)은 치면 수를 나타냄

1. 차 : 수가코드의 한글명에 따른 행위 대/중분류 구분
2. 13 : 기본코드 자리에 기존숫자 대입
3. 가 : 기본코드 여섯 번째 자리로 가 는 숫자 1,나 는 숫자 2 ,다는 숫자 3 ...으로 대입
4. (1) : 치면 수를 나타내는 표시로 추가코드로 분류 후 치면 수 그대로의 숫자 대입
 - ※ 분류번호 중 치면 수를 나타내 추가코드로 구분되는 종류: (1),(2),(3),(4)
 - ※ 단, 치면 수가 아닌 가(1),나(1),나(2)···인 경우 괄호 안에 숫자 표시

표57. 코드2 특징에 따른 예시 3

| 장 | 수가코드 | 분류번호 | 한글명 |
|----|-------|---------|---------------|
| 10 | U0131 | 차13가(1) | 아말감충전[1치당]-1면 |



| 자리 | 기본코드 | | | | | | | | 확장코드 | | |
|-----------|-----------|-----------------|--|------|-----|-----|------------|----------------------------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 구조 | 장 구분 | 행위대분류 | 행위중분류(행위성격) | 기본코드 | | | 추가 코드 | 급여 구분 | 산정코드 | | |
| 내용 | I | A: 치주 및 예방 | A: 예방 B: 치주치료 | 0~9 | 0~9 | 0~9 | A~Z 0~9 | 급여 비급여 100/100 기타 | 의미 1 | 의미 2 | 의미 3 |
| | | B: 보존 | A: 치아충전 B: 근관치료 | | | | | | | | |
| | | C: 보철 | A: 완전가철성보철수복 B: 부분가철성보철수복 C: 고정성보철물수복 D: 치과임플란트와 그보철 E: 보철물의 제거, 수리 및 조정 | | | | | | | | |
| | | D: 치과교정 | A: 치아교정 | | | | | | | | |
| | | E: 구강내과 | A: 측두하악장애 및 안면통 | | | | | | | | |
| | | F: 구강악안면수술 및 처치 | A: 절제 혹은 적출술 B: 고정 혹은 정복술 C: 치환 혹은 성형술 D: 발치 E: 소염, 봉합, 절개, 패쇄, 이식 등 기타 소수술 F: 구강안면외과일반처치 | | | | | | | | |
| G: 치과기타처치 | A: 치과기타처치 | | | | | | | | | | |
| 대입 | I | B: 보존 | A: 치아충전 | 1 | 3 | 1 | 1 | 1 | Z | Z | Z |

◆ 분류번호에 한글이 있는 경우 예시) 수가코드 U1541 분류번호 차154가 클래스프수리-단순[1약당]
 분류번호 차154가 를 하나씩 대입 후 코드 구성 가능

1. 차 : 수가코드의 한글명에 따른 행위 대/중분류 구분
2. 154 : 기본코드 자리에 기존숫자 대입
3. 가 : 추가코드 자리에서 한글을 대체하는 알파벳 A,B,C,D...를 맞춰 대입

표58. 코드2 특징에 따른 예시 4

| 장 | 수가코드 | 분류번호 | 한글명 |
|----|-------|-------|----------------|
| 10 | U1541 | 차154가 | 클래스프수리-단순[1약당] |



| 자리 | 기본코드 | | | | | | | | 확장코드 | | |
|-----------|-----------|-----------------|--|------|-----|-----|------------|----------------------------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 구조 | 장 구분 | 행위대분류 | 행위중분류(행위성격) | 기본코드 | | | 추가 코드 | 급여 구분 | 산정코드 | | |
| 내용 | I | A: 치주 및 예방 | A: 예방 B: 치주치료 | 0~9 | 0~9 | 0~9 | A~Z 0~9 | 급여 비급여 100/100 기타 | 의미 1 | 의미 2 | 의미 3 |
| | | B: 보존 | A: 치아충전 B: 근관치료 | | | | | | | | |
| | | C: 보철 | A: 완전가철성보철수복 B: 부분가철성보철수복 C: 고정성보철물수복 D: 치과임플란트와 그보철 E: 보철물의 제거, 수리 및 조정 | | | | | | | | |
| | | D: 치과교정 | A: 치아교정 | | | | | | | | |
| | | E: 구강내과 | A: 측두하악장애 및 안면통 | | | | | | | | |
| | | F: 구강악안면수술 및 처치 | A: 절제 혹은 적출술 B: 고정 혹은 정복술 C: 치환 혹은 성형술 D: 발치 E: 소염, 봉합, 절개, 패쇄, 이식 등 기타 소수술 F: 구강안면외과일반처치 | | | | | | | | |
| G: 치과기타처치 | A: 치과기타처치 | | | | | | | | | | |
| 대입 | I | C: 보철 | E: 보철물의 제거, 수리 및 조정 | 1 | 5 | 4 | A | 1 | Z | Z | Z |

⑥ 일곱 번째 자리 : 급여, 비급여, 100/100, 기타 급여의 구분을 숫자를 통해 구별

◆ 예시) 수가코드 U1082 분류번호 차108나(1) 조직유도재생술(골이식동반한 경우-동종골...)
 분류번호 108나(1)을 하나씩 대입 후 코드 구성 가능

1. 차 : 수가코드의 한글명에 따른 행위 대/중분류 구분
2. 108 : 기본코드 자리에 기존숫자 대입
3. 나(1) : 추가코드로 분류 후 한글생략 후 남아있는 숫자 대입
 - ※ 분류번호 중 추가코드로 구분되는 종류: -1..., (1)...,가...,
 - ※ 치면 수가 아닌 가(1),나(1),나(2)....인 경우 괄호 안에 숫자 표시 단, 산정코드가 붙은 수가코드의 경우 알파벳으로 표시
4. 급여의 구분 표시 : 순서대로 숫자로 표시

표59. 코드2 특징에 따른 예시 5

| 장 | 수가코드 | 분류번호 | 한글명 |
|----|-------|----------|---------------------------|
| 10 | U1082 | 차108나(1) | 조직유도재생술(골이식동반한 경우-동종골...) |

| 자리 | 기본코드 | | | | | | | | 확장코드 | | |
|--------------|-----------|-----------------------|---|---------|---------|---------|----------------|----------------------------|-------------|-------------|-------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 구조 | 장 구분 | 행위대분류 | 행위중분류(행위성격) | 기본코드 | | | 추가 코드 | 급여 구분 | 산정코드 | | |
| 내용 | I | A: 치주 및 예방 | A: 예방 B: 치주치료 | 0~ 9 | 0~ 9 | 0~ 9 | A~ Z 0~9 | 급여 비급여 100/100 기타 | 의 미 1 | 의 미 2 | 의 미 3 |
| | | B: 보존 | A: 치아충전 B: 근관치료 | | | | | | | | |
| | | C: 보철 | A: 완전가철성보철수복 B: 부분가철성보철수복 C: 고정성보철물수복 D: 치과임플란트와 그보철 E: 보철물의 제거, 수리 및 조정 | | | | | | | | |
| | | D: 치과교정 | A: 치아교정 | | | | | | | | |
| | | E: 구강내과 | A: 측두하악장애 및 안면통 | | | | | | | | |
| | | F: 구강악안면수술 및 처치 | A: 절제 혹은 적출술 B: 고정 혹은 정복술 C: 치환 혹은 성형술 D: 발치 E: 소염, 봉합, 절개, 패쇄, 이식 등 기타 소수술 F: 구강안면외과일반처치 | | | | | | | | |
| G: 치과기타처치 | A: 치과기타처치 | | | | | | | | | | |
| 대입 | I | A: 치주 및 예방 | B: 치주치료 | 1 | 0 | 8 | 1 | 1 | Z | Z | Z |

- ⑦ 여덟 번째자리부터 열 번째 자리 : 산정코드 의미1부터 의미3까지 분류, 현재 산정코드의 분류는 기존의 건강보험 요양 급여 비교 산정코드와 같음
 산정코드 분류는 분류번호와 수가코드를 함께 참조함

◆ 예시) 수가코드 UA101 분류번호 찬1가(1) 레진상 완전틀니[1악당]-진단및치료계획(1단계)-치과의원
 분류번호 찬1가(1)의 기본코드 하나씩 대입 후 수가코드(UA101)의 A를 확장코드에 대입

※ 단, 나중에 생긴 수가코드의 일종인 UX,UY는 제외

- 찬 : 수가코드의 한글명에 따른 행위 대/중분류 구분
- 1 : 기본코드 자리에 기존숫자 대입
- 가(1) : 추가코드로 분류 후 한글생략 후 남아있는 숫자 대입
 - ※ 분류번호 중 추가코드로 구분되는 종류: -1..., (1)...,가...,
 - ※ 치면 수가 아닌 가(1),나(1),나(2)....인 경우 괄호 안에 숫자 표시

단, 산정코드가 붙은 수가코드의 분류번호안에 가(1),나(1),나(2)....가 포함된 경우 기본코드 4번째자리 괄호안에있는 숫자는 6번째 자리로, 추가코드에는 한글을 대체한 알파벳으로 표시
- 급여의 구분 표시 : 순서대로 숫자로 표시
- 확장코드 첫 번째 자리 : 기존의 수가코드(UA101)의 A를 확장코드에 대입

표60. 코드2 특징에 따른 예시 6

| 장 | 수가코드 | 분류번호 | 한글명 |
|----|-------|---------|------------------------------------|
| 18 | UA101 | 찬1가(1) | 레진상 완전틀니[1악당]-진단및치료계획(1단계)-치과의원 |
| 18 | UB111 | 찬11가(1) | 치과임플란트[1치당]-진단및치료계획(1단계)-치과의원 |



| 자릿수 | 기본코드 | | | | | | | | 확장코드 | | |
|-----|---------|-----------|--|---------|---------|---------|----------------|----------------------------|-------------|-------------|-------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 구조 | 장 구분 | 행위 대분류 | 행위중분류 (행위성격) | 기본코드 | | | 추가 코드 | 급여 구분 | 산정코드 | | |
| 내용 | I | C: 보철 | A: 완전가철성보철수복 B: 부분가철성보철수복 C: 고정성보철물수복 D: 치과임플란트와 그보철 E: 보철물의 제거, 수리 및 조정 | 0~ 9 | 0~ 9 | 0~ 9 | A~ Z 0~9 | 급여 비급여 100/100 기타 | 의 미 1 | 의 미 2 | 의 미 3 |
| 대입 | I | C: 보철 | A: 완전가철성보철수복 | 1 | Z | 1 | A | 1 | A | Z | Z |
| | I | C: 보철 | D: 치과임플란트와 그보철 | 1 | 1 | Z | A | 1 | B | Z | Z |

◆ 예시) 산정코드를 지니고 있는 수가코드와 특이한 긴 단어의 분류번호의 새로운 코드대입법 :

수가코드 UH119 분류번호 차11-1주3-절주2 근관성형[1근관1회당]-장애인가산(뇌병변·지적·정신·자폐)
 분류번호 차11-1주3-절주2의 기본코드 하나씩 대입 후 수가코드(UH119)의 H를 확장코드에 대입

※ 단, 나중에 생긴 수가코드의 일종인 UX,UY는 제외

1. 차 : 수가코드의 한글명에 따른 행위 대/중분류 구분
2. 11 : 기본코드 자리에 기존숫자 대입
3. -1 : 여섯 번째 기본코드 자리에 기존 숫자대입
4. 주3 : 추가코드로 분류 후 한글생략 후 남아있는 숫자 대입

※ 분류번호 중 추가코드로 구분되는 종류: -1..., (1)...,가...,

※ 단,치면 수인경우 가(1),나(1),나(2)...인 경우 괄호 안에 숫자를 추가코드에 표시
 산정코드가 붙은 수가코드의 가(1),나(1),나(2)...인 경우 알파벳으로 표시

5. 절주2 : 절주2는 확장코드로 이어지는 기존수가코드의 알파벳으로 구분, 쉽게 말하면 생략
6. 급여의 구분 표시 : 순서대로 숫자로 표시
7. 확장코드 첫 번째 자리 : 기존의 수가코드(UH119)의 H를 확장코드에 대입
 수가코드에 (예 UZ182) 로 Z가 들어있는 경우 X로 대체함

표61. 코드2 특징에 따른 예시 7

| 장 | 수가 코드 | 분류 번호 | 한글명 |
|----|----------|-------------|-----------------------------------|
| 10 | UH119 | 차11-1주3-절주2 | 근관성형[1근관1회당]-장애인가산(뇌병변·지적·정신·자폐) |
| 10 | UH131 | 차13가(1)-절주2 | 아말감충전[1치당]-1면-장애인가산(뇌병변·지적·정신·자폐) |



| 자릿 수 | 기본코드 | | | | | | | | 확장코드 | | |
|---------|---------|-----------|--------------------|---------|---------|---------|----------------|------------------------------------|-------------|-------------|-------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 구조 | 장 구분 | 행위 대분류 | 행위중분류 (행위성격) | 기본코드 | | | 추가 코드 | 급여 구분 | 산정코드 | | |
| 내용 | I | B: 보존 | A: 치아충전 B: 근관치료 | 0~ 9 | 0~ 9 | 0~ 9 | A~ Z 0~9 | 급여 비급 여 100/10 0 기타 | 의 미 1 | 의 미 2 | 의 미 3 |
| 대입 | I | B: 보존 | A: 치아충전 | 1 | 1 | 1 | 3 | 1 | H | Z | Z |
| | I | B: 보존 | B: 근관치료 | 1 | 3 | 1 | 1 | 1 | H | Z | Z |

◆ 새로운 치과 의료행위 분류체계 코드의 비어있는 코드의 자리 표현

예시) 수가코드 U0010 분류번호 차1 보통처치[1치1회당]
 분류번호 차1을 하나씩 대입 후 코드 구성 가능

1. 차 : 수가코드의 한글명에 따른 행위 대/중분류 구분
2. 1 : 기본코드 자리에 기존숫자 대입
3. 기본코드 자리의 값이 비어있는 코드: 알파벳 Z로 자리를 메꿈

표62. 코드2 특징에 따른 예시 8

| 장 | 수가 코드 | 분류 번호 | 한글명 | | | | | | | | |
|----|-------|-----------------|--|------|-----|-----|------------|----------------------------|---------|---------|---------|
| 10 | U0010 | 차1 | 보통처치[1치1회당] | | | | | | | | |
| ↓ | | | | | | | | | | | |
| 자리 | 기본코드 | | | | | | | | 확장코드 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 구조 | 장 구분 | 행위대분류 | 행위중분류(행위성격) | 기본코드 | | | 추가 코드 | 급여 구분 | 산정코드 | | |
| 내용 | I | A: 치주 및 예방 | A: 예방 B: 치주치료 | 0~9 | 0~9 | 0~9 | A~Z 0~9 | 급여 비급여 100/100 기타 | 의미 1 | 의미 2 | 의미 3 |
| | | B: 보존 | A: 치아충전 B: 근관치료 | | | | | | | | |
| | | C: 보철 | A: 완전가철성보철수복 B: 부분가철성보철수복 C: 고정성보철물수복 D: 치과임플란트와 보철 E: 보철물의 제거, 수리 및 조정 | | | | | | | | |
| | | D: 치과교정 | A: 치아교정 | | | | | | | | |
| | | E: 구강내과 | A: 측두하악장애 및 안면통 | | | | | | | | |
| | | F: 구강악안면수술 및 처치 | A: 절제 혹은 적출술 B: 고정 혹은 정복술 C: 치환 혹은 성형술 D: 발치 E: 소염, 봉합, 절개, 패쇄, 이식 등 기타 소수술 F: 구강안면외과일반처치 | | | | | | | | |
| 대입 | I | B: 보존 | B: 근관치료 | 1 | Z | Z | Z | 1 | Z | Z | Z |

G. 코드대입의 부분적 예시

표63. 코드2 대입의 부분적 예시

| 수가코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본1 | 기본2 | 기본3 | 추가 | 급여 | 산정1 | 산정2 | 산정3 |
|-------|---------|--------------------------------|--|--------------|----------------|-------------------------------|-----|-----|-----|----|----|-----|-----|-----|
| U0001 | 차7주3 | Barbed-Broach | Barbed-Broach | I: 치과처치및 수술료 | B:보존 | B:근관치료 | 7 | Z | Z | 3 | 1 | Z | Z | Z |
| U0002 | 차7주4 | Reamer 또는 File | Reamer or File | I: 치과처치및 수술료 | B:보존 | B:근관치료 | 7 | Z | Z | 4 | 1 | Z | Z | Z |
| U0010 | 차1 | 보통처치[1치1회당] | Simple Treatment | I: 치과처치및 수술료 | B:보존 | B:근관치료 | 1 | Z | Z | Z | 1 | Z | Z | Z |
| U0011 | 차1-1 | 치아진정처리[1치당] | Dental Sedative Filling | I: 치과처치및 수술료 | B:보존 | B:근관치료 | 1 | Z | 1 | Z | 1 | Z | Z | Z |
| U0012 | 차1-2 | 치아파절편제거[1치당] | Removal of Fractured Tooth Fragment | I: 치과처치및 수술료 | F:구강악안면수술 및 처치 | E:소염, 봉합, 절개, 패쇄, 이식 등 기타 소수술 | 1 | Z | 2 | Z | 1 | Z | Z | Z |
| U0020 | 차2 | 치수복조[1치당] | Pulp Capping | I: 치과처치및 수술료 | B:보존 | B:근관치료 | 2 | Z | Z | Z | 1 | Z | Z | Z |
| U0041 | 차4가 | 지각과민처리[1치당]-약물도포,이온도입법의경우 | Desensitizing Treatment-Topical Application, Iontophoresis | I: 치과처치및 수술료 | G:치과기타처치 | A:치과기타처치 | 4 | Z | Z | A | 1 | Z | Z | Z |
| U0050 | 차5 | 근관와동형성[1근관당] | Access Cavity Preparation | I: 치과처치및 수술료 | B:보존 | B:근관치료 | 5 | Z | Z | Z | 1 | Z | Z | Z |
| U0060 | 차6 | 즉일충전처리[1치당] | Treatment for One Visit Filling | I: 치과처치및 수술료 | B:보존 | A:치아충전 | 6 | Z | Z | Z | 1 | Z | Z | Z |
| U0074 | 차7가 | 당일발수근충[1근관당]-영구치 | One Visit Endodontics-Permanent Tooth | I: 치과처치및 수술료 | B:보존 | B:근관치료 | 7 | Z | Z | A | 1 | Z | Z | Z |
| U0075 | 차7나 | 당일발수근충[1근관당]-유치 | One Visit Endodontics-Deciduous Tooth | I: 치과처치및 수술료 | B:보존 | B:근관치료 | 7 | Z | Z | B | 1 | Z | Z | Z |
| U0090 | 차9 | 치수절단[1치당] | Pulpotomy | I: 치과처치및 수술료 | B:보존 | B:근관치료 | 9 | Z | Z | Z | 1 | Z | Z | Z |
| U0101 | 차10 | 발수[1근관당] | Pulp Extirpation | I: 치과처치및 수술료 | B:보존 | B:근관치료 | 1 | 0 | Z | Z | 1 | Z | Z | Z |
| U0111 | 차11 | 근관세척[1근관회당] | Root Canal Irrigation | I: 치과처치및 수술료 | B:보존 | B:근관치료 | 1 | 1 | Z | Z | 1 | Z | Z | Z |
| U0116 | 차11-1 | 근관확대[1근관회당] | Root Canal Enlargement | I: 치과처치및 수술료 | B:보존 | B:근관치료 | 1 | 1 | 1 | Z | 1 | Z | Z | Z |
| U0119 | 차11-1주3 | 근관성형[1근관회당] | Root Canal Enlargement | I: 치과처치및 수술료 | B:보존 | B:근관치료 | 1 | 1 | 1 | 3 | 1 | Z | Z | Z |
| U0121 | 차12가 | 단순근관충전[1근관당] | Root Canal Filling with Single Cone Method | I: 치과처치및 수술료 | B:보존 | B:근관치료 | 1 | 2 | Z | A | 1 | Z | Z | Z |
| U0126 | 차12나 | 가압근관충전[1근관당] | Root Canal Filling with Condensation Method | I: 치과처치및 수술료 | B:보존 | B:근관치료 | 1 | 2 | Z | B | 1 | Z | Z | Z |
| U0131 | 차13가(1) | 아말감충전[1치당]-1면 | Amalgam Filling | I: 치과처치및 수술료 | B:보존 | A:치아충전 | 1 | 3 | 1 | 1 | 1 | Z | Z | Z |
| U0132 | 차13가(2) | 아말감충전[1치당]-2면 | Amalgam Filling | I: 치과처치및 수술료 | B:보존 | A:치아충전 | 1 | 3 | 1 | 2 | 1 | Z | Z | Z |
| U0133 | 차13가(3) | 아말감충전[1치당]-3면 | Amalgam Filling | I: 치과처치및 수술료 | B:보존 | A:치아충전 | 1 | 3 | 1 | 3 | 1 | Z | Z | Z |
| U0134 | 차13가(4) | 아말감충전[1치당]-4면이상 | Amalgam Filling | I: 치과처치및 수술료 | B:보존 | A:치아충전 | 1 | 3 | 1 | 4 | 1 | Z | Z | Z |
| U0135 | 차13나(1) | 복합레진충전(글래스아이노머 시멘트(Ⅲ충전포함)-1면 | Composite Resin Filling | I: 치과처치및 수술료 | B:보존 | A:치아충전 | 1 | 3 | 2 | 1 | 1 | Z | Z | Z |
| U0136 | 차13나(2) | 복합레진충전(글래스아이노머 시멘트(Ⅲ충전포함)-2면 | Composite Resin Filling | I: 치과처치및 수술료 | B:보존 | A:치아충전 | 1 | 3 | 2 | 2 | 1 | Z | Z | Z |
| U0137 | 차13나(3) | 복합레진충전(글래스아이노머 시멘트(Ⅲ충전포함)-3면 | Composite Resin Filling | I: 치과처치및 수술료 | B:보존 | A:치아충전 | 1 | 3 | 2 | 3 | 1 | Z | Z | Z |
| U0138 | 차13나(4) | 복합레진충전(글래스아이노머 시멘트(Ⅲ충전포함)-4면이상 | Composite Resin Filling | I: 치과처치및 수술료 | B:보존 | A:치아충전 | 1 | 3 | 2 | 4 | 1 | Z | Z | Z |
| U0140 | 차14 | 러버담장착[1약당] | Rubber Dam Application | I: 치과처치및 수술료 | G:치과기타처치 | A:치과기타처치 | 1 | 4 | Z | Z | 1 | Z | Z | Z |

5. 공공기관 등 비급여 통합행위명분류

A. 치과 의료행위 분석

- 의료기관 현장에서 발생하는 치과 진료 행위를 수집·분석하여 향후 치과의료행위 통합 관리체계 마련 및 비급여 현황 파악 등을 위한 기초자료로 활용

B. 연구 방법 및 특징

- 공공의료기관 등 비급여 행위의 통상적 행위용어로의 재분류

가. 자료원 및 대상

- 연구자료 제공에 동의한 43개 공공의료기관 중 치과 진료 건이 발생한 33개 기관의 자료를 수집하여 분석함
- 공공의료기관 등 입원 및 외래 데이터 (2015년 12월 진료분)
- 8개의 추가적인 종합병원 홈페이지 비급여 비용 게시 자료 참고 (2016년 10월)

나. 수집항목

- 진료형태(치과입원, 치과외래, 의과입원, 의과외래)
- 진료분야, 주상병, 입·내원일수, 급여구분(급여, 법정비급여, 100/100), 코드구분(수가, 준용수가, 보험등재약, 원료약, 치료재료), EDI코드, 한글(영문명칭)

다. 자료의 한계점

- 공공의료기관과 민간의료기관의 진료경향차이로 인해 일선 의료기관의 치과 의료행위를 파악하기에는 일정부분 한계가 있음

라. 분석개요

- 33개 공공의료기관 등 2015년 12월 발생한 진료내역 34,174줄의 데이터, 진료비는 681,769,365원임
- 진료형태: 치과외래진료 94.4%, 이외는 의과 입원 및 외래에서 치과 진료가 발생한 경우임
- 다빈도 진료분야: 치과보존과 85.6%, 구강악면외과 7.9% 순임
- 급여구분
 - 34,174줄 데이터중 비급여 4.2%, 급여(100/100포함) 95.8%
 - 진료비 681,769,365원 중 비급여 39.1% 급여 60.9%

- 상병분석

표64. 다빈도 급여·비급여의 상병분석

| 급여 | | | | 비급여 | | |
|----|------|--|-------|------|----------------------------|-----|
| 순위 | 코드 | 명칭 | 줄수 | 코드 | 명칭 | 줄수 |
| 1 | K053 | 만성치주염 | 9,938 | K053 | 만성치주염 | 379 |
| 2 | K040 | 치수염 | 2,380 | K021 | 상아질의 우식 | 177 |
| 3 | K021 | 상아질의 우식 | 1,946 | K040 | 치수염 | 97 |
| 4 | K081 | 사고, 추출 또는 국한성 치주병에 의한 치아상실 | 1,571 | K081 | 사고, 추출 또는 국한성 치주병에 의한 치아상실 | 53 |
| 5 | K022 | 시멘트질의 우식 | 934 | K076 | 턱관절장애 | 30 |
| 6 | K052 | 급성 치주염 | 835 | K031 | 치아의 마모 | 29 |
| 7 | Z463 | 치과보철 장치의 부착 및 조정을 위하여 보건서비스와 접하고 있는 사람 | 782 | K022 | 시멘트질의 우식 | 27 |
| 8 | K083 | 잔류치근 | 724 | S025 | 치아의 파절 | 19 |
| 9 | K047 | 동이 없는 근단주위 농양 | 714 | K028 | 기타 치아우식 | 14 |
| 10 | K011 | 매복치 | 640 | K029 | 상세불명의 치아우식 | 14 |

- 의료행위분석(진찰료, 의료질평가지원금 등 제외)

표65. 다빈도 급여 치과의료행위의 분류

| 순위 | 행위명 | 줄수 |
|----|-----------------|-----|
| 1 | 파노라마 일반 | 567 |
| 2 | 치석제거(전악) | 415 |
| 3 | 치과침윤마취(1/3약당) | 290 |
| 4 | 치석제거(1/3약당) | 242 |
| 5 | 충전물연마(1치당) | 209 |
| 6 | 치과침윤마취 | 166 |
| 7 | 치근단1매 | 269 |
| 8 | 근관세척(1근관1회당) | 143 |
| 9 | 치과전달마취(하치조신경블록) | 128 |
| 10 | 근관확대(1근관1회당) | 126 |

마. 다빈도 비급여 치과의료행위

보철, 레진, 임플란트 등이 다수를 이루며, 병원에 따라 행위의 복잡정도, 환자상태, 재료 등에 따라 다양한 표현방식으로 비급여 운영 중이며, 이에 대한 통합행위명칭은 별도 부록으로 제시함

- 각각의 행위명에 맞는 비급여 통합행위명을 각 분과에 자문을 통해 분류
 - 구강내과 - 책임연구자
 - 보존, 소아치과, 치주, 구강악안면외과 - 치과의사협회 보험위원
 - 보철 - 공동연구자
 - 교정 - 교정학회
- 현행 요양급여·비급여목록에 이미 기술되어 있는 비급여 행위의 경우에는 이미 행위정의되어 있는 행위로 분류함.
- 비급여 통합행위명분류의 코드매칭의 경우 코드1과 매칭방법이 같으며, 급여부분에서 4번을 나타냄 (단, 비급여 통합행위명이 현재 비급여행위와 같을 경우 비급여행위의 코드번호와 동일시함)

표66. 공공기관 등 비급여 통합행위명 분류 부분 예시

| 분류 번호 | 한글명 | 영문명 | 비급여통합 행위명 | 장구분 | 행위대분류 | 행위중분류 | 기본 1 | 기본 2 | 추가 | 급여 | 산정 2 | 산정 2 | 산정 3 |
|----------|-----------------------|----------------------------|--------------|--------------|-----------|--------|---------|---------|----|----|---------|---------|---------|
| A1 | TBI(치과) | tooth brush instruction | 치태조절교육 | I :치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |
| 26 | TBI-1 | tooth brush instruction | 치태조절교육 | I :치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |
| 26 | TBI-2 | tooth brush instruction | 치태조절교육 | I :치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |
| 4386 | 스케일링 B(T.B.I) | tooth brush instruction | 치태조절교육 | I :치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |
| 4386 | 스케일링 B(T.B.I)/재료 비 | tooth brush instruction | 치태조절교육 | I :치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |
| B2 | 치면세균막관리교육 | Plaque Control Instruction | 치태조절교육 | I :치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |
| E5 | 치주관리 | Plaque Control Instruction | 치태조절교육 | I :치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |
| 21 | 티 비 아이-A | tooth brush instruction | 치태조절교육 | I :치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |
| 21 | 티 비 아이-B | tooth brush instruction | 치태조절교육 | I :치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |

제5장 연구 고찰

1. 치과의료 행위분류코드 현황

A. 현재 의료 행위분류는 의과 및 치과의료 행위 급여, 비급여 목록 및 급여 상대가치 점수를 위한 분류번호와 코드가 존재

- 분류번호는 대분류에 해당하는 장번호와 행위번호의 구조로 '차-111 치은이식술' 등의 형태임.
- 코드는 치과의 경우 U, UH, UX, UY, UZ 등의 알파벳 문자에 1부터 999까지의 번호를 붙이는 형태.

B. 현행 치과의료 행위의 분류번호와 코드의 문제점

- 코드가 순서 혹은 의미를 기준으로 배열되어 있지 않고 체계적 배치가 부족함.
- 의료행위가 추가되었을 때 무작위로 추가되고 불규칙한 코드가 부여되면서 체계의 일관성이 훼손됨.
- 향후 급여확대 방향에 따라 비급여 행위가 급여로 재분류 될 때에도 기존의 분류 안에 삽입하는 것이 어려워 별도의 장이나 분류를 새로 만들어야하고 이 경우 기존의 코드 체계의 왜곡이 불가피함.

C. 문제점의 주요 원인

가. 분류번호와 코드의 이원화

- 초기 분류번호가 단순히 장번호에 번호를 누적하는 형태로 되어 있음에도 코드를 구성하는 1 ~ 999까지의 번호를 분류번호를 따르는 형태를 취함으로써 코드의 확장성을 제한함.
- 전체 치과의료 행위가 하나의 대분류인 장번호에 묶여 있어 하나의 장번호 내에서 코드의 확장성이 제한을 받음.

나. 분류번호 및 코드 관리상의 오류

- 새로운 행위가 추가될 때 제한된 코드의 확장성을 극복하기 위해 새로운 장번호를 만들거나 코드에 추가 코드를 부여하는 방식으로 코드 체계의 본래 구조가 훼손됨.

D.문제점의 해결방향

가. 이원화된 장번호와 코드의 통합

- 현실적으로 통합이 어렵다면 장번호에 구애받지 않는 형태의 코드체계 개발.

나. 장번호를 대분류라고 보았을 때 치과의료행위라는 대분류 아래 학문적, 임상적 및 행정적 측면에서 편의성을 갖는 하위분류 개발

- 하위분류는 각각의 하위분류 내의 행위 개수가 직관적 검색 가능 수준으로 제한될 수 있을 만큼 세분화.
- 필요시 하위분류 자체를 추가하거나 삭제할 수 있도록 구성.

2. 새로운 코드체계의 장단점

- 1안은 행위를 대분류와 중분류 2 단계의 수직적 축구조로 분류하고 중분류 내에서 일련번호를 부여한 형태임.
- 1-1안은 행위를 단순히 1 단계로만 분류하여 일련번호를 부여한 형태로 현행 치과의료 행위가 500 개를 넘지 않고, 향후 비급여 행위가 모두 분류체계 내에 포함된다고 하더라도 1,000개를 넘지 않을 것이라는 추정 하에 코드체계를 보다 단순화하고 규모를 축소하기 위해 추가로 제안함.
- 2안은 요양급여비급여행위목록의 분류번호를 유지한다는 전제하에 분류번호를 현행과 같이 행위대분류, 중분류 아래의 일련번호에 최대한 반영하여 분류번호와 코드의 연계성을 유지하고자 하는 측면에서 제안함.
- 단, 이는 현행 분류체계의 문제점에서 제시한 바와 같이 분류번호와 코드를 일원화하는 것이 여러 현실적 이유로 불가능하거나 일원화를 위한 중간단계의 과정이 필요할 때를 고려한 것일 뿐 본 연구의 취지에 부합함에 있어서는 부족함이 있음.

3. 연구 제한점

연구취지를 충분히 설명하여도 연구결과가 임상환경에 미칠 영향에 대한 불확실성 때문에 전문가 자문시에는 매우 보수적이고 제한적인 회신만을 받을 수 있어 책임연구자의 주관적 판단이 추가 됨.

- 향후 본 연구결과의 활용을 위해서는 코드내의 행위대분류, 중분류 및 비급여행위의 재분류의 지속적인 추가적 수정, 보완이 필수적이거나, 이 경우 행위분류체계는 학술적이기보다 통계 및 행정실무적 목적에 더 부합하여야하므로 각분과학회의 학술적 혹은 진료영역으로서의 의견보다는 행정실무적인 측면에서의 보완이 이루어져야함.
- 본 연구결과에 따른 분류체계와 비급여행위분류를 추가로 개선하고 실제적용하기 위해서는 별도의 개인 연구자가 연구주체가 되어 각각의 전문가 자문을 받는 형태보다 각각의 분과 전문가들이 모두 포함된 치과대학병원과 같은 기관이 연구주체가 되는 것이 바람직할 것으로 사료됨.

4. 향후 급여·비급여 통합 관리방안의 제안

표67. 새 한국치과행위분류코드 분류 내역

| 행위분류식 | | | | 코드대입식 | | | |
|------------|------------|-------------|-------------|------------|------------|-------------|-------------|
| 대분류 | EDI | no-EDI | 총계 | 대분류 | EDI | no-EDI | 총계 |
| 치주 | 33 | 33 | 66 | 치주및 예방 | 33 | 33 | 66 |
| 보존 | 59 | 173 | 232 | 보존 | 59 | 173 | 232 |
| 보철 | 216 | 382 | 598 | 보철 | 216 | 382 | 598 |
| 치과교정 | 2 | 132 | 134 | 치과교정 | 2 | 132 | 134 |
| 구강내과 | 20 | 20 | 40 | 구강내과 | 20 | 20 | 40 |
| 구강악안면수술및치치 | 117 | 177 | 294 | 구강악안면수술및치치 | 117 | 177 | 294 |
| 치과기타치치 | 12 | 38 | 50 | 치과기타치치 | 12 | 38 | 50 |
| 불명 | | 133 | 133 | 불명 | | 133 | 133 |
| 총계 | 459 | 1088 | 1547 | 총계 | 459 | 1088 | 1547 |

- 현재 행위정의되어 있는 급여 및 비급여 행위는 459개로 공공의료기관에서 현재 사용되고 있는 1,210개 행위명을 토대로 조사 분류한 비급여행위는 내용을 파악할 수 없는 133개의 행위를 제외하고 955개의 행위가 총 151개의 행위로 분류됨. 이 중 이미 행위정의가 되어있는 행위를 제외하면 131 개가 현재 공공의료기관에서 자체적으로 운용하고 있는 비급여 행위임.
- 치과보장성 확대에 따라 점진적으로 비급여 행위가 행위정의 되고 관리된다할지라도 총 치과의료행위의 개수는 행위정의 된 459개의 행위와 공공기관의 행위를 바탕으로 조사된 추가행위 151개를 합친 610개와 유사한 개수일 것이 추정됨. 이 때 행위의 본래 정의나 성격 이외에 의료기관 종류나, 행위의 복잡성, 치아의 치근 수 등의 변수는 추가코드 혹은 산정코드를 이용해 한 행위 내에서 세 분류가 되도록 코드를 운용함을 전제로 함.
- 현재의 행위를 장 분류 아래 치과의료행위 하나로 묶어 있고 그 하위분류가 행위의 특성을 반영하고 있지 않은 치과의료행위를 행위의 특성에 따라 1 단계 혹은 2 단계의 수직적 축 구조에 따라 그룹화하여 재분류 하는 것을 일차 목표로 하는 것을 제안함.
- 이후 분류체계의 관리상에 있어 새로운 행위가 추가될 때에는 새로운 그룹을 추가하거나 기 분류 된 최하위 그룹 내에 추가할 것인가를 면밀히 검토하여 결정하는 과정이 필요함.
- 향후 수직적 축 구조에 수평적 축 구조를 병합하는 방안도 고려할 수 있는 바, 한 행위가 어떤 대상에 대해 어떠한 난이도로 이루어졌는지 혹은 치료시간이 얼마나 소요 됐는지의 특성이 치과정책수립에 필요하다면 이러한 특성을 코드 뒤에 새로운 축으로 추가함으로써 ICHI 와 같이 수평적 축 구조와 수직적 축 구조를 병합하여 활용할 수 있음. 예) 본 연구를 통해 제안한 수직적 축구조의 코드(1번안)에 따라 광중합형복합레진충전은 IBA02Z2(I:치과처치 및 수술료, B:보존, A:치아충전, 02:기본코드,

Z:추가코드 없음, 2:비급여)로 코드 부여 될 수 있으며, 이 코드 뒤에 '대상'축 을 추가하는 경우를 예 로 들면 다음과 같이 IBA0224AZ2로 확장할 수 있음.

| 기본코드 | | | | | | | | | |
|------|-------|-------|------|---|------|---|------|------|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 장구분 | 행위대분류 | 행위중분류 | 기본코드 | | 치아번호 | | 해부구조 | 추가코드 | 급여 |
| I | B | A | 0 | 2 | 2 | 4 | A | Z | 2 |

- 6, 7번째 코드: 치아번호, 치아번호와 상관없이01(우측), 02(좌측), 03(중앙)
- 8 번째 코드: A(치아), B(협 혹은 순측치은), C(설 혹은 구개측치은), D(근심치은), E(원심치은), F(협 혹은 순측 전정), G(구강저), H(경구개), J(연구개), K(협 혹은 순점막)
L(상순), M(하순), P(구각), Q(편도), R(구개수), S(인후), T(설배면), U(설복면)

참고문헌

- 건강보험심사평가원.건강보험요양급여비용.2016
건강보험심사평가원.의 치과 한방 수가파일.2016
의료보험 수가구조 개편을 위한 상대가치 개발.1997
한국표준의료행위(KCPM) 분류체계개발.1996
한국치과표준의료행위(KCPD) 분류체계개발. 1996
건강보험심사평가원.KOPG 2017
대한치과의사협회.치과의료행위3차원분류.2003
행위분류 정비 및 의사업무량 상대가치 개발연구.2004
2017 보건의료용어표준
2004 치과의료행위정의
제외국 의료행위 분류체계 비교연구. 대한의무기록협회. 2013
2017-Official-ICD-10-PCS-Coding-Guidelines.2017
ICD-10-AM/ACHI/ACS Ninth Edition.2015
ICHI.2016
CPT.available at:
<http://www.anesthesiallc.com/images/brochures/Anesthesiology-Related-CPT-Codes.pdf>
Canadian classification of health interventions.Vol3.2006
CDT_Code Maintenance Timeline.2016
ICHI.available at: <http://mitel.dimi.uniud.it/ichi/>
sso.available at:
https://www.sso.ch/fileadmin/upload_sso/3_Patienten/6_Recht_Tarif/Tarif_kurz_f.pdf

- 부 록 -

[새로운 한국 표준 치과 의료행위 분류체계(안)의 급여, 행위 비급여 분류]
[공공기관 등 비급여 통합행위명]

[새로운 한국 표준 치과 의료행위 분류체계(안)의 급어, 행위 비급어 분류]

치주

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급어 | 신경 1 | 신경 2 | 신경 3 |
|-------|----------|--|---|----------------|-----------|--------|------|------|----|----|------|------|------|
| U2390 | 차39 | 치면열구전색술[1치당] | Fissure Sealing | I : 치과치치 및 수술로 | A:치주 및 예방 | A:예방 | 0 | 1 | Z | 1 | Z | Z | Z |
| UH890 | 차39-절주 | 치면열구전색술[1치당]-장애인가산(니병변·지적·경산·자폐) | Fissure Sealing | I : 치과치치 및 수술로 | A:치주 및 예방 | A:예방 | 0 | 2 | 1 | 1 | Z | Z | Z |
| U1020 | 차102 | 치은신부착술[1/3약당] | Excisional New Attachment Procedure | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 0 | 1 | Z | 1 | Z | Z | Z |
| U1030 | 차103 | 치은성형술[1/3약당] | Gingivoplasty | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 1 | Z | Z | Z |
| U1040 | 차104 | 치은절제술[1/3약당] | Gingivectomy | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 0 | 3 | Z | 1 | Z | Z | Z |
| U1051 | 차105가 | 치은박리소파술-간단[1/3약당] | Periodontal Flap Operation-Simple | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 0 | 4 | Z | 1 | Z | Z | Z |
| U1052 | 차105나 | 치은박리소파술-복잡[치조골의성형,삭제술포함][1/3약당] | Periodontal Flap Operation-Complicated | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 0 | 5 | Z | 1 | Z | Z | Z |
| U1060 | 차106 | 치근면치치술[1/3약당] | Root Conditioning | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 0 | 6 | Z | 1 | Z | Z | Z |
| U1071 | 차107가 | 치조골결손부골이식술(동종골,이종골,합성골이식의경우) | Allogenic, Xenogenous or Substitute BoneGraftforAlveolarBoneDefects | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 0 | 7 | Z | 1 | Z | Z | Z |
| U1072 | 차107나 | 치조골결손부골이식술(자기골이식의경우 [채취포함]) | Autogenous Bone Graft for Alveolar Bone Defects | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 0 | 8 | Z | 1 | Z | Z | Z |
| U1081 | 차108가 | 조직유도재생술(골이식을동반하지아니한경우) | Guided Tissue Regeneration without Bone Graft | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 0 | 9 | Z | 1 | Z | Z | Z |
| U1082 | 차108나(1) | 조직유도재생술(골이식을동반한경우-동종골,이종골,합성골이식의경우) | Guided Tissue Regeneration with Allogenic, Xenogenous or Substitute Bone Graft | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 1 | 0 | Z | 1 | Z | Z | Z |
| U1083 | 차108나(2) | 조직유도재생술(골이식을동반한경우-자기골이식의경우[채취포함]) | Guided Tissue Regeneration with Autogenous Bone Graft | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 1 | 1 | Z | 1 | Z | Z | Z |
| U1090 | 차109 | 조직유도재생막제거술 | Removal of Barrier Membrane | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 1 | 2 | Z | 1 | Z | Z | Z |
| U1100 | 차110 | 치은측방변위판막술,치관변위판막술 | Laterally Positioned Flap, Coronally Positioned Flap | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 1 | 3 | Z | 1 | Z | Z | Z |
| U1110 | 차111 | 치은이식술 | Gingival Graft | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 1 | 4 | Z | 1 | Z | Z | Z |
| U2221 | 차22가 | 치주치로후치치[1구경1회당]-치석제거,치근활택술,치주소파술 후 | Treatment of Periodontal Disease After Scaling,Root Planning or Subgingival Curettage | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 1 | 5 | Z | 1 | Z | Z | Z |
| U2222 | 차22나 | 치주치로후치치[1구경1회당]-치주수술후[치석제거,치근활택술,치주소파술후]이외의경우) | Treatment of Periodontal Disease After Periodontal Surgery | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 1 | 6 | Z | 1 | Z | Z | Z |
| U2231 | 차23 | 치면세마[1/3약당] | Prophylaxis | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 1 | 7 | Z | 1 | Z | Z | Z |
| U2232 | 차23-1가 | 치석제거[1/3약당] | Scaling | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 1 | 8 | Z | 1 | Z | Z | Z |
| U2233 | 차23-1나 | 치석제거[전악] | Scaling | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 1 | 9 | Z | 1 | Z | Z | Z |
| U2240 | 차24 | 치근활택술[1/3약당] | Root Planing | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 0 | Z | 1 | Z | Z | Z |

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급여 | 산정 1 | 산정 2 | 산정 3 |
|-------|---------------|----------------------------------|--|----------------|-----------|--------|---------|---------|----|----|---------|---------|---------|
| UH232 | 치23-1가-결 주 | 치석제거[1/3악당]-장애편인기선(뇌병변·지적·정신·지폐) | Scaling | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 1 | 1 | 1 | Z | Z | Z |
| UH233 | 치23-1가-결 주 | 치석제거[전악]-장애편인기선(뇌병변·지적·정신·지폐) | Scaling | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 2 | 1 | 1 | Z | Z | Z |
| UX102 | 치102 | 치관분리술 | Bicuspidization | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 4 | Z | 3 | Z | Z | Z |
| UY101 | 치101가 | 치관확장술[1치당](치은절제술) | Crown Lengthening(Gingivectomy) | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 5 | Z | 3 | Z | Z | Z |
| UY102 | 치101나 | 치관확장술[1치당](근단변위편막술) | Crown Lengthening(Apically Positioned Flap) | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 6 | Z | 3 | Z | Z | Z |
| UY103 | 치101다 | 치관확장술[1치당](근단변위편막술및치조골삭제술) | Crown Lengthening(Apically Positioned Flap and Osteotomy of Alveolar Bone) | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 7 | Z | 1 | Z | Z | Z |
| UZ037 | 초37 | 인공치은 | Gingival Mask | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 8 | Z | 2 | Z | Z | Z |
| UZ111 | 초111 | 치은착색제거술 | Gingival Depigmentation | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 2 | 9 | Z | 2 | Z | Z | Z |
| UZ112 | 초112 | 잇몸웃음교정술 | Correction of Gummy Smile | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 3 | 0 | Z | 2 | Z | Z | Z |
| UZ113 | 초113 | 심미적 치관형성술 | Enameloplasty for Esthetics | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 3 | 1 | Z | 2 | Z | Z | Z |
| UI010 | 차101 | 치주소파술1/3악당 | Subgingival Curettage | I : 치과치치 및 수술로 | A:치주 및 예방 | B:치주치료 | 3 | 2 | Z | 1 | Z | Z | Z |

보존

| 수요코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본 | 기본 수량 | 추가 | 급여 | 신정 | 신정 2 | 신정 용 |
|-------|-----------------|---|---------------------------------|---------------|-------|--------|----|----------|----|----|----|---------|---------|
| U0060 | 차16 | 죽일충전차[1치당] | Treatment for One Visit Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 0 | 1 | Z | 1 | Z | Z | Z |
| U0131 | 차13가(1) | 아말감충전[1치당]-1면 | Amalgam Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 0 | 2 | Z | 1 | Z | Z | Z |
| U0132 | 차13가(2) | 아말감충전[1치당]-2면 | Amalgam Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 0 | 3 | Z | 1 | Z | Z | Z |
| U0133 | 차13가(3) | 아말감충전[1치당]-3면 | Amalgam Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 0 | 4 | Z | 1 | Z | Z | Z |
| U0134 | 차13가(4) | 아말감충전[1치당]-4면이상 | Amalgam Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 0 | 5 | Z | 1 | Z | Z | Z |
| U0135 | 차13나(1) | 복합레진충전(클래스아이노머시멘트(II)충진포함)-1면 | Composite Resin Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 0 | 6 | Z | 1 | Z | Z | Z |
| U0136 | 차13나(2) | 복합레진충전(클래스아이노머시멘트(II)충진포함)-2면 | Composite Resin Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 0 | 7 | Z | 1 | Z | Z | Z |
| U0137 | 차13나(3) | 복합레진충전(클래스아이노머시멘트(II)충진포함)-3면 | Composite Resin Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 0 | 8 | Z | 1 | Z | Z | Z |
| U0138 | 차13나(4) | 복합레진충전(클래스아이노머시멘트(II)충진포함)-4면이상 | Composite Resin Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 0 | 9 | Z | 1 | Z | Z | Z |
| U0151 | 차15가 | 와동형성[1치당]-1면 | Cavity Preparation | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 0 | Z | 1 | Z | Z | Z |
| U0152 | 차15나 | 와동형성[1치당]-2면 | Cavity Preparation | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 2 | Z | 1 | Z | Z | Z |
| U0153 | 차15다 | 와동형성[1치당]-3면 | Cavity Preparation | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 3 | Z | 1 | Z | Z | Z |
| U0154 | 차15라 | 와동형성[1치당]-4면이상 | Cavity Preparation | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 4 | Z | 1 | Z | Z | Z |
| U0200 | 차13-2 | 충전물연마[1치당] | Restoration Polishing | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 5 | Z | 1 | Z | Z | Z |
| U0220 | 차20 | 보철물재부착[1치당] | Recementation | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 6 | Z | 1 | Z | Z | Z |
| UH131 | 차13가(1)-절 주2 | 아말감충전[1치당]-1면-장애인가산(노병변·지척·정신·자폐) | Amalgam Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 7 | 1 | 1 | Z | Z | Z |
| UH132 | 차13가(2)-절 주2 | 아말감충전[1치당]-2면-장애인가산(노병변·지척·정신·자폐) | Amalgam Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 7 | 2 | 1 | Z | Z | Z |
| UH133 | 차13가(3)-절 주2 | 아말감충전[1치당]-3면-장애인가산(노병변·지척·정신·자폐) | Amalgam Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 7 | 3 | 1 | Z | Z | Z |
| UH134 | 차13가(4)-절 주2 | 아말감충전[1치당]-4면이상-장애인가산(노병변·지척·정신·자폐) | Amalgam Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 7 | 4 | 1 | Z | Z | Z |
| UH135 | 차13나(1)-절 주2 | 복합레진충전(클래스아이노머시멘트(II)충진포함)-1면-장애인가산 | Composite Resin Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 8 | 1 | 1 | Z | Z | Z |
| UH136 | 차13나(2)-절 주2 | 복합레진충전(클래스아이노머시멘트(II)충진포함)-2면-장애인가산 | Composite Resin Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 8 | 2 | 1 | Z | Z | Z |
| UH137 | 차13나(3)-절 주2 | 복합레진충전(클래스아이노머시멘트(II)충진포함)-3면-장애인가산 | Composite Resin Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 8 | 3 | 1 | Z | Z | Z |
| UH138 | 차13나(4)-절 주2 | 복합레진충전(클래스아이노머시멘트(II)충진포함) -4면이상-장애인가산 | Composite Resin Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 8 | 4 | 1 | Z | Z | Z |

| 순위 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본 | 기본 | 추가 | 급여 | 선정 | 선정 | 선정 | 선정 |
|-------|----------|---|---|---------------|-------|--------|----|----|----|----|----|----|----|----|
| UH151 | 차15가-절주2 | 외동형성[1치당]-1면-장애인가신(노병변·지적·경신·자폐) | Cavity Preparation | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 9 | 1 | 1 | Z | Z | Z | Z |
| UH152 | 차15나-절주2 | 외동형성[1치당]-2면-장애인가신(노병변·지적·경신·자폐) | Cavity Preparation | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 9 | 2 | 1 | Z | Z | Z | Z |
| UH153 | 차15다-절주2 | 외동형성[1치당]-3면-장애인가신(노병변·지적·경신·자폐) | Cavity Preparation | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 9 | 3 | 1 | Z | Z | Z | Z |
| UH154 | 차15라-절주2 | 외동형성[1치당]-4면이상-장애인가신(노병변·지적·경신·자폐) | Cavity Preparation | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 1 | 9 | 4 | 1 | Z | Z | Z | Z |
| UZ002 | 초2 | 접착 아말감 수복 | Bonded Amalgam restoration | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 2 | 1 | Z | 2 | Z | Z | Z | Z |
| UZ004 | 초4 | 인레이(Inlay) 및 온레이(Onlay) 간접충전(금 등을 사용한 충전치료) | Indirect Restoration of Inlay | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z | Z |
| UZ005 | 초5 | 광중합형 복합레진충전 | Light - cured Composite Resin Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z | Z |
| UZ006 | 초6 | 광중합형 글래스 아이오노머 시멘트충전 | Light-cured Glass Ionomer Cement Filling | I : 치과치 및 수술로 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z | Z |
| U0001 | 차7주3 | Barbed-Broach | Barbed-Broach | I : 치과치 및 수술로 | B:보존 | B:근관치료 | 0 | 1 | Z | 1 | Z | Z | Z | Z |
| U0002 | 차7주4 | Reamer 또는 File | Reamer or File | I : 치과치 및 수술로 | B:보존 | B:근관치료 | 0 | 2 | Z | 1 | Z | Z | Z | Z |
| U0010 | 차1 | 보통치치[1치1회당] | Simple Treatment | I : 치과치 및 수술로 | B:보존 | B:근관치료 | 0 | 3 | Z | 1 | Z | Z | Z | Z |
| U0011 | 차1-1 | 치아진정치치[1치당] | Dental Sedative Filling | I : 치과치 및 수술로 | B:보존 | B:근관치료 | 0 | 4 | Z | 1 | Z | Z | Z | Z |
| U0020 | 차2 | 치수복조[1치당] | Pulp Capping | I : 치과치 및 수술로 | B:보존 | B:근관치료 | 0 | 5 | Z | 1 | Z | Z | Z | Z |
| U0050 | 차5 | 근관외동형성[1근관당] | Access Cavity Preparation | I : 치과치 및 수술로 | B:보존 | B:근관치료 | 0 | 6 | Z | 1 | Z | Z | Z | Z |
| U0074 | 차7가 | 당일발수근총[1근관당]-영구치 | One Visit Endodontics-Permanent Tooth | I : 치과치 및 수술로 | B:보존 | B:근관치료 | 0 | 7 | Z | 1 | Z | Z | Z | Z |
| U0075 | 차7나 | 당일발수근총[1근관당]-유치 | One Visit Endodontics-Deciduous Tooth | I : 치과치 및 수술로 | B:보존 | B:근관치료 | 0 | 8 | Z | 1 | Z | Z | Z | Z |
| U0090 | 차9 | 치수절단[1치당] | Pulpotomy | I : 치과치 및 수술로 | B:보존 | B:근관치료 | 0 | 9 | Z | 1 | Z | Z | Z | Z |
| U0101 | 차10 | 발수[1근관당] | Pulp Extirpation | I : 치과치 및 수술로 | B:보존 | B:근관치료 | 1 | 0 | Z | 1 | Z | Z | Z | Z |
| U0111 | 차11 | 근관세척[1근관1회당] | Root Canal Irrigation | I : 치과치 및 수술로 | B:보존 | B:근관치료 | 1 | 1 | Z | 1 | Z | Z | Z | Z |
| U0116 | 차11-1 | 근관확대[1근관1회당] | Root Canal Enlargement | I : 치과치 및 수술로 | B:보존 | B:근관치료 | 1 | 2 | Z | 1 | Z | Z | Z | Z |
| U0119 | 차11-1주3 | 근관성형[1근관1회당] | Root Canal Enlargement | I : 치과치 및 수술로 | B:보존 | B:근관치료 | 1 | 3 | Z | 1 | Z | Z | Z | Z |
| U0121 | 차12가 | 단순근관충전[1근관당] | Root Canal Filling with Single Cone Method | I : 치과치 및 수술로 | B:보존 | B:근관치료 | 1 | 4 | Z | 1 | Z | Z | Z | Z |
| U0126 | 차12나 | 가압근관충전[1근관당] | Root Canal Filling with Condensation Method | I : 치과치 및 수술로 | B:보존 | B:근관치료 | 1 | 5 | Z | 1 | Z | Z | Z | Z |

| 수코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본 | 기본 | 추가 | 급여 | 신정 | 신정 | 신정 | 신정 |
|-------|-------------|----------------------------------|---|----------------|-------|--------|----|----|----|----|----|----|----|----|
| U0170 | 차17 | 파절기구제거 | Removal of Broken Instruments | I : 치과치치 및 수술료 | B:보존 | B:근관치료 | 1 | 6 | Z | 1 | Z | Z | Z | |
| U0210 | 차18 | 응급근관치치[1치당] | Emergency Pulp Treatment | I : 치과치치 및 수술료 | B:보존 | B:근관치료 | 1 | 7 | Z | 1 | Z | Z | Z | |
| U2245 | 차19-1 | 근관내기존충전물제거[1근관당] | Removal of Old Root Canal Filling | I : 치과치치 및 수술료 | B:보존 | B:근관치료 | 1 | 8 | Z | 1 | Z | Z | Z | |
| UH050 | 차5-절주2 | 근관외동형성[1근관당]-장애인가신(노병변·지적·정신·자폐) | Access Cavity Preparation | I : 치과치치 및 수술료 | B:보존 | B:근관치료 | 1 | 9 | 1 | 1 | Z | Z | Z | |
| UH060 | 차6-절주2 | 즉일충전치치[1치당]-장애인가신(노병변·지적·정신·자폐) | Treatment for One Visit Filling | I : 치과치치 및 수술료 | B:보존 | B:근관치료 | 2 | 0 | 1 | 1 | Z | Z | Z | |
| UH090 | 차9-절주2 | 치수절단[1치당]-장애인가신(노병변·지적·정신·자폐) | Pulpotomy | I : 치과치치 및 수술료 | B:보존 | B:근관치료 | 2 | 1 | 1 | 1 | Z | Z | Z | |
| UH101 | 차10-절주2 | 발수[1근관당]-장애인가신(노병변·지적·정신·자폐) | Pulp Extirpation | I : 치과치치 및 수술료 | B:보존 | B:근관치료 | 2 | 2 | 1 | 1 | Z | Z | Z | |
| UH111 | 차11-절주2 | 근관세척[1근관1회당]-장애인가신(노병변·지적·정신·자폐) | Root Canal Irrigation | I : 치과치치 및 수술료 | B:보존 | B:근관치료 | 2 | 3 | 1 | 1 | Z | Z | Z | |
| UH116 | 차11-1-절주2 | 근관확대[1근관1회당]-장애인가신(노병변·지적·정신·자폐) | Root Canal Enlargement | I : 치과치치 및 수술료 | B:보존 | B:근관치료 | 2 | 4 | 1 | 1 | Z | Z | Z | |
| UH119 | 차11-1주3-절주2 | 근관성형[1근관1회당]-장애인가신(노병변·지적·정신·자폐) | Root Canal Enlargement | I : 치과치치 및 수술료 | B:보존 | B:근관치료 | 2 | 5 | 1 | 1 | Z | Z | Z | |
| UH121 | 차12가-절주2 | 단순근관충전[1근관당]-장애인가신(노병변·지적·정신·자폐) | Root Canal Filling with Single Cone Method | I : 치과치치 및 수술료 | B:보존 | B:근관치료 | 2 | 6 | 1 | 1 | Z | Z | Z | |
| UH126 | 차12나-절주2 | 가압근관충전[1근관당]-장애인가신(노병변·지적·정신·자폐) | Root Canal Filling with Condensation Method | I : 치과치치 및 수술료 | B:보존 | B:근관치료 | 2 | 7 | 1 | 1 | Z | Z | Z | |
| UH210 | 차18-절주2 | 응급근관치치[1치당]-장애인가신(노병변·지적·정신·자폐) | Emergency Pulp Treatment | I : 치과치치 및 수술료 | B:보존 | B:근관치료 | 2 | 8 | 1 | 1 | Z | Z | Z | |

보철

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구본 | 행위내분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급여 | 신정 1 | 신정 2 | 신정 3 |
|-------|-------|--|------------------------------|---------------|-------|-------------|------|------|----|----|------|------|------|
| UA101 | 천가(1) | 레진상 완전틀니[1악당]-진단및치료계획(1단계)-치과의원 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 1 | 1 | 1 | Z | Z | Z |
| UA102 | 천가(2) | 레진상 완전틀니[1악당]-진단및치료계획(1단계)-치과병원 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 1 | 2 | 1 | Z | Z | Z |
| UA103 | 천가(3) | 레진상 완전틀니[1악당]-진단및치료계획(1단계)-병원·요양병원내 치과 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 1 | 3 | 1 | Z | Z | Z |
| UA104 | 천가(4) | 레진상 완전틀니[1악당]-진단및치료계획(1단계)-한방병원내 치과 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 1 | 4 | 1 | Z | Z | Z |
| UA105 | 천가(5) | 레진상 완전틀니[1악당]-진단및치료계획(1단계)-종합병원내 치과 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 1 | 5 | 1 | Z | Z | Z |
| UA106 | 천가(6) | 레진상 완전틀니[1악당]-진단및치료계획(1단계)-부속치과병원_상급종합병원 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 1 | 6 | 1 | Z | Z | Z |
| UA107 | 천가(7) | 레진상 완전틀니[1악당]-진단및치료계획(1단계)-상급종합병원내 치과 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 1 | 7 | 1 | Z | Z | Z |
| UA108 | 천가(8) | 레진상 완전틀니[1악당]-진단및치료계획(1단계)-부속치과병원_상급종합병원 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 1 | 8 | 1 | Z | Z | Z |
| UA109 | 천가(9) | 레진상 완전틀니[1악당]-진단및치료계획(1단계)-보건의료원 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 1 | 9 | 1 | Z | Z | Z |
| UA111 | 천가(1) | 레진상 완전틀니[1악당]-인상채득(2단계)-치과의원 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 2 | 1 | 1 | Z | Z | Z |
| UA112 | 천가(2) | 레진상 완전틀니[1악당]-인상채득(2단계)-치과병원 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 2 | 2 | 1 | Z | Z | Z |
| UA113 | 천가(3) | 레진상 완전틀니[1악당]-인상채득(2단계)-병원·요양병원내 치과 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 2 | 3 | 1 | Z | Z | Z |
| UA114 | 천가(4) | 레진상 완전틀니[1악당]-인상채득(2단계)-한방병원내 치과 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 2 | 4 | 1 | Z | Z | Z |
| UA115 | 천가(5) | 레진상 완전틀니[1악당]-인상채득(2단계)-종합병원내 치과 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 2 | 5 | 1 | Z | Z | Z |
| UA116 | 천가(6) | 레진상 완전틀니[1악당]-인상채득(2단계)-부속치과병원_상급종합병원 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 2 | 6 | 1 | Z | Z | Z |
| UA117 | 천가(7) | 레진상 완전틀니[1악당]-인상채득(2단계)-상급종합병원내 치과 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 2 | 7 | 1 | Z | Z | Z |
| UA118 | 천가(8) | 레진상 완전틀니[1악당]-인상채득(2단계)-부속치과병원_상급종합병원 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 2 | 8 | 1 | Z | Z | Z |
| UA119 | 천가(9) | 레진상 완전틀니[1악당]-인상채득(2단계)-보건의료원 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 2 | 9 | 1 | Z | Z | Z |
| UA121 | 천가(1) | 레진상 완전틀니[1악당]-악간관계채득(3단계)-치과의원 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 3 | 1 | 1 | Z | Z | Z |
| UA122 | 천가(2) | 레진상 완전틀니[1악당]-악간관계채득(3단계)-치과병원 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 3 | 2 | 1 | Z | Z | Z |
| UA123 | 천가(3) | 레진상 완전틀니[1악당]-악간관계채득(3단계)-병원·요양병원내 치과 | Resin Based Complete Denture | I : 치과처치및 수술로 | C:보철 | A:완전기철성보철수복 | 0 | 3 | 3 | 1 | Z | Z | Z |

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급여 | 산정 수1 | 산정 수2 | 산정 수3 |
|-------|-------|--|------------------------------|--------------|-------|-------------|---------|---------|----|----|----------|----------|----------|
| UA124 | 찬더(4) | 레진상 완전틀니[1악당]-악간관계채득(3단) 계)-항방병원내 치과 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 3 | 4 | 1 | Z | Z | Z |
| UA125 | 찬더(5) | 레진상 완전틀니[1악당]-악간관계채득(3단) 계)-종합병원내 치과 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 3 | 5 | 1 | Z | Z | Z |
| UA126 | 찬더(6) | 레진상 완전틀니[1악당]-악간관계채득(3단) 계)-부속치과병원_상급종합병원 제외 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 3 | 6 | 1 | Z | Z | Z |
| UA127 | 찬더(7) | 레진상 완전틀니[1악당]-악간관계채득(3단) 계)-상급종합병원내 치과 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 3 | 7 | 1 | Z | Z | Z |
| UA128 | 찬더(8) | 레진상 완전틀니[1악당]-악간관계채득(3단) 계)-부속치과병원_상급종합병원 제외 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 3 | 8 | 1 | Z | Z | Z |
| UA129 | 찬더(9) | 레진상 완전틀니[1악당]-악간관계채득(3단) 계)-보건의료원 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 3 | 9 | 1 | Z | Z | Z |
| UA131 | 찬더(1) | 레진상 완전틀니[1악당]-남의치시적(4단) 계)-치과의원 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 4 | 1 | 1 | Z | Z | Z |
| UA132 | 찬더(2) | 레진상 완전틀니[1악당]-남의치시적(4단) 계)-치과병원 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 4 | 2 | 1 | Z | Z | Z |
| UA133 | 찬더(3) | 레진상 완전틀니[1악당]-남의치시적(4단) 계)-병원_오양병원내 치과 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 4 | 3 | 1 | Z | Z | Z |
| UA134 | 찬더(4) | 레진상 완전틀니[1악당]-남의치시적(4단) 계)-항방병원내 치과 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 4 | 4 | 1 | Z | Z | Z |
| UA135 | 찬더(5) | 레진상 완전틀니[1악당]-남의치시적(4단) 계)-종합병원내 치과 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 4 | 5 | 1 | Z | Z | Z |
| UA136 | 찬더(6) | 레진상 완전틀니[1악당]-남의치시적(4단) 계)-부속치과병원_상급종합병원 제외 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 4 | 6 | 1 | Z | Z | Z |
| UA137 | 찬더(7) | 레진상 완전틀니[1악당]-남의치시적(4단) 계)-상급종합병원내 치과 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 4 | 7 | 1 | Z | Z | Z |
| UA138 | 찬더(8) | 레진상 완전틀니[1악당]-남의치시적(4단) 계)-부속치과병원_상급종합병원 제외 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 4 | 8 | 1 | Z | Z | Z |
| UA139 | 찬더(9) | 레진상 완전틀니[1악당]-남의치시적(4단) 계)-보건의료원 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 4 | 9 | 1 | Z | Z | Z |
| UA141 | 찬더(1) | 레진상 완전틀니[1악당]-의치장착및조정(5) 단계)-치과의원 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 5 | 1 | 1 | Z | Z | Z |
| UA142 | 찬더(2) | 레진상 완전틀니[1악당]-의치장착및조정(5) 단계)-치과병원 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 5 | 2 | 1 | Z | Z | Z |
| UA143 | 찬더(3) | 레진상 완전틀니[1악당]-의치장착및조정(5) 단계)-병원_오양병원내 치과 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 5 | 3 | 1 | Z | Z | Z |
| UA144 | 찬더(4) | 레진상 완전틀니[1악당]-의치장착및조정(5) 단계)-항방병원내 치과 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 5 | 4 | 1 | Z | Z | Z |
| UA145 | 찬더(5) | 레진상 완전틀니[1악당]-의치장착및조정(5) 단계)-종합병원내 치과 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 5 | 5 | 1 | Z | Z | Z |
| UA146 | 찬더(6) | 레진상 완전틀니[1악당]-의치장착및조정(5) 단계)-부속치과병원_상급종합병원 제외 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 5 | 6 | 1 | Z | Z | Z |
| UA147 | 찬더(7) | 레진상 완전틀니[1악당]-의치장착및조정(5) 단계)-상급종합병원내 치과 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 5 | 7 | 1 | Z | Z | Z |
| UA148 | 찬더(8) | 레진상 완전틀니[1악당]-의치장착및조정(5) 단계)-부속치과병원_상급종합병원 제외 | Resin Based Complete Denture | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 5 | 8 | 1 | Z | Z | Z |

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구본 | 행위내분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급여 | 신정 1 | 신정 2 | 신정 3 |
|-------|--------|--|---|---------------|-------|-------------|------|------|----|----|------|------|------|
| UA149 | 천14(9) | 레진상 완전틀니[1악당]-의치장착및조정(5단계)-보건의료원 | Resin Based Complete Denture | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 5 | 9 | 1 | Z | Z | Z |
| UA201 | 천2(1) | 임시 완전틀니[1악당]-치과의원 | Interim Resin Based Complete Denture | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 6 | 1 | 1 | Z | Z | Z |
| UA202 | 천2(2) | 임시 완전틀니[1악당]-치과병원 | Interim Resin Based Complete Denture | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 6 | 2 | 1 | Z | Z | Z |
| UA203 | 천2(3) | 임시 완전틀니[1악당]-병원·요양병원내 치과 | Interim Resin Based Complete Denture | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 6 | 3 | 1 | Z | Z | Z |
| UA204 | 천2(4) | 임시 완전틀니[1악당]-한방병원내 치과 | Interim Resin Based Complete Denture | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 6 | 4 | 1 | Z | Z | Z |
| UA205 | 천2(5) | 임시 완전틀니[1악당]-종합병원내 치과 | Interim Resin Based Complete Denture | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 6 | 5 | 1 | Z | Z | Z |
| UA206 | 천2(6) | 임시 완전틀니[1악당]-부속치과병원_상급중병 제외 | Interim Resin Based Complete Denture | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 6 | 6 | 1 | Z | Z | Z |
| UA207 | 천2(7) | 임시 완전틀니[1악당]-상급종합병원내 치과 | Interim Resin Based Complete Denture | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 6 | 7 | 1 | Z | Z | Z |
| UA208 | 천2(8) | 임시 완전틀니[1악당]-부속치과병원_상급중병 제외 | Interim Resin Based Complete Denture | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 6 | 8 | 1 | Z | Z | Z |
| UA209 | 천2(9) | 임시 완전틀니[1악당]-보건의료원 | Interim Resin Based Complete Denture | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 6 | 9 | 1 | Z | Z | Z |
| UA501 | 천5(1) | 금속상 완전틀니[1악당]-진단및치료계획(1단계)-치과의원 | Metal Based Complete Denture_Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 7 | 1 | 1 | Z | Z | Z |
| UA502 | 천5(2) | 금속상 완전틀니[1악당]-진단및치료계획(1단계)-치과병원 | Metal Based Complete Denture_Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 7 | 2 | 1 | Z | Z | Z |
| UA503 | 천5(3) | 금속상 완전틀니[1악당]-진단및치료계획(1단계)-병원·요양병원내 치과 | Metal Based Complete Denture_Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 7 | 3 | 1 | Z | Z | Z |
| UA504 | 천5(4) | 금속상 완전틀니[1악당]-진단및치료계획(1단계)-한방병원내 치과 | Metal Based Complete Denture_Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 7 | 4 | 1 | Z | Z | Z |
| UA505 | 천5(5) | 금속상 완전틀니[1악당]-진단및치료계획(1단계)-종합병원내 치과 | Metal Based Complete Denture_Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 7 | 5 | 1 | Z | Z | Z |
| UA506 | 천5(6) | 금속상 완전틀니[1악당]-진단및치료계획(1단계)-부속치과병원_상급중병제외 | Metal Based Complete Denture_Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 7 | 6 | 1 | Z | Z | Z |
| UA507 | 천5(7) | 금속상 완전틀니[1악당]-진단및치료계획(1단계)-상급종합병원내 치과 | Metal Based Complete Denture_Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 7 | 7 | 1 | Z | Z | Z |
| UA508 | 천5(8) | 금속상 완전틀니[1악당]-진단및치료계획(1단계)-부속치과병원_상급중병 | Metal Based Complete Denture_Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 7 | 8 | 1 | Z | Z | Z |
| UA509 | 천5(9) | 금속상 완전틀니[1악당]-진단및치료계획(1단계)-보건의료원 | Metal Based Complete Denture_Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 7 | 9 | 1 | Z | Z | Z |
| UA511 | 천5(1) | 금속상 완전틀니[1악당]-인상채득(2단계)-치과의원 | Metal Based Complete Denture_Impression Making | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 8 | 1 | 1 | Z | Z | Z |
| UA512 | 천5(2) | 금속상 완전틀니[1악당]-인상채득(2단계)-치과병원 | Metal Based Complete Denture_Impression Making | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 8 | 2 | 1 | Z | Z | Z |
| UA513 | 천5(3) | 금속상 완전틀니[1악당]-인상채득(2단계)-병원·요양병원내 치과 | Metal Based Complete Denture_Impression Making | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 8 | 3 | 1 | Z | Z | Z |
| UA514 | 천5(4) | 금속상 완전틀니[1악당]-인상채득(2단계)-한방병원내 치과 | Metal Based Complete Denture_Impression Making | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 8 | 4 | 1 | Z | Z | Z |

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급여 | 산정 수1 | 산정 수2 | 산정 수3 |
|-------|--------|--|--|------------------|-------|-------------|---------|---------|----|----|----------|----------|----------|
| UA515 | 천5나(5) | 금속상 완전틀니[1악당]-인상채득(2단계)- 종합병원내 치과 | Metal Denture_Impression Making Complete | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 8 | 5 | 1 | Z | Z | Z |
| UA516 | 천5나(6) | 금속상 완전틀니[1악당]-인상채득(2단계)- 부속 치과병원_상급종합 병원 | Metal Denture_Impression Making Complete | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 8 | 6 | 1 | Z | Z | Z |
| UA517 | 천5나(7) | 금속상 완전틀니[1악당]-인상채득(2단계)- 상급종합병원내 치과 | Metal Denture_Impression Making Complete | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 8 | 7 | 1 | Z | Z | Z |
| UA518 | 천5나(8) | 금속상 완전틀니[1악당]-인상채득(2단계)- 부속 치과병원_상급종합 병원 | Metal Denture_Impression Making Complete | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 8 | 8 | 1 | Z | Z | Z |
| UA519 | 천5나(9) | 금속상 완전틀니[1악당]-인상채득(2단계)- 보건의원 | Metal Denture_Impression Making Complete | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 8 | 9 | 1 | Z | Z | Z |
| UA521 | 천5다(1) | 금속상 완전틀니[1악당]-악간관계채득(3단 계)-치과의원 | Metal Denture_Jaw-Relation Record Complete | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 9 | 1 | 1 | Z | Z | Z |
| UA522 | 천5다(2) | 금속상 완전틀니[1악당]-악간관계채득(3단 계)-치과병원 | Metal Denture_Jaw-Relation Record Complete | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 9 | 2 | 1 | Z | Z | Z |
| UA523 | 천5다(3) | 금속상 완전틀니[1악당]-악간관계채득(3단 계)-병원_요양병원내 치과 | Metal Denture_Jaw-Relation Record Complete | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 9 | 3 | 1 | Z | Z | Z |
| UA524 | 천5다(4) | 금속상 완전틀니[1악당]-악간관계채득(3단 계)-한방병원내 치과 | Metal Denture_Jaw-Relation Record Complete | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 9 | 4 | 1 | Z | Z | Z |
| UA525 | 천5다(5) | 금속상 완전틀니[1악당]-악간관계채득(3단 계)-종합병원내 치과 | Metal Denture_Jaw-Relation Record Complete | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 9 | 5 | 1 | Z | Z | Z |
| UA526 | 천5다(6) | 금속상 완전틀니[1악당]-악간관계채득(3단 계)-부속치과병원_상급종합 병원 | Metal Denture_Jaw-Relation Record Complete | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 9 | 6 | 1 | Z | Z | Z |
| UA527 | 천5다(7) | 금속상 완전틀니[1악당]-악간관계채득(3단 계)-상급종합병원내 치과 | Metal Denture_Jaw-Relation Record Complete | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 9 | 7 | 1 | Z | Z | Z |
| UA528 | 천5다(8) | 금속상 완전틀니[1악당]-악간관계채득(3단 계)-부속치과병원_상급종합 병원 | Metal Denture_Jaw-Relation Record Complete | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 9 | 8 | 1 | Z | Z | Z |
| UA529 | 천5다(9) | 금속상 완전틀니[1악당]-악간관계채득(3단 계)-보건의원 | Metal Denture_Jaw-Relation Record Complete | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 9 | 9 | 1 | Z | Z | Z |
| UA531 | 천5리(1) | 금속상 완전틀니[1악당]-남의치시적(4단 계)-치과의원 | Metal Based Complete Denture_Wax Denture Try-in | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 0 | 1 | 1 | Z | Z | Z |
| UA532 | 천5리(2) | 금속상 완전틀니[1악당]-남의치시적(4단 계)-치과병원 | Metal Based Complete Denture_Wax Denture Try-in | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 0 | 2 | 1 | Z | Z | Z |
| UA533 | 천5리(3) | 금속상 완전틀니[1악당]-남의치시적(4단 계)-병원_요양병원내 치과 | Metal Based Complete Denture_Wax Denture Try-in | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 0 | 3 | 1 | Z | Z | Z |
| UA534 | 천5리(4) | 금속상 완전틀니[1악당]-남의치시적(4단 계)-한방병원내 치과 | Metal Based Complete Denture_Wax Denture Try-in | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 0 | 4 | 1 | Z | Z | Z |
| UA535 | 천5리(5) | 금속상 완전틀니[1악당]-남의치시적(4단 계)-종합병원내 치과 | Metal Based Complete Denture_Wax Denture Try-in | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 0 | 5 | 1 | Z | Z | Z |
| UA536 | 천5리(6) | 금속상 완전틀니[1악당]-남의치시적(4단 계)-부속치과병원_상급종합 병원 | Metal Based Complete Denture_Wax Denture Try-in | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 0 | 6 | 1 | Z | Z | Z |
| UA537 | 천5리(7) | 금속상 완전틀니[1악당]-남의치시적(4단 계)-상급종합병원내 치과 | Metal Based Complete Denture_Wax Denture Try-in | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 0 | 7 | 1 | Z | Z | Z |
| UA538 | 천5리(8) | 금속상 완전틀니[1악당]-남의치시적(4단 계)-부속치과병원_상급종합 병원 | Metal Based Complete Denture_Wax Denture Try-in | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 0 | 8 | 1 | Z | Z | Z |
| UA539 | 천5리(9) | 금속상 완전틀니[1악당]-남의치시적(4단 계)-보건의원 | Metal Based Complete Denture_Wax Denture Try-in | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 0 | 9 | 1 | Z | Z | Z |

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위내분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급여 | 산정 산1 | 산정 산2 | 산정 산3 |
|-------|--------|---|--|--------------|-------|-------------|---------|---------|----|----|----------|----------|----------|
| UA541 | 천50(1) | 금속상 완전틀니[1악당]-의 치장착및조정(5단계)-치과의원 | Metal Denture_Denture Adjustment Based Delivery and Complete | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 1 | 1 | 1 | Z | Z | Z |
| UA542 | 천50(2) | 금속상 완전틀니[1악당]-의 치장착및조정(5단계)-치과병원 | Metal Denture_Denture Adjustment Based Delivery and Complete | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 1 | 2 | 1 | Z | Z | Z |
| UA543 | 천50(3) | 금속상 완전틀니[1악당]-의 치장착및조정(5단계)-병원.요양병원내 치과 | Metal Denture_Denture Adjustment Based Delivery and Complete | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 1 | 3 | 1 | Z | Z | Z |
| UA544 | 천50(4) | 금속상 완전틀니[1악당]-의 치장착및조정(5단계)-한방병원내 치과 | Metal Denture_Denture Adjustment Based Delivery and Complete | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 1 | 4 | 1 | Z | Z | Z |
| UA545 | 천50(5) | 금속상 완전틀니[1악당]-의 치장착및조정(5단계)-종합병원내 치과 | Metal Denture_Denture Adjustment Based Delivery and Complete | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 1 | 5 | 1 | Z | Z | Z |
| UA546 | 천50(6) | 금속상 완전틀니[1악당]-의 치장착및조정(5단계)-부속치과병원_상급종합병원내 치과 | Metal Denture_Denture Adjustment Based Delivery and Complete | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 1 | 6 | 1 | Z | Z | Z |
| UA547 | 천50(7) | 금속상 완전틀니[1악당]-의 치장착및조정(5단계)-상급종합병원내 치과 | Metal Denture_Denture Adjustment Based Delivery and Complete | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 1 | 7 | 1 | Z | Z | Z |
| UA548 | 천50(8) | 금속상 완전틀니[1악당]-의 치장착및조정(5단계)-부속치과병원_상급종합병원내 치과 | Metal Denture_Denture Adjustment Based Delivery and Complete | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 1 | 8 | 1 | Z | Z | Z |
| UA549 | 천50(9) | 금속상 완전틀니[1악당]-의 치장착및조정(5단계)-보건의료의원 | Metal Denture_Denture Adjustment Based Delivery and Complete | I :치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 1 | 1 | 9 | 1 | Z | Z | Z |
| UA301 | 천83(1) | 부분틀니[1악당]-진단및치료계획(1단계)-치과의원 | Removable Partial and Treatment Plan Denture-Diagnosis | I :치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 1 | 1 | 1 | Z | Z | Z |
| UA302 | 천83(2) | 부분틀니[1악당]-진단및치료계획(1단계)-치과병원 | Removable Partial and Treatment Plan Denture-Diagnosis | I :치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 1 | 2 | 1 | Z | Z | Z |
| UA303 | 천83(3) | 부분틀니[1악당]-진단및치료계획(1단계)-병원.요양병원내치과 | Removable Partial and Treatment Plan Denture-Diagnosis | I :치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 1 | 3 | 1 | Z | Z | Z |
| UA304 | 천83(4) | 부분틀니[1악당]-진단및치료계획(1단계)-한방병원내 치과 | Removable Partial and Treatment Plan Denture-Diagnosis | I :치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 1 | 4 | 1 | Z | Z | Z |
| UA305 | 천83(5) | 부분틀니[1악당]-진단및치료계획(1단계)-종합병원내치과 | Removable Partial and Treatment Plan Denture-Diagnosis | I :치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 1 | 5 | 1 | Z | Z | Z |
| UA306 | 천83(6) | 부분틀니[1악당]-진단및치료계획(1단계)-부속치과병원_상급종합병원내 치과 | Removable Partial and Treatment Plan Denture-Diagnosis | I :치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 1 | 6 | 1 | Z | Z | Z |
| UA307 | 천83(7) | 부분틀니[1악당]-진단및치료계획(1단계)-상급종합병원내치과 | Removable Partial and Treatment Plan Denture-Diagnosis | I :치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 1 | 7 | 1 | Z | Z | Z |
| UA308 | 천83(8) | 부분틀니[1악당]-진단및치료계획(1단계)-부속치과병원_상급종합병원내 치과 | Removable Partial and Treatment Plan Denture-Diagnosis | I :치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 1 | 8 | 1 | Z | Z | Z |
| UA309 | 천83(9) | 부분틀니[1악당]-진단및치료계획(1단계)-보건의료의원 | Removable Partial and Treatment Plan Denture-Diagnosis | I :치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 1 | 9 | 1 | Z | Z | Z |

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급여 | 산정 1 | 산정 2 | 산정 3 |
|-------|--------|--------------------------------------|---|---------------|-------|-------------|------|------|----|----|------|------|------|
| UA311 | 전8나(1) | 부분틀니[1악당]-인상채득(2단계)-치과의원 | Removable Partial Denture-Tooth Preparation and Impression Making | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 2 | 1 | 1 | Z | Z | Z |
| UA312 | 전8나(2) | 부분틀니[1악당]-인상채득(2단계)-치과병원 | Removable Partial Denture-Tooth Preparation and Impression Making | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 2 | 2 | 1 | Z | Z | Z |
| UA313 | 전8나(3) | 부분틀니[1악당]-인상채득(2단계)-병원.요양병원내치과 | Removable Partial Denture-Tooth Preparation and Impression Making | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 2 | 3 | 1 | Z | Z | Z |
| UA314 | 전8나(4) | 부분틀니[1악당]-인상채득(2단계)-한방병원내치과 | Removable Partial Denture-Tooth Preparation and Impression Making | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 2 | 4 | 1 | Z | Z | Z |
| UA315 | 전8나(5) | 부분틀니[1악당]-인상채득(2단계)-종합병원내치과 | Removable Partial Denture-Tooth Preparation and Impression Making | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 2 | 5 | 1 | Z | Z | Z |
| UA316 | 전8나(6) | 부분틀니[1악당]-인상채득(2단계)-부속치과병원_상급종합제외 | Removable Partial Denture-Tooth Preparation and Impression Making | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 2 | 6 | 1 | Z | Z | Z |
| UA317 | 전8나(7) | 부분틀니[1악당]-인상채득(2단계)-상급종합병원내치과 | Removable Partial Denture-Tooth Preparation and Impression Making | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 2 | 7 | 1 | Z | Z | Z |
| UA318 | 전8나(8) | 부분틀니[1악당]-인상채득(2단계)-부속치과병원_상급종합 | Removable Partial Denture-Tooth Preparation and Impression Making | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 2 | 8 | 1 | Z | Z | Z |
| UA319 | 전8나(9) | 부분틀니[1악당]-인상채득(2단계)-보건의료원 | Removable Partial Denture-Tooth Preparation and Impression Making | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 2 | 9 | 1 | Z | Z | Z |
| UA321 | 전8다(1) | 부분틀니[1악당]-금속구조물시적(3단계)-치과의원 | Removable Partial Denture-Framework Try-in | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 3 | 1 | 1 | Z | Z | Z |
| UA322 | 전8다(2) | 부분틀니[1악당]-금속구조물시적(3단계)-치과병원 | Removable Partial Denture-Framework Try-in | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 3 | 2 | 1 | Z | Z | Z |
| UA323 | 전8다(3) | 부분틀니[1악당]-금속구조물시적(3단계)-병원.요양병원내치과 | Removable Partial Denture-Framework Try-in | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 3 | 3 | 1 | Z | Z | Z |
| UA324 | 전8다(4) | 부분틀니[1악당]-금속구조물시적(3단계)-한방병원내치과 | Removable Partial Denture-Framework Try-in | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 3 | 4 | 1 | Z | Z | Z |
| UA325 | 전8다(5) | 부분틀니[1악당]-금속구조물시적(3단계)-종합병원내치과 | Removable Partial Denture-Framework Try-in | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 3 | 5 | 1 | Z | Z | Z |
| UA326 | 전8다(6) | 부분틀니[1악당]-금속구조물시적(3단계)-부속치과병원_상급종합제외 | Removable Partial Denture-Framework Try-in | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 3 | 6 | 1 | Z | Z | Z |
| UA327 | 전8다(7) | 부분틀니[1악당]-금속구조물시적(3단계)-상급종합병원내치과 | Removable Partial Denture-Framework Try-in | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 3 | 7 | 1 | Z | Z | Z |
| UA328 | 전8다(8) | 부분틀니[1악당]-금속구조물시적(3단계)-부속치과병원_상급종합 | Removable Partial Denture-Framework Try-in | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 3 | 8 | 1 | Z | Z | Z |
| UA329 | 전8다(9) | 부분틀니[1악당]-금속구조물시적(3단계)-보건의료원 | Removable Partial Denture-Framework Try-in | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 3 | 9 | 1 | Z | Z | Z |
| UA331 | 전8라(1) | 부분틀니[1악당]-악간관계득(4단계)-치과의원 | Removable Partial Denture-Definitive Jaw-Relation Record | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 4 | 1 | 1 | Z | Z | Z |
| UA332 | 전8라(2) | 부분틀니[1악당]-악간관계득(4단계)-치과병원 | Removable Partial Denture-Definitive Jaw-Relation Record | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 4 | 2 | 1 | Z | Z | Z |
| UA333 | 전8라(3) | 부분틀니[1악당]-악간관계득(4단계)-병원.요양병원내치과 | Removable Partial Denture-Definitive Jaw-Relation Record | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 4 | 3 | 1 | Z | Z | Z |
| UA334 | 전8라(4) | 부분틀니[1악당]-악간관계득(4단계)-한방병원내치과 | Removable Partial Denture-Definitive Jaw-Relation Record | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 4 | 4 | 1 | Z | Z | Z |
| UA335 | 전8라(5) | 부분틀니[1악당]-악간관계득(4단계)-종합병원내치과 | Removable Partial Denture-Definitive Jaw-Relation Record | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 4 | 5 | 1 | Z | Z | Z |

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급여 | 산정 1 | 산정 2 | 산정 3 |
|-------|--------|--------------------------------------|--|---------------|-------|-------------|------|------|----|----|------|------|------|
| UA336 | 전8리(6) | 부분틀니[1악당]-악간관계체득(4단계)-부속치과병원_상급종병제외 | Removable Partial Jaw-Relation Record Denture-Definitive | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 4 | 6 | 1 | Z | Z | Z |
| UA337 | 전8리(7) | 부분틀니[1악당]-악간관계체득(4단계)-상급종합병원내치과 | Removable Partial Jaw-Relation Record Denture-Definitive | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 4 | 7 | 1 | Z | Z | Z |
| UA338 | 전8리(8) | 부분틀니[1악당]-악간관계체득(4단계)-부속치과병원_상급종병 | Removable Partial Jaw-Relation Record Denture-Definitive | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 4 | 8 | 1 | Z | Z | Z |
| UA339 | 전8리(9) | 부분틀니[1악당]-악간관계체득(4단계)-보건의원 | Removable Partial Jaw-Relation Record Denture-Definitive | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 4 | 9 | 1 | Z | Z | Z |
| UA341 | 전8리(1) | 부분틀니[1악당]-남의치시적(5단계)-치과의원 | Removable Partial Denture-Try-in | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 5 | 1 | 1 | Z | Z | Z |
| UA342 | 전8리(2) | 부분틀니[1악당]-남의치시적(5단계)-치과병원 | Removable Partial Denture-Try-in | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 5 | 2 | 1 | Z | Z | Z |
| UA343 | 전8리(3) | 부분틀니[1악당]-남의치시적(5단계)-병원·요양병원내치과 | Removable Partial Denture-Try-in | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 5 | 3 | 1 | Z | Z | Z |
| UA344 | 전8리(4) | 부분틀니[1악당]-남의치시적(5단계)-환방병원내치과 | Removable Partial Denture-Try-in | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 5 | 4 | 1 | Z | Z | Z |
| UA345 | 전8리(5) | 부분틀니[1악당]-남의치시적(5단계)-종합병원내치과 | Removable Partial Denture-Try-in | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 5 | 5 | 1 | Z | Z | Z |
| UA346 | 전8리(6) | 부분틀니[1악당]-남의치시적(5단계)-부속치과병원_상급종병제외 | Removable Partial Denture-Try-in | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 5 | 6 | 1 | Z | Z | Z |
| UA347 | 전8리(7) | 부분틀니[1악당]-남의치시적(5단계)-상급종합병원내치과 | Removable Partial Denture-Try-in | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 5 | 7 | 1 | Z | Z | Z |
| UA348 | 전8리(8) | 부분틀니[1악당]-남의치시적(5단계)-부속치과병원_상급종병 | Removable Partial Denture-Try-in | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 5 | 8 | 1 | Z | Z | Z |
| UA349 | 전8리(9) | 부분틀니[1악당]-남의치시적(5단계)-보건의원 | Removable Partial Denture-Try-in | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 5 | 9 | 1 | Z | Z | Z |
| UA351 | 전8리(1) | 부분틀니[1악당]-의치장착및조정(6단계)-치과의원 | Removable Partial Denture-Delivery and Adjustment | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 6 | 1 | 1 | Z | Z | Z |
| UA352 | 전8리(2) | 부분틀니[1악당]-의치장착및조정(6단계)-치과병원 | Removable Partial Denture-Delivery and Adjustment | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 6 | 2 | 1 | Z | Z | Z |
| UA353 | 전8리(3) | 부분틀니[1악당]-의치장착및조정(6단계)-병원·요양병원내치과 | Removable Partial Denture-Delivery and Adjustment | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 6 | 3 | 1 | Z | Z | Z |
| UA354 | 전8리(4) | 부분틀니[1악당]-의치장착및조정(6단계)-환방병원내치과 | Removable Partial Denture-Delivery and Adjustment | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 6 | 4 | 1 | Z | Z | Z |
| UA355 | 전8리(5) | 부분틀니[1악당]-의치장착및조정(6단계)-종합병원내치과 | Removable Partial Denture-Delivery and Adjustment | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 6 | 5 | 1 | Z | Z | Z |
| UA356 | 전8리(6) | 부분틀니[1악당]-의치장착및조정(6단계)-부속치과병원_상급종병제외 | Removable Partial Denture-Delivery and Adjustment | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 6 | 6 | 1 | Z | Z | Z |
| UA357 | 전8리(7) | 부분틀니[1악당]-의치장착및조정(6단계)-상급종합병원내치과 | Removable Partial Denture-Delivery and Adjustment | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 6 | 7 | 1 | Z | Z | Z |
| UA358 | 전8리(8) | 부분틀니[1악당]-의치장착및조정(6단계)-부속치과병원_상급종병 | Removable Partial Denture-Delivery and Adjustment | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 6 | 8 | 1 | Z | Z | Z |
| UA359 | 전8리(9) | 부분틀니[1악당]-의치장착및조정(6단계)-보건의원 | Removable Partial Denture-Delivery and Adjustment | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 6 | 9 | 1 | Z | Z | Z |
| UA401 | 전4(1) | 임시레진상부분틀니[3차기준]-치과의원 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 7 | 1 | 1 | Z | Z | Z |

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급여 | 산정 1 | 산정 2 | 산정 3 |
|-------|--------|---------------------------------------|---|---------------|-------|----------------|------|------|----|----|------|------|------|
| UA402 | 천4(2) | 임시레진상부분틀니[3치기준]-치과병원 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 7 | 2 | 1 | Z | Z | Z |
| UA403 | 천4(3) | 임시레진상부분틀니[3치기준]-병원·요양병원내치과 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 7 | 3 | 1 | Z | Z | Z |
| UA404 | 천4(4) | 임시레진상부분틀니[3치기준]-한방병원내치과 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 7 | 4 | 1 | Z | Z | Z |
| UA405 | 천4(5) | 임시레진상부분틀니[3치기준]-종합병원내치과 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 7 | 5 | 1 | Z | Z | Z |
| UA406 | 천4(6) | 임시레진상부분틀니[3치기준]-부속치과병원_상급종합병의원내치과 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 7 | 6 | 1 | Z | Z | Z |
| UA407 | 천4(7) | 임시레진상부분틀니[3치기준]-상급종합병원내치과 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 7 | 7 | 1 | Z | Z | Z |
| UA408 | 천4(8) | 임시레진상부분틀니[3치기준]-부속치과병원_상급종합병원내치과 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 7 | 8 | 1 | Z | Z | Z |
| UA409 | 천4(9) | 임시레진상부분틀니[3치기준]-보건의료원 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 7 | 9 | 1 | Z | Z | Z |
| UA411 | 천4주(1) | 임시레진상부분틀니[추가1치당]-치과의원 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 8 | 1 | 1 | Z | Z | Z |
| UA412 | 천4주(2) | 임시레진상부분틀니[추가1치당]-치과병원 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 8 | 2 | 1 | Z | Z | Z |
| UA413 | 천4주(3) | 임시레진상부분틀니[추가1치당]-병원·요양병원내치과 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 8 | 3 | 1 | Z | Z | Z |
| UA414 | 천4주(4) | 임시레진상부분틀니[추가1치당]-한방병원내치과 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 8 | 4 | 1 | Z | Z | Z |
| UA415 | 천4주(5) | 임시레진상부분틀니[추가1치당]-종합병원내치과 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 8 | 5 | 1 | Z | Z | Z |
| UA416 | 천4주(6) | 임시레진상부분틀니[추가1치당]-부속치과병원_상급종합병원내치과 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 8 | 6 | 1 | Z | Z | Z |
| UA417 | 천4주(7) | 임시레진상부분틀니[추가1치당]-상급종합병원내치과 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 8 | 7 | 1 | Z | Z | Z |
| UA418 | 천4주(8) | 임시레진상부분틀니[추가1치당]-부속치과병원_상급종합병원내치과 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 8 | 8 | 1 | Z | Z | Z |
| UA419 | 천4주(9) | 임시레진상부분틀니[추가1치당]-보건의료원 | Interim Resin Based Partial Denture | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 8 | 9 | 1 | Z | Z | Z |
| UZ001 | 초1 | 보철물 장착을 위한 진단계로 실시하는 Post Core | Post&Core | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | Z | 2 | Z | Z | Z |
| UZ003 | 초3 | 핀 유지형 수복 | Pin Retained Restoration | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 2 | Z | 2 | Z | Z | Z |
| UZ041 | 초41 | 임시수복치관내고정술 | Intracoronar Splinting | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 2 | Z | Z | Z |
| UZ038 | 초38 | 치간이개 심미적폐쇄술(교정력을 이용한 경우, 복합레진복조술의 경우) | Diastema Closure | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 4 | Z | 2 | Z | Z | Z |
| UB111 | 천1가(1) | 치과임플란트 [1치당]-진단및치료계획(1단계)-치과의원 | Dental Implant-Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | 1 | 1 | Z | Z | Z |
| UB112 | 천1가(2) | 치과임플란트 [1치당]-진단및치료계획(1단계)-치과병원 | Dental Implant-Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | 2 | 1 | Z | Z | Z |

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급여 | 산정 1 | 산정 2 | 산정 3 |
|-------|---------|---|--|---------------|-------|----------------|------|------|----|----|------|------|------|
| UB113 | 천1가 (3) | 치과임플란트 [1치당]-진단및 치료계획(1단) 계)-병원_요양병원내치과 | Dental Treatment Plan Implant-Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | 3 | 1 | Z | Z | Z |
| UB114 | 천1가 (4) | 치과임플란트 [1치당]-진단및 치료계획(1단) 계)-한방병원내치과 | Dental Treatment Plan Implant-Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | 4 | 1 | Z | Z | Z |
| UB115 | 천1가 (5) | 치과임플란트 [1치당]-진단및 치료계획(1단) 계)-종합병원내치과 | Dental Treatment Plan Implant-Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | 5 | 1 | Z | Z | Z |
| UB116 | 천1가 (6) | 치과임플란트 [1치당]-진단및 치료계획(1단) 계)-부속치과병원_상급종합제외 | Dental Treatment Plan Implant-Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | 6 | 1 | Z | Z | Z |
| UB117 | 천1가 (7) | 치과임플란트 [1치당]-진단및 치료계획(1단) 계)-상급종합병원내치과 | Dental Treatment Plan Implant-Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | 7 | 1 | Z | Z | Z |
| UB118 | 천1가 (8) | 치과임플란트 [1치당]-진단및 치료계획(1단) 계)-부속치과병원_상급종합 | Dental Treatment Plan Implant-Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | 8 | 1 | Z | Z | Z |
| UB119 | 천1가 (9) | 치과임플란트 [1치당]-진단및 치료계획(1단) 계)-보건의료원 | Dental Treatment Plan Implant-Diagnosis and Treatment Plan | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | 9 | 1 | Z | Z | Z |
| UB121 | 천1나 (1) | 치과임플란트 [1치당]-고정체(본체)식립술(2) 단계)-치과의원 | Dental Operation Implant-Fixture Placement | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 2 | 1 | 1 | Z | Z | Z |
| UB122 | 천1나 (2) | 치과임플란트 [1치당]-고정체(본체)식립술(2) 단계)-치과병원 | Dental Operation Implant-Fixture Placement | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 4 | 2 | 1 | Z | Z | Z |
| UB123 | 천1나 (3) | 치과임플란트 [1치당]-고정체(본체)식립술(2) 단계)-병원_요양병원내치과 | Dental Operation Implant-Fixture Placement | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 4 | 3 | 1 | Z | Z | Z |
| UB124 | 천1나 (4) | 치과임플란트 [1치당]-고정체(본체)식립술(2) 단계)-한방병원내치과 | Dental Operation Implant-Fixture Placement | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 4 | 4 | 1 | Z | Z | Z |
| UB125 | 천1나 (5) | 치과임플란트 [1치당]-고정체(본체)식립술(2) 단계)-종합병원내치과 | Dental Operation Implant-Fixture Placement | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 4 | 5 | 1 | Z | Z | Z |
| UB126 | 천1나 (6) | 치과임플란트 [1치당]-고정체(본체)식립술(2) 단계)-부속치과병원_상급종합제외 | Dental Operation Implant-Fixture Placement | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 4 | 6 | 1 | Z | Z | Z |
| UB127 | 천1나 (7) | 치과임플란트 [1치당]-고정체(본체)식립술(2) 단계)-상급종합병원내치과 | Dental Operation Implant-Fixture Placement | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 4 | 7 | 1 | Z | Z | Z |
| UB128 | 천1나 (8) | 치과임플란트 [1치당]-고정체(본체)식립술(2) 단계)-부속치과병원_상급종합 | Dental Operation Implant-Fixture Placement | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 4 | 8 | 1 | Z | Z | Z |
| UB129 | 천1나 (9) | 치과임플란트 [1치당]-고정체(본체)식립술(2) 단계)-보건의료원 | Dental Operation Implant-Fixture Placement | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 4 | 9 | 1 | Z | Z | Z |
| UB131 | 천1다 (1) | 치과임플란트 [1치당]-보철수복(3단계)-치 과의원 | Dental Restoration Implant-Prosthetic | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 5 | 1 | 1 | Z | Z | Z |
| UB132 | 천1다 (2) | 치과임플란트 [1치당]-보철수복(3단계)-치 과병원 | Dental Restoration Implant-Prosthetic | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 5 | 2 | 1 | Z | Z | Z |
| UB133 | 천1다 (3) | 치과임플란트 [1치당]-보철수복(3단계)-병 원_요양병원내치과 | Dental Restoration Implant-Prosthetic | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 5 | 3 | 1 | Z | Z | Z |
| UB134 | 천1다 (4) | 치과임플란트 [1치당]-보철수복(3단계)-한 방병원내치과 | Dental Restoration Implant-Prosthetic | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 5 | 4 | 1 | Z | Z | Z |
| UB135 | 천1다 (5) | 치과임플란트 [1치당]-보철수복(3단계)-중 합병원내치과 | Dental Restoration Implant-Prosthetic | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 5 | 5 | 1 | Z | Z | Z |
| UB136 | 천1다 (6) | 치과임플란트 [1치당]-보철수복(3단계)-부 속치과병원_상급종합제외 | Dental Restoration Implant-Prosthetic | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 5 | 6 | 1 | Z | Z | Z |
| UB137 | 천1다 (7) | 치과임플란트 [1치당]-보철수복(3단계)-상 급종합병원내치과 | Dental Restoration Implant-Prosthetic | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 5 | 7 | 1 | Z | Z | Z |

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본 수 | 기본 2 | 추가 | 급여 | 산정 수 | 산정 2 | 산정 상 |
|-------|--------------|------------------------------------|---|---------------|-------|--------------------|---------|---------|----|----|---------|---------|---------|
| UB138 | 천1다 (8) | 치과임플란트 [1치당]-보철수복(3단계)-부속치과병원_상급종합 | Dental Implant-Prosthetic Restoration | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 5 | 8 | 1 | Z | Z | Z |
| UB139 | 천1다 (9) | 치과임플란트 [1치당]-보철수복(3단계)-보건의료원 | Dental Implant-Prosthetic Restoration | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 5 | 9 | 1 | Z | Z | Z |
| U1511 | 채151가 (1) | 의치조직면개조-형상-직접법 [1악당] | Denture Alteration-Relining-Direct Method | I : 치과처치및 수술료 | C:보철 | D:보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 1 | Z | Z | Z |
| U1512 | 채151가 (2) | 의치조직면개조-형상-간접법 [1악당] | Denture Alteration-Relining-Indirect Method | I : 치과처치및 수술료 | C:보철 | D:보철물의 제거, 수리 및 조정 | 0 | 2 | Z | 1 | Z | Z | Z |
| U1513 | 채151나 | 의치조직면개조-개상 [1악당] | Denture Alteration-Rebasing | I : 치과처치및 수술료 | C:보철 | D:보철물의 제거, 수리 및 조정 | 0 | 3 | Z | 1 | Z | Z | Z |
| U1514 | 채151다 | 의치조직면개조-조직조정 [1악당] | Denture Alteration-Tissue Conditioning | I : 치과처치및 수술료 | C:보철 | D:보철물의 제거, 수리 및 조정 | 0 | 4 | Z | 1 | Z | Z | Z |
| U1521 | 채152가 | 의치수리-인공치수리 [1치당] | Denture Repair-Artificial Tooth Repair | I : 치과처치및 수술료 | C:보철 | D:보철물의 제거, 수리 및 조정 | 0 | 5 | Z | 1 | Z | Z | Z |
| U1522 | 채152나 | 의치수리-의치상수리 [1악당] | Denture Repair-Denture Base Repair | I : 치과처치및 수술료 | C:보철 | D:보철물의 제거, 수리 및 조정 | 0 | 6 | Z | 1 | Z | Z | Z |
| U1531 | 채153가 | 의치조정-의치상조정 [1악당] | Denture Adjustment-Denture Base Adjustment | I : 치과처치및 수술료 | C:보철 | D:보철물의 제거, 수리 및 조정 | 0 | 7 | Z | 1 | Z | Z | Z |
| U1532 | 채153나 (1) | 의치조정-교합조정-단순 [1악당] | Denture Adjustment-Simple | I : 치과처치및 수술료 | C:보철 | D:보철물의 제거, 수리 및 조정 | 0 | 8 | Z | 1 | Z | Z | Z |
| U1533 | 채153나 (2) | 의치조정-교합조정-복잡 [1악당] | Denture Adjustment-Complex | I : 치과처치및 수술료 | C:보철 | D:보철물의 제거, 수리 및 조정 | 0 | 9 | Z | 1 | Z | Z | Z |
| U1541 | 채154가 | 클래스프수리-단순 [1악당] | Clasp Repair-Simple | I : 치과처치및 수술료 | C:보철 | D:보철물의 제거, 수리 및 조정 | 1 | 0 | Z | 1 | Z | Z | Z |
| U1542 | 채154나 | 클래스프수리-복잡 [1악당] | Clasp Repair-Complex | I : 치과처치및 수술료 | C:보철 | D:보철물의 제거, 수리 및 조정 | 1 | 1 | Z | 1 | Z | Z | Z |
| U2241 | 채19가 | 치관수복물 또는 보철물의 제거 [1치당]-간단한 것 | Removal of Restoration-Simple | I : 치과처치및 수술료 | C:보철 | D:보철물의 제거, 수리 및 조정 | 1 | 2 | Z | 1 | Z | Z | Z |
| U2242 | 채19나 | 치관수복물 또는 보철물의 제거 [1치당]-복잡한 것 | Removal of Restoration-Complicated | I : 치과처치및 수술료 | C:보철 | D:보철물의 제거, 수리 및 조정 | 1 | 3 | Z | 1 | Z | Z | Z |
| UX002 | 채2 | 금속재포스트제거 [1근관당] | Removal of Metallic Post | I : 치과처치및 수술료 | C:보철 | D:보철물의 제거, 수리 및 조정 | 1 | 4 | Z | 1 | Z | Z | Z |

치아교정

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본 기분 1 | 기본 기분 2 | 추가 | 급여 | 신경 신경 1 | 신경 신경 2 | 신경 신경 3 |
|-------|------|---------------------|---|----------------|--------|--------|------------|------------|----|----|------------|------------|------------|
| UZ034 | 초34 | 대구치직립이동 | Uprighting Tilted Molar | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 1 | Z | 2 | Z | Z | Z |
| UZ081 | 초81 | 신속한 교정치료를 위한 피질골절단술 | Corticotomy for surgically assisted rapid orthodontic treatment | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 2 | Z | 2 | Z | Z | Z |

구강내과

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본 기 | 기본 2 | 추가 | 급여 | 산정 1 | 산정 2 | 산정 3 |
|-------|------|-----------------------|---|----------------|--------|----------------|---------|---------|----|----|---------|---------|---------|
| U2290 | 차29 | 교합조정술[1차당] | Occlusal Adjustment | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 1 | Z | 1 | Z | Z | Z |
| U2351 | 차35가 | 교합성형술(최대교합위) | Occlusal Equilibration-Maximum Intercuspal Position | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 1 | Z | 1 | Z | Z | Z |
| U2352 | 차35나 | 교합성형술(중심위) | Occlusal Equilibration-Centric Relation | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 1 | Z | 1 | Z | Z | Z |
| U2353 | 차35다 | 교합성형술(전방위) | Occlusal Equilibration-Protrusive Position | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 1 | Z | 1 | Z | Z | Z |
| U2354 | 차35라 | 교합성형술(측방위) | Occlusal Equilibration-Laterotrusive Position | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 1 | Z | 1 | Z | Z | Z |
| U2360 | 차36 | 교합기부착모형상의교합성형술 | Occlusal Adjustment on Model Mounted on Articulator | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 1 | Z | 1 | Z | Z | Z |
| U2381 | 차38가 | 측두하악관절지크요법[1일당]-단순지크 | Physiotherapy of TMD | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 1 | Z | 1 | Z | Z | Z |
| U2382 | 차38나 | 측두하악관절지크요법[1일당]-전기지크 | Physiotherapy of TMD | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 1 | Z | 1 | Z | Z | Z |
| U2383 | 차38다 | 측두하악관절지크요법[1일당]-복합지크 | Physiotherapy of TMD | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 1 | Z | 1 | Z | Z | Z |
| UX044 | 차44 | 악관절강제척술 | TMJ Arthrocentesis | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 0 | Z | 3 | Z | Z | Z |
| UZ036 | 초36 | 이갈이장치 | Bruxism Appliance | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 1 | Z | 2 | Z | Z | Z |
| UZ042 | 초42가 | 교합장치-교합안정장치 | Occlusal Appliance - Stabilization Splint | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 2 | Z | 2 | Z | Z | Z |
| UZ043 | 초42나 | 교합장치-즉시전방교합장치 | Occlusal Appliance - Immediate Anterior Bite Plate | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 3 | Z | 2 | Z | Z | Z |
| UZ044 | 초42다 | 교합장치-연성교합안정장치 | Occlusal Appliance - Soft Appliance | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 4 | Z | 2 | Z | Z | Z |
| UZ045 | 초42라 | 교합장치-전방재위교합장치 | Occlusal Appliance - Anterior Repositioning Splint | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 5 | Z | 2 | Z | Z | Z |
| UZ046 | 초42마 | 교합장치-교합장치의 조정, 형성, 재건 | Occlusal Appliance - Adjustment, Build-up, Reconstruction | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 6 | Z | 2 | Z | Z | Z |
| UZ035 | 초35 | 레진수지관스프린트 | Resin Crown Splint | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 7 | Z | 2 | Z | Z | Z |
| UZ039 | 초39 | 코골이장치 | Snoring Appliance | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 8 | Z | 2 | Z | Z | Z |
| UZ031 | 초31 | 구강보호장치 | Mouth Protector | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 9 | Z | 2 | Z | Z | Z |
| UZ033 | 초33 | 금속교합안정장치 | Metal Splint | I : 치과처치 및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 2 | 0 | Z | 2 | Z | Z | Z |

구강악안면수술및치치

| 수기코드 | 분류번호 | 한글명 | 영문명 | 정구본 | 행위대분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급여 | 산정 1 | 산정 2 | 산정 3 |
|-------|-------|------------------------------|--|---------------|----------------|-------------|------|------|----|----|------|------|------|
| U1131 | 치113가 | 선택적치근절제술[1치당] | Selective Root Amputation | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 0 | 1 | Z | 1 | Z | Z | Z |
| U1132 | 치113나 | 치아반측절제술[1치당] | Hemisection | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 0 | 2 | Z | 1 | Z | Z | Z |
| U4551 | 치55가 | 법랑아세포종적출술(편측악골1/30이하) | Operation of Ameloblastoma-One Side Mandible 1/3 Below | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 0 | 3 | Z | 1 | Z | Z | Z |
| U4552 | 치55나 | 법랑아세포종적출술(편측악골1/30이상-1/20이하) | Operation of Ameloblastoma-One Side Mandible 1/3~1/2 | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 0 | 4 | Z | 1 | Z | Z | Z |
| U4553 | 치55다 | 법랑아세포종적출술(편측악골1/20이상) | Operation of Ameloblastoma-One Side Mandible 1/2 Over | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 0 | 5 | Z | 1 | Z | Z | Z |
| U4561 | 치56가 | 치근낭적출술(1/2치관크기이상) | Radicular Cyst Enucleation | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 0 | 6 | Z | 1 | Z | Z | Z |
| U4562 | 치56나 | 치근낭적출술(1치관크기이상) | Radicular Cyst Enucleation | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 0 | 7 | Z | 1 | Z | Z | Z |
| U4563 | 치56다 | 치근낭적출술(2치관크기이상) | Radicular Cyst Enucleation | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 0 | 8 | Z | 1 | Z | Z | Z |
| U4564 | 치56라 | 치근낭적출술(3치관크기이상) | Radicular Cyst Enucleation | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 0 | 9 | Z | 1 | Z | Z | Z |
| U4591 | 치59가 | 치근단절제술[1치당][치근단폐쇄비용포함]-전치 | Apicoectomy-Anterior Tooth | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 1 | 0 | Z | 1 | Z | Z | Z |
| U4592 | 치59나 | 치근단절제술[1치당][치근단폐쇄비용포함]-구치 | Apicoectomy-Posterior Tooth | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 1 | 1 | Z | 1 | Z | Z | Z |
| U4660 | 치66 | 치은편절제술 | Operculectomy | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 1 | 2 | Z | 1 | Z | Z | Z |
| U4670 | 치67 | 치은,치조부병소또는종양절제술[Epulis포함] | Excision of Lesion or Benign Tumor of Gingiva or Alveolar Portion | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 1 | 3 | Z | 1 | Z | Z | Z |
| U4722 | 치72나 | 치조골결핵관혈적정복술(3치이상) | Open Reduction of Alveolar Fracture | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 1 | 4 | Z | 1 | Z | Z | Z |
| U4731 | 치73가 | 골융기절제술(하악설측또는상악협측골융기절제) | Removal of Mandibulolingual or Maxillobuccal Torus | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 1 | 5 | Z | 1 | Z | Z | Z |
| U4732 | 치73나 | 골융기절제술(구개골융기절제) | Excision of Maxillary Torus Palatinus | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 1 | 6 | Z | 1 | Z | Z | Z |
| U4760 | 치76 | 관상돌기절제술 | Coronoidectomy | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 1 | 7 | Z | 1 | Z | Z | Z |
| U4791 | 치79가 | 상악골부분절제술 | Partial Maxillectomy | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 1 | 8 | Z | 1 | Z | Z | Z |
| U4792 | 치79나 | 상악골전적출술 | Total Maxillectomy | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 1 | 9 | Z | 1 | Z | Z | Z |
| U4801 | 치80가 | 상악골(관골포함)양성종양(양성종양)절제술-3cm이하 | Resection of Benign Tumor(Including Cyst) of Maxilla(Including Zygomatic bone)-3cm below | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 2 | 0 | Z | 1 | Z | Z | Z |
| U4802 | 치80나 | 상악골(관골포함)양성종양(양성종양)절제술-3cm이상 | Resection of Benign Tumor(Including Cyst) of Maxilla(Including Zygomatic bone)-3cm over | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 2 | 1 | Z | 1 | Z | Z | Z |
| U4811 | 치81가 | 상악골(관골포함)악성종양[림프절정소포함]부분절제술 | Partial Maxillectomy, Malignant Tumor | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 2 | 2 | Z | 1 | Z | Z | Z |
| U4812 | 치81나 | 상악골(관골포함)악성종양[림프절정소포함]전적출술 | Total Maxillectomy, Malignant Tumor | I : 치과치 및 수술료 | F:구강악안면수술 및 치치 | A:절제 혹은 적출술 | 2 | 3 | Z | 1 | Z | Z | Z |

| 수기코드 | 분류번호 | 한글명 | 영문명 | 정구분 | 행위대분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급여 | 산정 1 | 산정 2 | 산정 3 |
|-------|---------|--|--|----------------|----------------|-------------|------|------|----|----|------|------|------|
| U4861 | 치86가 | 하악골부분절제술 | Partial Mandibulectomy | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 2 | 4 | Z | 1 | Z | Z | Z |
| U4862 | 치86나 | 하악골반측절제술 | Hemimandibulectomy | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 2 | 5 | Z | 1 | Z | Z | Z |
| U4871 | 치87가 | 하악골상중증(낭종포함)절제술-편측악골1/30이상 | Resection of Tumor of Mandible(Benign Tumor(Including Cyst)-One Side Mandible 1/3 Below) | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 2 | 6 | Z | 1 | Z | Z | Z |
| U4872 | 치87나 | 하악골상중증(낭종포함)절제술-편측악골1/30이상~1/20미만 | Resection of Tumor of Mandible(Benign Tumor(Including Cyst)-One Side Mandible 1/3~1/2) | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 2 | 7 | Z | 1 | Z | Z | Z |
| U4873 | 치87다 | 하악골상중증(낭종포함)절제술-편측악골1/20이상 | Resection of Tumor of Mandible(Benign Tumor(Including Cyst)-One Side Mandible 1/2 Over) | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 2 | 8 | Z | 1 | Z | Z | Z |
| U4881 | 치88가 | 하악골악성중양절제술 [림프절정소포함]-하악골변연절제 | Resection of Malignant Tumor(Marginal Mandibulectomy) | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 2 | 9 | Z | 1 | Z | Z | Z |
| U4882 | 치88나 | 하악골악성중양절제술 [림프절정소포함]-하악골부분절제 | Resection of Malignant Tumor(Partial Mandibulectomy) | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 3 | 0 | Z | 1 | Z | Z | Z |
| U4883 | 치88다 | 하악골악성중양절제술 [림프절정소포함]-하악골반측절제 | Resection of Tumor(Hemimandibulectomy) | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 3 | 1 | Z | 1 | Z | Z | Z |
| U4960 | 치96 | 하악과두절제술 | Mandibular Condylectomy | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 3 | 2 | Z | 1 | Z | Z | Z |
| U4971 | 치97가 | 악골내 고정용금속제거술(악골내강선 고정제거) | Removal of The Interosseous Wire | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 3 | 3 | Z | 1 | Z | Z | Z |
| U4972 | 치97나 | 악골내 고정용금속제거술(소형금속판의제거) | Removal of The Fixation Mini Plate | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 3 | 4 | Z | 1 | Z | Z | Z |
| U4973 | 치97다(1) | 악골내 고정용금속제거술(재건용금속판의제거, 악골1/2 이하의 경우 제외) | Removal of Reconstruction Plate-Mandible 1/2 Over | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 3 | 5 | Z | 1 | Z | Z | Z |
| U4974 | 치97다(2) | 악골내 고정용금속제거술(재건용금속판의제거, 악골1/2 미만의 경우 포함) | Removal of Reconstruction Plate-Mandible 1/2 Below | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 3 | 6 | Z | 1 | Z | Z | Z |
| U4975 | 치97주 | 악골에삽입한금속판이내금속정등을간단히제거 | Removal of Implant for Internal Fixation | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 3 | 7 | Z | 1 | Z | Z | Z |
| UX021 | 치21 | 낭종감염양치술 [고무상체를이용한경우] | Cyst Decompression | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 3 | 8 | Z | 3 | Z | Z | Z |
| U4981 | 치98가 | 치과임플란트제거술 [1치당]-단순 | Dental Implant Removal-Simple | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 4 | 0 | Z | 1 | Z | Z | Z |
| U4982 | 치98나 | 치과임플란트제거술 [1치당]-복잡 | Dental Implant Removal-Complex | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 적출술 | 4 | 1 | Z | 1 | Z | Z | Z |
| U2320 | 치32 | 악간고정술 | Intermaxillary Fixation | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 0 | 1 | Z | 1 | Z | Z | Z |
| U2330 | 치33 | 치간고정술 [1악당] | Interdental Wiring | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 0 | 2 | Z | 1 | Z | Z | Z |
| U4690 | 치69 | 탈구치아정복술 [1치당] | Reduction of Luxated Teeth | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 0 | 3 | Z | 1 | Z | Z | Z |
| U4711 | 치71가 | 치조골결비관혈정복술(2치0이하) | Closed Reduction of Alveolar Fracture | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 0 | 4 | Z | 1 | Z | Z | Z |
| U4712 | 치71나 | 치조골결비관혈정복술(3치0이상) | Closed Reduction of Alveolar Fracture | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 0 | 5 | Z | 1 | Z | Z | Z |
| U4721 | 치72가 | 치조골결관혈정복술(2치0이하) | Open Reduction of Alveolar Fracture | I : 치과치치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 0 | 6 | Z | 1 | Z | Z | Z |

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구본 | 행위대분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급여 | 산정 1 | 산정 2 | 산정 3 |
|-------|-------|----------------------------|---|---------------|----------------|-------------|------|------|----|----|------|------|------|
| U4741 | 차74가 | 관골골절정복수술(길리세수술)[관골공,관골체포함] | Reduction Fracture(Gille's Method) Of Zygomatic Bone | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 0 | 7 | Z | 1 | Z | Z | Z |
| U4742 | 차74나 | 관골골절정복수술(관혈적수술)[관골공,관골체포함] | Reduction Fracture(Open Reduction) Of Zygomatic Bone | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 0 | 8 | Z | 1 | Z | Z | Z |
| U4770 | 차77 | 상악골골절비관혈적정복술 | Closed Reduction of Maxillary Fracture | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 0 | 9 | Z | 1 | Z | Z | Z |
| U4781 | 차78가 | 상악골골절관혈적정복술(Le Fort I) | Open Reduction Fracture(Le Fort I) Of Maxillary Fracture | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 1 | 0 | Z | 1 | Z | Z | Z |
| U4782 | 차78나 | 상악골골절관혈적정복술(Le Fort II) | Open Reduction Fracture(Le Fort II) Of Maxillary Fracture | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 1 | 1 | Z | 1 | Z | Z | Z |
| U4783 | 차78다 | 상악골골절관혈적정복술(Le Fort III) | Open Reduction Fracture(Le Fort III) Of Maxillary Fracture | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 1 | 2 | Z | 1 | Z | Z | Z |
| U4784 | 차78-1 | 환관골공환수고정술 | Circumzygomatic Suspension Wiring | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 1 | 3 | Z | 1 | Z | Z | Z |
| U4785 | 차78-2 | 두개안면현수고정술 | Cranio-maxillary Suspension Wiring | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 1 | 4 | Z | 1 | Z | Z | Z |
| U4830 | 차83 | 하악골골절비관혈적정복술 | Closed Reduction of Mandibular Fracture | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 1 | 5 | Z | 1 | Z | Z | Z |
| U4841 | 차84가 | 하악골골절관혈적정복술(정중부,골체부,우각부) | Open Reduction Fracture(Symphysis, Body, Angle) of Mandibular Fracture | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 1 | 6 | Z | 1 | Z | Z | Z |
| U4842 | 차84나 | 하악골골절관혈적정복술(하악과두부) | Open Reduction Fracture(Condylar Head) of Mandibular Fracture | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 1 | 7 | Z | 1 | Z | Z | Z |
| U4843 | 차84-1 | 환하악골결찰술 | Circummandibular Wiring | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 1 | 8 | Z | 1 | Z | Z | Z |
| U4850 | 차85 | 부정유합된하악골결골교정술 | Corrective Osteotomy of Malunioned Mandibular Fracture | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 1 | 9 | Z | 1 | Z | Z | Z |
| U4900 | 차90 | 악관절탈구비관혈적정복술 | Closed Reduction of TMJ Dislocation | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 2 | 0 | Z | 1 | Z | Z | Z |
| U4910 | 차91 | 악관절탈구관혈적정복술 | Open Reduction of TMJ Dislocation | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 정복술 | 2 | 1 | Z | 1 | Z | Z | Z |
| U4430 | 차43 | 치조골성형수술[치당] | Alveoloplasty | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 1 | Z | 1 | Z | Z | Z |
| U4501 | 차50가 | 협순소대성형술(간단한것) | Simple Incision of labial frenum, frenotomy | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 1 | Z | Z | Z |
| U4502 | 차50나 | 협순소대성형술(복잡한것) | Complicated Excision of labial or buccal frenum[frenulectomy, frenectomy] | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 3 | Z | 1 | Z | Z | Z |
| U4511 | 차51가 | 설소대성형술(간단한것) | Lingual Frenectomy-Simple | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 4 | Z | 1 | Z | Z | Z |
| U4512 | 차51나 | 설소대성형술(복잡한것) | Lingual Frenectomy[Frenoplasty, Excision of Frenum]-Complex | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 5 | Z | 1 | Z | Z | Z |
| U4640 | 차64 | 하악골재간술 | Reconstruction of Mandible | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 1 | Z | Z | Z |
| U4930 | 차93 | 악관절원반성형술 | TMJ Menisectomy | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 7 | Z | 1 | Z | Z | Z |
| U4940 | 차94 | 악관절성형수술 | Arthroplasty of TMJ | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 8 | Z | 1 | Z | Z | Z |

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구본 | 행위대분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급여 | 산정 1 | 산정 2 | 산정 3 |
|-------|---------|--|--|----------------|----------------|------------------------------|---------|---------|----|----|---------|---------|---------|
| U4950 | 차95 | 악관절치환술 [인공관절대치술] | Substitution of TMJ | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 9 | Z | 1 | Z | Z | Z |
| UY042 | 차42가 | 상악골성형술(분절골절단술) | Maxillary Plasty | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 0 | Z | 1 | Z | Z | Z |
| UY043 | 차42나 | 상악골성형술(Le Fort I) | Maxillary Plasty(Le Fort I) | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 1 | Z | 3 | Z | Z | Z |
| UY044 | 차42다 | 상악골성형술(Le Fort II) | Maxillary Plasty(Le Fort II) | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 2 | Z | 3 | Z | Z | Z |
| UY045 | 차42라 | 상악골성형술(Le Fort III) | Maxillary Plasty(Le Fort III) | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 3 | Z | Z | Z |
| UY046 | 차43가 | 하악골성형술(분절골절단술) | Mandibuloplasty | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 4 | Z | 3 | Z | Z | Z |
| UY047 | 차43나 | 하악골성형술(이부성형술) | Mandibuloplasty(Genioplasty) | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 5 | Z | 3 | Z | Z | Z |
| UY048 | 차43다 | 하악골성형술(하악지골절단술) | Mandibuloplasty(Osteotomy of Mandibular Ramus) | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 6 | Z | 3 | Z | Z | Z |
| U4411 | 차41가 | 발치술 [1치당]-유치 | Extraction-Deciduous Tooth | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | D:발치 | 0 | 1 | Z | 1 | Z | Z | Z |
| U4412 | 차41나 | 발치술 [1치당]-전치 | Extraction-Anterior Tooth | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | D:발치 | 0 | 2 | Z | 1 | Z | Z | Z |
| U4413 | 차41다 | 발치술 [1치당]-구치 | Extraction-Posterior Tooth | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | D:발치 | 0 | 3 | Z | 1 | Z | Z | Z |
| U4414 | 차41라 | 발치술 [1치당]-난발치 | Extraction-Complicated Extraction | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | D:발치 | 0 | 4 | Z | 1 | Z | Z | Z |
| U4415 | 차41마(1) | 발치술 [1치당]-단순난발치 | Extraction-Impacted Tooth-Simple | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | D:발치 | 0 | 5 | Z | 1 | Z | Z | Z |
| U4416 | 차41마(2) | 발치술 [1치당]-복잡난발치 [치이분할술을 실시한 경우] | Extraction-Impacted Tooth-Complex | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | D:발치 | 0 | 6 | Z | 1 | Z | Z | Z |
| U4417 | 차41마(3) | 발치술 [1치당]-관천난발치(치관0/2/30) 심치조골내배부 원치하의 골절체와 치이분할술을 동시에 시행한 경우 | Extraction-Impacted Tooth-Complete | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | D:발치 | 0 | 7 | Z | 1 | Z | Z | Z |
| U0012 | 차1-2 | 치아 파절편 제거 [1치당] | Removal of Fractured Tooth Fragment | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | E:소염, 불활, 절개, 패쇄, 이식 등 기타소수술 | 0 | 1 | Z | 1 | Z | Z | Z |
| U4454 | 차45가 | 구강내소염수술(치은농양, 치관주위농양, 절개 등) | Incision of Gingival Abscess, Pericoronal Abscess | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | E:소염, 불활, 절개, 패쇄, 이식 등 기타소수술 | 0 | 2 | Z | 1 | Z | Z | Z |
| U4455 | 차45나 | 구강내소염수술(치조농양 또는 구개농양의 절개 등) | Incision of Alveolar Abscess or Palatal Abscess | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | E:소염, 불활, 절개, 패쇄, 이식 등 기타소수술 | 0 | 3 | Z | 1 | Z | Z | Z |
| U4456 | 차45다 | 구강내소염수술(설 또는 구강자농양 [이허극, 설허극, 악하극 등 농양 등]) | Intraoral Antiphlogosis-Abscess of Tongue or Mouth of Floor | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | E:소염, 불활, 절개, 패쇄, 이식 등 기타소수술 | 0 | 4 | Z | 1 | Z | Z | Z |
| U4457 | 차45라 | 구강내소염수술(악골골염, 악골골수염 등) | Intraoral Antiphlogosis-Osteitis of Jaw, Osteomyelitis of Jaw etc. | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | E:소염, 불활, 절개, 패쇄, 이식 등 기타소수술 | 0 | 5 | Z | 1 | Z | Z | Z |
| U4464 | 차46가 | 구강외소염수술(표층) | Extraoral Antiphlogosis-Superficial Layer | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | E:소염, 불활, 절개, 패쇄, 이식 등 기타소수술 | 0 | 6 | Z | 1 | Z | Z | Z |
| U4465 | 차46나 | 구강외소염수술(심층 [근막근농양, 절개]) | Extraoral Antiphlogosis-Deep Layer | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | E:소염, 불활, 절개, 패쇄, 이식 등 기타소수술 | 0 | 7 | Z | 1 | Z | Z | Z |
| U4467 | 차46다 | 구강외소염수술(악골골염, 악골골수염 등) | Extraoral Antiphlogosis-Osteitis of Jaw, Osteomyelitis of Jaw etc. | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | E:소염, 불활, 절개, 패쇄, 이식 등 기타소수술 | 0 | 8 | Z | 1 | Z | Z | Z |
| U4474 | 차47가(1) | 구강내열상봉합술(치은, 구강전정, 림부, 2.5cm이하) | Closure of Intraoral Laceration-Gingiva, Vestibule of Mouth, Buccal part | I : 치과처치 및 수술료 | F:구강악안면수술 및 처치 | E:소염, 불활, 절개, 패쇄, 이식 등 기타소수술 | 0 | 9 | Z | 1 | Z | Z | Z |

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급여 | 산정 1 | 산정 2 | 산정 3 |
|-------|---------|---|---|---------------|----------------|------------------------------|---------|---------|----|----|---------|---------|---------|
| U4475 | 차47기(2) | 구강내열상봉합술(치은, 구강전정, 협부, 2.5cm초과) | Closure of Intraoral Laceration-Gingiva, Vestibule of Mouth, Buccal part | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불함, 절개, 패쇄, 이식 등 기타소수술 | 1 | 0 | Z | 1 | Z | Z | Z |
| U4476 | 차47기(1) | 구강내열상봉합술(혀, 구강저, 구개부, 2.5cm이하) | Closure of Intraoral Laceration-Lingua, Floor of Mouth, Palate | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불함, 절개, 패쇄, 이식 등 기타소수술 | 1 | 1 | Z | 1 | Z | Z | Z |
| U4477 | 차47기(2) | 구강내열상봉합술(혀, 구강저, 구개부, 2.5cm초과) | Closure of Intraoral Laceration-Lingua, Floor of Mouth, Palate | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불함, 절개, 패쇄, 이식 등 기타소수술 | 1 | 2 | Z | 1 | Z | Z | Z |
| U4520 | 차52 | 치성편도주위농양절개술 | Incision of Peritonsillar Abscess | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불함, 절개, 패쇄, 이식 등 기타소수술 | 1 | 3 | Z | 1 | Z | Z | Z |
| U4533 | 차53기 | 악골수염수술(치조부에국한된경우) | Surgery of Osteomyelitis of Maxilla-Limited Alveolar Bone | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불함, 절개, 패쇄, 이식 등 기타소수술 | 1 | 4 | Z | 1 | Z | Z | Z |
| U4534 | 차53나 | 악골수염수술(편측악골의1/3이하의범위) | Surgery of Osteomyelitis of Maxilla-One Side Mandible 1/3 Below | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불함, 절개, 패쇄, 이식 등 기타소수술 | 1 | 5 | Z | 1 | Z | Z | Z |
| U4535 | 차53다 | 악골수염수술(편측악골의1/3(상)의범위) | Surgery of Osteomyelitis of Maxilla-One Side Mandible 1/3 Over | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불함, 절개, 패쇄, 이식 등 기타소수술 | 1 | 6 | Z | 1 | Z | Z | Z |
| U4610 | 차61 | 구강안면누공폐쇄술 | Orofacial Fistula Closure | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불함, 절개, 패쇄, 이식 등 기타소수술 | 1 | 7 | Z | 1 | Z | Z | Z |
| U4621 | 차62가 | 구강상악동누공폐쇄술(전치파만이용) | Oroantral Fistula Closure with Advancement Flap | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불함, 절개, 패쇄, 이식 등 기타소수술 | 1 | 8 | Z | 1 | Z | Z | Z |
| U4622 | 차62나 | 구강상악동누공폐쇄술(유경피판이용) | Oroantral Fistula Closure with Pedicled Flap | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불함, 절개, 패쇄, 이식 등 기타소수술 | 1 | 9 | Z | 1 | Z | Z | Z |
| U4630 | 차63 | 치아재식술[1치당] | Replantation | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불함, 절개, 패쇄, 이식 등 기타소수술 | 2 | 0 | Z | 1 | Z | Z | Z |
| U4750 | 차75 | 부정유합단골절골교정술 | Corrective Osteotomy of Malunioned Zygomatic Bone | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불함, 절개, 패쇄, 이식 등 기타소수술 | 2 | 1 | Z | 1 | Z | Z | Z |
| UZ082 | 초82 | 치기치아 이식술 | Tooth Autotransplantation | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불함, 절개, 패쇄, 이식 등 기타소수술 | 2 | 2 | Z | 2 | Z | Z | Z |
| UZ083 | 초83 | 생체조직치린 자가골이식술 [골형단백(BMP)을 추출하여 시행하는 경우] | Tissue Engineering, Auto Bone Graft [Autogenous Bone Graft treated with Bone Morphogenetic Protein] | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불함, 절개, 패쇄, 이식 등 기타소수술 | 2 | 3 | Z | 2 | Z | Z | Z |
| UX041 | 차41 | 치관노출술 [1치당] | Surgical Uncovering | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불함, 절개, 패쇄, 이식 등 기타소수술 | 2 | 4 | Z | 2 | Z | Z | Z |
| U2211 | 차21가 | 수술후치치[1일당]-단순치치 | Postoperative Dressing-Simple | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 1 | Z | 1 | Z | Z | Z |
| U2212 | 차21나 | 수술후치치[1일당]-대수술후치치 | Postoperative Dressing-After Operation | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 2 | Z | 1 | Z | Z | Z |
| U2213 | 차21다 | 수술후치치[1일당]-수술후염증성치치, 배액관교환(Dressing포함)등 | Postoperative Infected Wound Dressing, Drain Change etc. | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 3 | Z | 1 | Z | Z | Z |
| U2214 | 차21라 | 수술후치치[1일당]-후출혈치치 | Postoperative Bleeding Control | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 4 | Z | 1 | Z | Z | Z |
| U2250 | 차25 | 순열수술후보호장치 | Cleft Lip Protector | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 5 | Z | 1 | Z | Z | Z |
| U2260 | 차26 | 상고경장치술[1일당] | Plate Splint | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 6 | Z | 1 | Z | Z | Z |
| U2280 | 차28 | 고경장치의제거[1일당] | Removal of Splint | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 7 | Z | 1 | Z | Z | Z |
| U2300 | 차30 | 수술용스플린트 | Surgical Splint | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 8 | Z | 1 | Z | Z | Z |
| U4420 | 차42 | 발치외재소파술 | Recurettage of Extracted Socket | I : 치과치 및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 9 | Z | 1 | Z | Z | Z |

치과기타처치

| 수기코드 | 분류번호 | 한글명 | 영문명 | 장구분 | 행위대분류 | 행위성격 | 기본 1 | 기본 2 | 추가 | 급여 | 산정 | 산정 2 | 산정 3 |
|-------|-----------|----------------------------------|---|---------------|----------|----------|------|------|----|----|----|------|------|
| U0041 | 차4가 | 지각과민치치[1치당]-약물도포,이온도입법의경우 | Desensitizing Iontophoresis Treatment-Topical Application, | I : 치과처치및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 1 | Z | 3 | Z | Z | Z |
| U0140 | 차14 | 러버댐장착[1약당] | Rubber Dam Application | I : 치과처치및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 1 | Z | Z | Z |
| U2341 | 차34가 | 잠긴고정술[1약당]-3치이하 | Temporary Splinting | I : 치과처치및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 3 | Z | 1 | Z | Z | Z |
| U2342 | 차34나 | 잠긴고정술[1약당]-4치이상 | Temporary Splinting | I : 치과처치및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 4 | Z | 1 | Z | Z | Z |
| U2370 | 차37가 | 행동조절 [아산화질소흡입]-15분까지 | Behavior Management | I : 치과처치및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 5 | Z | 1 | Z | Z | Z |
| U2371 | 차37나 | 행동조절 [아산화질소흡입]-15분초과1시간까지매15분당 | Behavior Management | I : 치과처치및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 6 | Z | 1 | Z | Z | Z |
| U2372 | 차37다 | 행동조절 [아산화질소흡입]-1시간초과시매30분당 | Behavior Management | I : 치과처치및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 7 | Z | 1 | Z | Z | Z |
| UH010 | 차1-절주2 | 보통치치[1치1회당]-장애인가산(뇌병변·지적·정신·자폐) | Simple Treatment | I : 치과처치및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 8 | 1 | 1 | Z | Z | Z |
| UH011 | 차1-1/2-절주 | 치아진정치치[1치당]-장애인가산(뇌병변·지적·정신·자폐) | Dental Sedative Filling | I : 치과처치및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 9 | 1 | 1 | Z | Z | Z |
| UH012 | 차1-2/2-절주 | 치아파열편제거[1치당]-장애인가산(뇌병변·지적·정신·자폐) | Removal of Fractured Tooth Fragment | I : 치과처치및 수술료 | G:치과기타처치 | A:치과기타처치 | 1 | 0 | 1 | 1 | Z | Z | Z |
| UX001 | 차4나 | 지각과민치치[1치당]-레이저치료,상아질점착제도포의경우 | Desensitizing Adhesive Application Treatment- Laser Treatment, Dentin | I : 치과처치및 수술료 | G:치과기타처치 | A:치과기타처치 | 1 | 1 | Z | 3 | Z | Z | Z |
| UZ032 | 츠32 | 구취의 해석 및 진단, 구취치치 | Measurement of Breath Malodor | I : 치과처치및 수술료 | G:치과기타처치 | A:치과기타처치 | 1 | 2 | Z | 2 | Z | Z | Z |

[공공기관 등 비급여 통합행위명]

비급여-치주

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위종류 (행위장식) | 기본1 | 기본2 | 추가 | 급여 | 산정1 | 산정2 | 산정3 |
|------|----------------------------|------------------------------|----------------|---------------|-----------|----------------|-----|-----|----|----|-----|-----|-----|
| D4 | 소아 과잉치 Splint | Occlusal Appliance | 교합안정장치 제작 및 시적 | I : 치과처치및 수술료 | A:치주 및 예방 | A:예방 | 0 | 1 | Z | 4 | Z | Z | Z |
| H8 | Fluoride Application 1/3억당 | Fluoride Application | 불소도포 | I : 치과처치및 수술료 | A:치주 및 예방 | A:예방 | 0 | 2 | Z | 4 | Z | Z | Z |
| H8 | Fluoride Solution | Fluoride Application | 불소도포 | I : 치과처치및 수술료 | A:치주 및 예방 | A:예방 | 0 | 2 | Z | 4 | Z | Z | Z |
| D4 | Fluoride Stent (Arch) | Fluoride Application | 불소도포 | I : 치과처치및 수술료 | A:치주 및 예방 | A:예방 | 0 | 2 | Z | 4 | Z | Z | Z |
| B2 | 불소도포 | Fluoride Application | 불소도포 | I : 치과처치및 수술료 | A:치주 및 예방 | A:예방 | 0 | 2 | Z | 4 | Z | Z | Z |
| E5 | 불소도포 | Fluoride Application | 불소도포 | I : 치과처치및 수술료 | A:치주 및 예방 | A:예방 | 0 | 2 | Z | 4 | Z | Z | Z |
| D4 | 불소도포 (예방목적) | Fluoride Application | 불소도포 | I : 치과처치및 수술료 | A:치주 및 예방 | A:예방 | 0 | 2 | Z | 4 | Z | Z | Z |
| B2 | 불소바니쉬 | Fluoride Application | 불소도포 | I : 치과처치및 수술료 | A:치주 및 예방 | A:예방 | 0 | 2 | Z | 4 | Z | Z | Z |
| D4 | 소아 잇솔질교육 | Tooth brush instruction | 소아잇솔질교육 | I : 치과처치및 수술료 | A:치주 및 예방 | A:예방 | 0 | 3 | Z | 4 | Z | Z | Z |
| D4 | 소아 치면세마 | Plaque control | 소아치면세마 | I : 치과처치및 수술료 | A:치주 및 예방 | A:예방 | 0 | 4 | Z | 4 | Z | Z | Z |
| H8 | 실란트(Sealant) | Sealant | 치면열구전색 | I : 치과처치및 수술료 | A:치주 및 예방 | A:예방 | 0 | 5 | Z | 4 | Z | Z | Z |
| D4 | 치면열구전색(보험인정기준 외) | Sealant | 치면열구전색 | I : 치과처치및 수술료 | A:치주 및 예방 | A:예방 | 0 | 5 | Z | 4 | Z | Z | Z |
| F6 | 치면열구전색(소아치과:A) | Sealant | 치면열구전색 | I : 치과처치및 수술료 | A:치주 및 예방 | A:예방 | 0 | 5 | Z | 4 | Z | Z | Z |
| F6 | 치면열구전색(소아치과:A)[비선택진료] | Sealant | 치면열구전색 | I : 치과처치및 수술료 | A:치주 및 예방 | A:예방 | 0 | 5 | Z | 4 | Z | Z | Z |
| B2 | 치면열구전색 | Sealant | 치면열구전색 | I : 치과처치및 수술료 | A:치주 및 예방 | A:예방 | 0 | 5 | Z | 4 | Z | Z | Z |
| E5 | 잇몸웃음교정술 | Correction of Gummy Smile | 잇몸웃음교정술 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | 인공치은 | Gingival Mask | 인공치은 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 2 | 9 | Z | 2 | Z | Z | Z |
| E5 | 심미적 치관형성술 | Surgical Uncovering | 치관형성술 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 2 | 9 | Z | 2 | Z | Z | Z |
| E5 | 심미적치과연결술(치10당) | Enameloplasty for Eesthetics | 치관형성술 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 3 | 2 | Z | 2 | Z | Z | Z |
| E5 | 치은색소제거술(1/3억당) | Gingival Depigmentation | 치은색소제거술 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 3 | 0 | Z | 2 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위종별류 (행위장착) | 기본1 | 기본2 | 추가 | 급여 | 산정1 | 산정2 | 산정3 |
|------|-------------------|----------------------------|----------|---------------|-----------|-----------------|-----|-----|----|----|-----|-----|-----|
| B2 | 치은착색제거술 | Gingival Depigmentation | 치은착색제거술 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 3 | 0 | Z | 2 | Z | Z | Z |
| E5 | 치은착색제거술 | Gingival Depigmentation | 치은착색제거술 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 3 | 0 | Z | 2 | Z | Z | Z |
| F6 | 치은착색제거술(간단) | Gingival Depigmentation | 치은착색제거술 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 3 | 0 | Z | 2 | Z | Z | Z |
| A1 | TB(치과) | tooth brush instruction | 치태조절교육 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |
| 26 | TB-1 | tooth brush instruction | 치태조절교육 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |
| 26 | TB-2 | tooth brush instruction | 치태조절교육 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |
| 4386 | 스케일링 B(T.B.I) | tooth brush instruction | 치태조절교육 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |
| 4386 | 스케일링 B(T.B.I)/재료비 | tooth brush instruction | 치태조절교육 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |
| B2 | 치면세균막관리교육 | Plaque Control Instruction | 치태조절교육 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |
| E5 | 치주관리 | Plaque Control Instruction | 치태조절교육 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |
| 21 | 티 비 아이-A | tooth brush instruction | 치태조절교육 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |
| 21 | 티 비 아이-B | tooth brush instruction | 치태조절교육 | I : 치과처치및 수술료 | A:치주 및 예방 | B:치주치료 | 0 | 2 | Z | 4 | Z | Z | Z |

비급여-보존

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류 | 기본1 | 기본2 | 추가 | 급여 | 산정2 | 산정2 | 산정3 |
|------|------------------------------|--|---------------------|---------------|-------|--------|-----|-----|----|----|-----|-----|-----|
| F6 | GLASS IONOMER FOR CHILD (A) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| F6 | GLASS IONOMER FOR CHILD (B) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| G7 | 광중합형 글래스 아이오노머(유치A)(초6) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| G7 | 광중합형 글래스 아이오노머(유치B)(초6) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| H8 | Glass Ionomer Cement | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| F6 | 광중합형 글래스아이노머시멘트충전(2단) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| F6 | 광중합형 글래스아이노머시멘트충전(간단)[비선택진료] | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| F6 | 광중합형 글래스아이노머시멘트충전(복합) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| F6 | 광중합형 글래스아이노머시멘트충전(복합)[비선택진료] | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| B2 | 광중합형 글래스 아이오노머 시멘트충전 | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| E5 | 광중합형 글래스 아이오노머 시멘트충전 | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| G7 | 광중합형 글래스 아이오노머 충전(1)(초6) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| G7 | 광중합형 글래스 아이오노머 충전(2)(초6) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| G7 | 광중합형 글래스 아이오노머(영구치A)(초6) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| G7 | 광중합형 글래스 아이오노머(영구치B)(초6) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| H8 | 광중합형 글래스아이노머시멘트충전 | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| D4 | 광중합형 글래스 아이오노머 시멘트충전 | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| A1 | 광중합형 글래스 아이오노머 시멘트충전 | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| 21 | 글래스 아이오노머(1차당) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| C3 | 글래스 아이오노머(1차당) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류 | 기본1 | 기본2 | 추가 | 급여 | 산정2 | 산정2 | 산정3 |
|------|----------------------|---|---------------------|---------------|-------|--------|-----|-----|----|----|-----|-----|-----|
| G7 | 글래스 아이노머 (1)(초6) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| G7 | 글래스 아이노머 (2)(초6) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| G7 | 글래스아이노머 (3)(초6) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| F6 | 예방적 G.(A) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| F6 | 예방적 G.(B) | Light-cured Filling Glass Ionomer Cement | 광중합형글래스아이오노머 시멘트 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 4 | Z | 2 | Z | Z | Z |
| 7924 | 레진 (구치부) | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| G7 | 레진 충전(유치B)(초5) | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| G7 | 레진 충전(유치B)(초5) | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 21 | 3M 레진 충전 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 21 | 3M 레진 충전(복합)재료대 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 21 | 3M 레진 충전(복합)행위로 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| C3 | 3M 레진충전(단순) | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| C3 | 3M 레진충전(복합) | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7162 | resin filling(ii) | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7528 | RESIN SPACECLOSURE20 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7528 | RESIN SPACECLOSURE20 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7529 | resin 교환면 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7528 | RESIN 구치부 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7528 | RESIN 구치부/재료 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7528 | RESIN 구치부/재료20 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7528 | RESIN 구치부/재료30 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7528 | RESIN 구치부20 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7528 | RESIN 구치부30 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류 | 기본1 | 기본2 | 추가 | 급여 | 산정2 | 산정2 | 산정3 |
|------|--------------------------------------|---------------------------------------|--------------|----------------|-------|--------|-----|-----|----|----|-----|-----|-----|
| 7528 | RESIN 전치부 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7528 | RESIN 전치부/재료 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7528 | RESIN 전치부/재료20 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7528 | RESIN 전치부/재료30 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7528 | RESIN 전치부20 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7528 | RESIN 전치부30 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 4386 | Resin(class III) B | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 4386 | Resin(class III) B/재료비 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 4386 | Resin(class V cervical abrasion) | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 4386 | Resin(class V cervical abrasion)/재료비 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 4386 | Resin(diaetama closure class IV) | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 4386 | Resin(diaetama closure class IV)/재료비 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7921 | resin(전치부)/광중합레진치보만인경해충,산제는 제외 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 26 | 광중합레진 충전 - 5 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| 26 | 광중합레진 충전 -4 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| G7 | 광중합형 레진충전(1)(초5) | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| G7 | 광중합형 레진충전(2)(초5) | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| G7 | 광중합형 레진충전(3)(초5) | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| G7 | 광중합형 레진충전(4)(초5) | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| B2 | 광중합형 복합레진충전 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| F6 | 광중합형 복합레진충전 1-1 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| F6 | 광중합형 복합레진충전 1-2 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| F6 | 광중합형 복합레진충전 2-1 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| F6 | 광중합형 복합레진충전 2-2 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |
| F6 | 광중합형 복합레진충전 3-1 | Light - cured Composite Resin Filling | 광중합형 복합레진 충전 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 3 | Z | 2 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류 | 기본1 | 기본2 | 추가 | 급여 | 산정2 | 산정2 | 산정3 |
|-------|----------------------|---------------------------------------|-------------|----------------|-------|--------|-----|-----|----|----|-----|-----|-----|
| F6 | 광중합형 복합레진충진 3-2 | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| F6 | 광중합형 복합레진충진 4-1 | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| F6 | 광중합형 복합레진충진 4-2 | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| H8 | 광중합형복합레진 | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| G7 | 근관치료전 광중합형 수복(2)(초5) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 22 | 레진충진 a | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 22 | 레진충진 b | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 22 | 레진충진 C(Cervical) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 22 | 레진충진 D(Proximal) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 22 | 레진충진 E(전치부 Proximal) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7924 | 레진 (구치부) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 8977 | 레진 구치부(단순) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 8977 | 레진 구치부(복잡) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 8977 | 레진 전치부(단순) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| G7 | 레진 충전(영구치A)(초5) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| G7 | 레진 충전(영구치B)(초5) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 7924 | 레진 코어 | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 8976 | 레진1급 | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 8976 | 레진1급(재료) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 10328 | 레진구치부 [광중합형 복합레진충진] | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 10328 | 레진구치부 [광중합형 복합레진충진]a | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| H8 | 레진빌드업 | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| H8 | 레진오피리스패쇄 | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 3319 | 레진충진(1치당) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 3319 | 레진충진(전치부) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술료 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류 | 기본1 | 기본2 | 추가 | 급여 | 산정2 | 산정2 | 산정3 |
|------|--|---------------------------------------|-------------|----------------|-------|--------|-----|-----|----|----|-----|-----|-----|
| 3319 | 레진충진(치관부) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 3319 | 레진충진(치근부) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| E5 | 역충진광중합레진 | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| G7 | 예방적 유동성 레진 수복 시(초5) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| F6 | 예방적레진충진(1) | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| F6 | 예방적레진충진(1)[비선택진료] | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| 26 | 자기중합레진(1치당)-3면 | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| D4 | 치간이개 심미적폐쇄술(교정력을 이용한 경우, 복합 레진축조술의 경우) | Diastema Closure | 치간이개 심미적폐쇄술 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 0 | 1 | Z | 4 | Z | Z | Z |
| F6 | 치간이개 심미적폐쇄술(교정력을 이용한 경우, 복합 레진축조술의 경우) | Diastema Closure | 치간이개 심미적폐쇄술 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 치간이개 수복(치아당) | Diastema Closure | 치간이개 심미적폐쇄술 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 치간이개수복(치아당) | Diastema Closure | 치간이개 심미적폐쇄술 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 0 | 1 | Z | 4 | Z | Z | Z |
| 8977 | 치경부레진 | Light - cured Composite Resin Filling | 광중합형 복합레진충진 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 3 | Z | 2 | Z | Z | Z |
| E5 | 치아(이)개수복(치아당) | Diastema Closure | 치간이개 심미적폐쇄술 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 0 | 1 | Z | 4 | Z | Z | Z |
| F6 | 레진 온레이 1 | Indirect Restoration of Inlay/Onlay | 온레이/온레이 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 2 | Z | 2 | Z | Z | Z |
| F6 | 레진 온레이 1-1 | Indirect Restoration of Inlay/Onlay | 온레이/온레이 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 2 | Z | 2 | Z | Z | Z |
| F6 | 레진 온레이 1-2 | Indirect Restoration of Inlay/Onlay | 온레이/온레이 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 2 | Z | 2 | Z | Z | Z |
| F6 | 레진 온레이 2-1 | Indirect Restoration of Inlay/Onlay | 온레이/온레이 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 2 | Z | 2 | Z | Z | Z |
| F6 | 레진 온레이 2-2 | Indirect Restoration of Inlay/Onlay | 온레이/온레이 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 2 | Z | 2 | Z | Z | Z |
| F6 | 레진 온레이 3-1 | Indirect Restoration of Inlay/Onlay | 온레이/온레이 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 2 | Z | 2 | Z | Z | Z |
| A1 | Ceromer Onlay | Indirect Restoration of Inlay/Onlay | 온레이/온레이 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 2 | Z | 2 | Z | Z | Z |
| 7165 | onlay | Indirect Restoration of Inlay/Onlay | 온레이/온레이 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 2 | Z | 2 | Z | Z | Z |
| E5 | 골드온레이 | Indirect Restoration of Inlay/Onlay | 온레이/온레이 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 2 | Z | 2 | Z | Z | Z |
| H8 | 금 온레이 | Indirect Restoration of Inlay/Onlay | 온레이/온레이 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 2 | Z | 2 | Z | Z | Z |
| C3 | 금 온레이 | Indirect Restoration of Inlay/Onlay | 온레이/온레이 | I : 치과치치 및 수술로 | B:보존 | A:치아충진 | 2 | 2 | Z | 2 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류 | 기본1 | 기본2 | 추가 | 급여 | 산정2 | 산정2 | 산정3 |
|------|-------------------------|-------------------------------------|----------|---------------|-------|--------|-----|-----|----|----|-----|-----|-----|
| C3 | ALL CERAMIC INLAY | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 7528 | GOLD INLAY(단순 20) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 7528 | GOLD INLAY(단순) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 7528 | GOLD INLAY(복잡) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 7528 | GOLD INLAY(복잡20) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 7528 | GOLD INLAY(복잡30) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 7921 | Gold Inlay/caiss II | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 7528 | GOLD INLAY(재료) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 7528 | GOLD INLAY(재료 (복잡)) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 7528 | GOLD INLAY(재료 (복잡)20) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 7528 | GOLD INLAY(재료 (복잡)30) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 7528 | GOLD INLAY(재료20) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 8977 | GOLD 인레이(복잡) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| H8 | I,P,S 인레이 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| C3 | IN-CERAM | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| H8 | Inlay | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 4386 | Inlay B | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 4386 | Inlay B/재료B | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| A1 | RESIN INLAY CLASS I(A) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| A1 | RESIN INLAY CLASS II(A) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| C3 | Resin inlay remake A | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| C3 | Resin inlay remake B | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| H8 | Targis Inlay | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| H8 | Tescera Inlay | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| E5 | 골드인레이 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류 | 기본1 | 기본2 | 추가 | 급여 | 산정2 | 산정2 | 산정3 |
|------|--|-------------------------------------|----------|---------------|-------|--------|-----|-----|----|----|-----|-----|-----|
| C3 | 금 인레이 1면 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| C3 | 금 인레이 2면 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 21 | 금 인레이 2면 재료대 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 21 | 금 인레이 2면 행위료 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| C3 | 금 인레이 3면 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 21 | 금 인레이 3면 재료대 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 21 | 금 인레이 3면 행위료 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| G7 | 금온레이(1)(초4) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 7931 | 금인레이 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| G7 | 금인레이(1)(초4) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| G7 | 금인레이(2)(초4) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 22 | 금인레이(Onlay) 4면 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 22 | 금인레이B재료대별도 2면 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 8977 | 레진 inlay | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| E5 | 레진인레이 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 7924 | 보철 인레이 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| 8977 | 세라믹 inlay | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| B2 | 인레이(인lay) 및 온레이(Onlay) 간접충전(금 등)을 사 용할 충전재료 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| D4 | 인레이(인lay) 및 온레이(Onlay) 간접충전(금 등)을 사 용할 충전재료 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| A1 | 인레이(인lay) 및 온레이(Onlay) 간접충전(금 등)을 사 용할 충전재료 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| A1 | 인레이(인lay) 및 온레이(Onlay) 간접충전(금 등)을 사 용할 충전재료 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| F6 | 인레이(인lay) 및 온레이(Onlay) 간접충전(금 등)을 사 용할 충전재료 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류 | 기본1 | 기본2 | 추가 | 급여 | 산정2 | 산정2 | 산정3 |
|------|--|-------------------------------------|----------|----------------|-------|--------|-----|-----|----|----|-----|-----|-----|
| E5 | 인레이(Inlay) 및 온레이(Onlay) 간접충전(금 등을 사용하지 않음) | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| E5 | 포세린인레이 | Indirect Restoration of Inlay/Onlay | 인레이/온레이 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 2 | Z | 2 | Z | Z | Z |
| D4 | 점착 아말감 수복 | Bonded Amalgam Restoration | 점착아말감수복 | I : 치과처치 및 수술료 | B:보존 | A:치아충전 | 2 | 1 | Z | 2 | Z | Z | Z |
| H8 | 치근단미세조정술 | Apicoectomy | 치근단미세조정술 | I : 치과처치 및 수술료 | B:보존 | B:근관치료 | 0 | 1 | Z | 4 | Z | Z | Z |

비급여-보철

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류(행위성격) | 기본 1 | 기본 2 | 추가 | 급여 | 산정 1 | 산정 2 | 산정 3 |
|------|---|---------|----------|---------------|-------|-------------|------|------|----|----|------|------|------|
| B2 | 1악궁부의치타이코보 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 1악당총의치레진상 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 1악당총의치코발트쿠롬상 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Attachment | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | C D (Resin Base) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | C D Non-precious(Metal Base) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Clip 시용(in Overdenture) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Complete Denture | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Complete Denture-Resin | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Conventional prosthetic Dx.(Impression + photo) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7165 | Denture(총의치)-상악 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| C3 | DOUBLE CROWN OVERDENTURE | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| C3 | FULL DENTURE | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7528 | FULL DENTURE(합금상)30 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Immediate Complete Denture | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Immediate Complete Denture | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| C3 | OVERDENTURES용 Abutment 교체 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Rebasing Complete Denture | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Temporary Denture | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| H8 | Temporary Denture | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7921 | Temporary Denture(임시국소의치) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위종분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신정 1 | 신정 2 | 신정 3 |
|------|-------------------------------|---------|----------|---------------|-------|-------------|----|----|----|----|------|------|------|
| E5 | 귀금속 완전 의치(Precious CD) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 완전 의치(CD) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| H8 | 완전틀니 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| 4386 | 임시의치 (Full) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| 4386 | 임시의치 (Full)/재료비 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 임시총의치 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 총의치 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 총의치 귀금속 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 총의치 금속상 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | A:완전기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 1악극부의치코발트크롬 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Add clasp to existing RPD | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Add tooth to existing RPD | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Conversion of RPD to CD | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7165 | Immediate(wire-tempo denture) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7165 | Immediate(wire-tempo denture) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Interim Denture | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| C3 | KONUS DENTURE DENTURE | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| C3 | KONUS DENTURE 내관 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| C3 | KONUS DENTURE 외관 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| C3 | KONUS DENTURE 외관+RESIN FACING | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Lower attachment RPD | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Maryland Bridge Wring | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위종분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신정 1 | 신정 2 | 신정 3 |
|-------|--------------------------------------|---------|----------|---------------|-------|-------------|----|----|----|----|------|------|------|
| A1 | Maryland bridge(3unit) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Rebasing RPD | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | RPD - lower Class I | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | RPD - lower class II | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | RPD - lower class III | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | RPD - lower class IV | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | RPD - upper class I | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | RPD - upper class II | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | RPD - upper class III | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | RPD - upper class IV | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | RPD retention adjustment(attachment) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | RPD retention adjustment(clasp) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Temporary RPD(>6 teeth) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Temporary RPD(1-5 teeth) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Temporary Denture-Flipper | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Temporary Obturator | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Tissue Bar - Gold | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Tissue Bar - Non-Precious | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Tissue Bar - Pd. | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Upper attachment RPD | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| 10328 | wire temp.denture(splint) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 극소의치 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수부 | 0 | 1 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위종분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신정 1 | 신정 2 | 신정 3 |
|-------|------------------------|---------|----------|---------------|-------|-------------|----|----|----|----|------|------|------|
| C3 | 국소의치(편악)A-1 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| C3 | 국소의치(편악)-B | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 귀금속 부분의치(Precious RPD) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 부분 의치(RPD) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| H8 | 부분 틀니 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| 10328 | 부분의치 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 어택치먼트 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 어택치먼트사용A | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 어택치먼트사용B | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 어택치먼트사용C | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 임시국소의치 1치 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 임시국소의치 전악 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 임시국소의치(1치-추가당) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 임시국소의치A | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 임시국소의치B | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| 4386 | 임시의치 B (3~4개) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| 4386 | 임시의치 B (3~4개)/재료비 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| C3 | 임시의치(1치이초과당) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| 21 | 임시의치(3치기준) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| C3 | 임시의치(3치기준) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| 10328 | 전체의치(CD합금상)a | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| 10328 | 전체의치(CD합금상)b | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분가철성보철수복 | 0 | 1 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신경 1 | 신경 2 | 신경 3 |
|------|---------------------------|-----------|------------|---------------|-------|-------------|----|----|----|----|------|------|------|
| B2 | 즉시의치(INTERIM) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 1 | z | 4 | z | z | z |
| H8 | Tescera Crown | Crown | 크라운 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 4 | z | z | z |
| D4 | Palladium Cast Crown | Crown | 크라운 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 4 | z | z | z |
| D4 | Partial Veneer Gold Crown | Crown | 크라운 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 4 | z | z | z |
| 7529 | lesin core | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 7528 | LUXACORE(POST 대용)/재료20 | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 7528 | LUXACORE(POST 대용)20 | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 8977 | resin core | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 7924 | 레진 코어 | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| E5 | 레진코어 | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| E5 | 접착 아말감 수복 | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 22 | 충진재(Core filling) | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| C3 | 캐스트코어-A | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| C3 | 캐스트코어-B | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| C3 | 캐스트코어-C | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| F6 | 코어 축성 1-1 | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| F6 | 코어 축성 1-2 | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| F6 | 코어 축성 2-1 | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| F6 | 코어 축성 2-2 | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| F6 | 코어 축성 3-1 | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| B2 | 주조용포스트와코어 | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| G7 | 주조포스트 준귀금속(초1) | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위종분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신경 1 | 신경 2 | 신경 3 |
|------|--------------------------------|--------------------------|------------|----------------|-------|-------------|----|----|----|----|------|------|------|
| G7 | 주조포스트(2)커금속(초1) | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| E5 | 주조포스트코어 | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| C3 | 파리포스트 | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 7924 | 포스트 (Screm) | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 7924 | 포스트 (Screm) | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| G7 | 포스트(2)(가H10) | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 4386 | Resin Post | post&core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 4386 | Resin Post /재료비 | post&core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 3319 | 포스트기성품(자보,산재포함) | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| D4 | 핀 유지형 수복 | Pin Retained Restoration | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| H8 | Core Build Up | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 7921 | core max | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 7528 | CORE 간단 | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 7528 | CORE 간단20 | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| H8 | Fiber Post & Core | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| H8 | Post And Core | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 7528 | Post core/재료20 | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 7528 | Post CORE20 | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 4386 | Resin Post | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| 4386 | Resin Post /재료비 | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| E5 | 기성포스트코어 | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| B2 | 보철물 장착을 위한 전단계로 실시하는 Post Core | Post&Core | 치질보강-포스트코어 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위종분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신경 1 | 신경 2 | 신경 3 |
|------|-------------------------------------|-----------|------------|---------------|-------|----------------|----|----|----|----|------|------|------|
| D4 | 보철물 장착을 위한 전단계로 실시하는 Post Core | Post&Core | 치질보강-포스트코어 | I : 치과치 및 수술로 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| A1 | 보철물 장착을 위한 전단계로 실시하는 Post Core | Post&Core | 치질보강-포스트코어 | I : 치과치 및 수술로 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| F6 | 보철물 장착을 위한 전단계로 실시하는 Post Core | Post&Core | 치질보강-포스트코어 | I : 치과치 및 수술로 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| E5 | 보철물 장착을 위한 전단계로 실시하는 Post Core | Post&Core | 치질보강-포스트코어 | I : 치과치 및 수술로 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| A1 | PIn retained amalgam core | Post&Core | 치질보강-포스트코어 | I : 치과치 및 수술로 | C:보철 | C:고정성보철물수복 | 0 | 1 | z | 2 | z | z | z |
| D4 | computer guided surgical stent 제작 | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |
| 4386 | 임플란트(1치당) | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |
| D4 | Implant Dx & Tx Plan | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |
| A1 | Implant Dx.(impression + photo) | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |
| E5 | IMPLANT RECALL | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |
| A1 | Implant repair - screw fracture | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |
| A1 | Implant repair - screw loosening | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |
| D4 | Implant 고정력 측정 | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |
| 3 | Implant 국산Fixture(Ostem) 1,200,000원 | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |
| 3 | Implant 수입 ball Attachment 500,000원 | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |
| A1 | IMPLANT 치치료(70D) | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |
| A1 | Implant(full arch - complex) | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |
| A1 | Implant(full arch - simple) | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |
| A1 | Implant(partial - complex) | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |
| A1 | Implant(partial - simple) | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |
| A1 | Implant(single - complex) | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |
| A1 | Implant(single - simple) | IMPLANT | 임플란트치료 | I : 치과치 및 수술로 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | z | 4 | z | z | z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신정 1 | 신정 2 | 신정 3 |
|-------|------------------------|---------|----------|---------------|-------|----------------|----|----|----|----|------|------|------|
| 7528 | IMPLANT/재료(30%) | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7528 | MS 임플란트 재료3 | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7528 | MS 임플란트 30 | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| 21 | TSIII HA(Fixture) | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 임플란트 | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| F6 | 임플란트제거술(복합;포괄수거) | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| F6 | 임플란트주위치치(Curette;포괄수거) | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| F6 | 임플란트주위치치(Surgery;포괄수거) | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| 10328 | 임플란트 | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| H8 | 임플란트 | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 임플란트 | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| C3 | 임플란트 | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7924 | 임플란트 A | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 임플란트 수술후 결함력측정 | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 임플란트 식립위한 장치 | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 임플란트 정기진료 | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| H8 | 임플란트 진단 | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| 10328 | 임플란트(보훈) | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 임플란트교합조정 | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 임플란트정밀진단및스텐트A | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 임플란트정밀진단및스텐트B | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 임플란트정밀진단및스텐트C | IMPLANT | 임플란트치료 | I : 치과치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 산정 | 산정 | 산정 |
|-------|-------------------------------------|---------|----------|---------------|-------|----------------|----|----|----|----|----|----|----|
| 10330 | 치아매식술(Implant) | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | 특이사항 임플란트 재료비용 포함 금액임 | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Abutment Tooth Alteration | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7165 | Immediate(추가 1개당) | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| 21 | Implant Milling [행위] | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Implant Attachment | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Implant Fixed Provisional | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Implant Overdenture | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Implant Provisional Crown | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Implant repair - framework fracture | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Implant repair - veneer fracture | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Implant screw hole resin filling | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Implant Temporary Crown | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7528 | IMPLANT 매식술(국산)20% | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | IMPLANT 보철비(A) | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | IMPLANT 보철비(B)GOLD | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7528 | IMPLANT/재료(20%) | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| 21 | IMPLANT-PFM 재료 | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| 21 | IMPLANT-PFM 행위 | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| 10328 | 임플란트 | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7924 | 임플란트 A | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7165 | 임플란트(Simple B) | IMPLANT | 임플란트치료 | I : 치과처치및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위종분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신정 1 | 신정 2 | 신정 3 |
|------|-------------------------------------|---------|----------|----------------|-------|-------------------|----|----|----|----|------|------|------|
| D4 | 임플란트-보철 | IMPLANT | 임플란트치료 | I : 치과치치 및 수술료 | C:보철 | D:치과임플란트와 그 보철 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | Coe Soft Relining | Denture | 의치 | I : 치과치치 및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7921 | Denture tooth Repair | Denture | 의치 | I : 치과치치 및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| C3 | OVERDENTURE용 Cap 수리 | Denture | 의치 | I : 치과치치 및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| C3 | OVERDENTURE용 임플란트 수리 | Denture | 의치 | I : 치과치치 및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Reline | Denture | 의치 | I : 치과치치 및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Relining CD, chairside | Denture | 의치 | I : 치과치치 및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Relining CD, chairside(laboratory) | Denture | 의치 | I : 치과치치 및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Relining RPD, chairside | Denture | 의치 | I : 치과치치 및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Relining RPD, chairside(laboratory) | Denture | 의치 | I : 치과치치 및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Remount & Occl. Adjustment | Denture | 의치 | I : 치과치치 및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Removable Partial Denture | Denture | 의치 | I : 치과치치 및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Removal of old restoration | Denture | 의치 | I : 치과치치 및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Removal of Restoration | Denture | 의치 | I : 치과치치 및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Repair Brokened CD | Denture | 의치 | I : 치과치치 및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Repair Denture | Denture | 의치 | I : 치과치치 및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Repair of RPD Clasp | Denture | 의치 | I : 치과치치 및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위종분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신정 | 신정 | 신정 |
|------|---------------------|---------|----------|---------------|-------|-------------------|----|----|----|----|----|----|----|
| A1 | Resetting | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |
| D4 | Tissue Conditioning | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |
| D4 | Try-in & Adjustment | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |
| E5 | 간접의치이장 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |
| E5 | 레진접착가공의치(1치아) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |
| B2 | 리라이닝 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |
| B2 | 리라이닝(복소의치) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |
| B2 | 리베이싱 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |
| B2 | 리베이싱(복소의치) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |
| H8 | 의치 리라이닝 간접법 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |
| H8 | 의치 리라이닝 직접법 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |
| 21 | 의치 수리-B | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |
| E5 | 의치수리 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |
| 21 | 의치수리-A | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |
| E5 | 의치이장 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |
| E5 | 의치정기진료 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |
| B2 | 의치파절수리(본원제작A) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | 타보철물의 제거, 수리 및 조정 | 0 | 1 | z | 4 | z | z | z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위종분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신정 1 | 신정 2 | 신정 3 |
|-------|---------------------------|-------------------|------------|---------------|-------|--------------------|----|----|----|----|------|------|------|
| B2 | 의치파결수리(본원제작)B | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | E:보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 의치파결수리(본원제작)C | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | E:보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 직접의치어장 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | E:보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| H8 | 총 의치 리베이스 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | E:보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 총의치타이코농상 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | E:보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 치관및가공의치수리 | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | E:보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| 10328 | 틀니조정(타병원) | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | E:보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| 10328 | 틀니조정(타병원)a | Denture | 의치 | I : 치과처치및 수술료 | C:보철 | E:보철물의 제거, 수리 및 조정 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 라미네이트 | Pocelain Veneer | 라미네이트 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Ceromer Laminate Veneer | Pocelain Veneer | 라미네이트 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| H8 | I.P.S 라미네이트 | Pocelain Veneer | 라미네이트 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7924 | 보철 라미네이트 | Pocelain Veneer | 라미네이트 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| A1 | Pocelain Laminate Veneer | Pocelain Veneer | 라미네이트 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | Porcelain Laminate Veneer | Pocelain Veneer | 라미네이트 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | Z | 4 | Z | Z | Z |
| H8 | Metal Post & Core® | Post&Core | 치질보강-포스트코어 | I : 치과처치및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 1 | Z | 2 | Z | Z | Z |
| D4 | Provisional Crown | Provisional Crown | 임시치관제작 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 2 | Z | 4 | Z | Z | Z |
| 21 | 임시레진관 | Provisional Crown | 임시치관제작 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 2 | Z | 4 | Z | Z | Z |
| C3 | 임시레진관 | Provisional Crown | 임시치관제작 | I : 치과처치및 수술료 | C:보철 | B:부분기철성보철수복 | 0 | 2 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신정 1 | 신정 2 | 신정 3 |
|------|--------------------------------------|--------------------------|------------|---------------|-------|--------------------|----|----|----|----|------|------|------|
| B2 | 임시레진관(간접)A | Provisional Crown | 임시치관제작 | I : 치과치 및 수술로 | C:보철 | B:부분가철성보철수복 | 0 | 2 | z | 4 | z | z | z |
| B2 | 임시레진관(간접)B | Provisional Crown | 임시치관제작 | I : 치과치 및 수술로 | C:보철 | B:부분가철성보철수복 | 0 | 2 | z | 4 | z | z | z |
| B2 | 임시레진관(간접)C | Provisional Crown | 임시치관제작 | I : 치과치 및 수술로 | C:보철 | B:부분가철성보철수복 | 0 | 2 | z | 4 | z | z | z |
| B2 | 임시레진관(직접)A | Provisional Crown | 임시치관제작 | I : 치과치 및 수술로 | C:보철 | B:부분가철성보철수복 | 0 | 2 | z | 4 | z | z | z |
| B2 | 임시레진관(직접)B | Provisional Crown | 임시치관제작 | I : 치과치 및 수술로 | C:보철 | B:부분가철성보철수복 | 0 | 2 | z | 4 | z | z | z |
| B2 | 임시레진관(직접)C | Provisional Crown | 임시치관제작 | I : 치과치 및 수술로 | C:보철 | B:부분가철성보철수복 | 0 | 2 | z | 4 | z | z | z |
| E5 | 임시치관 | Provisional Crown | 임시치관제작 | I : 치과치 및 수술로 | C:보철 | B:부분가철성보철수복 | 0 | 2 | z | 4 | z | z | z |
| 7528 | 임시치아 | Provisional Crown | 임시치관제작 | I : 치과치 및 수술로 | C:보철 | B:부분가철성보철수복 | 0 | 2 | z | 4 | z | z | z |
| 7528 | 임시치아/재료 | Provisional Crown | 임시치관제작 | I : 치과치 및 수술로 | C:보철 | B:부분가철성보철수복 | 0 | 2 | z | 4 | z | z | z |
| 21 | 임시레진관 | Provisional Crown | 임시치관제작 | I : 치과치 및 수술로 | C:보철 | B:부분가철성보철수복 | 0 | 2 | z | 4 | z | z | z |
| D4 | Resin Jacket Crown | Crown | 임시치관제작 | I : 치과치 및 수술로 | C:보철 | B:부분가철성보철수복 | 0 | 2 | z | 4 | z | z | z |
| B2 | 무치약구개보철,악골보철 | Prosthesis | 악안면보철 | I : 치과치 및 수술로 | C:보철 | C:고정성보철물수복 | 0 | 2 | z | 4 | z | z | z |
| E5 | 핀 유지형 수복 | Pin Retained Restoration | 치질보강-포스트코어 | I : 치과치 및 수술로 | C:보철 | C:고정성보철물수복 | 0 | 2 | z | 2 | z | z | z |
| B2 | 핀(개암) | Pin Retained Restoration | 치질보강-포스트코어 | I : 치과치 및 수술로 | C:보철 | C:고정성보철물수복 | 0 | 2 | z | 2 | z | z | z |
| G7 | 핀(초3) | Pin Retained Restoration | 치질보강-포스트코어 | I : 치과치 및 수술로 | C:보철 | C:고정성보철물수복 | 0 | 2 | z | 2 | z | z | z |
| D4 | Porcelain Repair | Crown | 크라온 | I : 치과치 및 수술로 | C:보철 | E:보철물의 제거, 수리 및 조정 | 0 | 2 | z | 4 | z | z | z |
| A1 | porcelain repair | Crown | 크라온 | I : 치과치 및 수술로 | C:보철 | E:보철물의 제거, 수리 및 조정 | 0 | 2 | z | 4 | z | z | z |
| E5 | 도채수리 | Crown | 크라온 | I : 치과치 및 수술로 | C:보철 | E:보철물의 제거, 수리 및 조정 | 0 | 2 | z | 4 | z | z | z |
| B2 | 악안면보철 | Prosthesis | 악안면보철 | I : 치과치 및 수술로 | C:보철 | C:고정성보철물수복 | 0 | 2 | z | 4 | z | z | z |
| A1 | Auricular, Nasal, Orbital Prosthesis | Prosthesis | 악안면보철 | I : 치과치 및 수술로 | C:보철 | C:고정성보철물수복 | 0 | 2 | z | 4 | z | z | z |
| D4 | Fixed Detachable Bridge | Crown | 크라온 | I : 치과치 및 수술로 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신정 1 | 신정 2 | 신정 3 |
|------|-------------------------------|-------|----------|---------------|-------|-------------|----|----|----|----|------|------|------|
| 7921 | A type Gold Crown | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| D4 | All Ceramic Crown | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| C3 | CERAMIC-CROWN | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| C3 | EMPRESS | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| D4 | Full Veneer Gold Crown | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| A1 | Gold Crown | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| A1 | Gold crown(surveyed) | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| D4 | Gold Frame(in Hybrid Denture) | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| H8 | I.P.S크라운 | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7165 | Inceram Crown | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| D4 | Inceram Crown | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| H8 | Inceram Crown | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| A1 | In-Cream/Empress Crown | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| D4 | Inner Crown | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 4386 | Metal | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7921 | Metal Crown | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 4386 | Metal/재료비 | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 4386 | P F M/재료비 | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 4386 | P F M-[비귀금속] | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7921 | P.F.M | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| A1 | PFG | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7165 | PFG - 구치부 | Crown | 크라운 | I : 치과치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신경 1 | 신경 2 | 신경 3 |
|------|-----------------------------|-------|----------|----------------|-------|-------------|----|----|----|----|------|------|------|
| A1 | PFG (surveyed) | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| A1 | PFG Collarless | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| A1 | PFM | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| 7165 | PFM - 구치부 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| 7165 | PFM (collarless)-전치부 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| A1 | PFM (surveyed) | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| A1 | PFM Collarless | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| 3 | PFM crown A 350000원 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| 22 | PFM 도재전장주조금관(비귀금속) | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| D4 | Pontic | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| D4 | Porcelain Fused Metal (귀금속) | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| H8 | Porcelain Jacket Crown | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| H8 | Porcelain Laminate Veneer | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| A1 | Resin Crown | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| D4 | Resin Facing Cr.- Gold | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| D4 | Resin Facing Cr.- Pd. | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| B2 | SS CROWN | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| 4386 | Super A | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| 4386 | Super A/재료비 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| H8 | Targis Crown | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| E5 | 골드 크라운(Gold crown) | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |
| 7163 | 골드크라운(35만원) | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위종분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신정 1 | 신정 2 | 신정 3 |
|------|-----------------------|-------|----------|----------------|-------|-------------|----|----|----|----|------|------|------|
| B2 | 귀금속도재전장주조관 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| B2 | 귀금속도재전장주조관(PFG) | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| H8 | 금 크라운(부분) | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| H8 | 금 포세린 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| H8 | 금관 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| E5 | 금관 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| B2 | 금합금관(PM) | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| B2 | 금합금관(ST) | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| B2 | 도재관(PLV) | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| E5 | 도재금관 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| 3319 | 도재비귀금속관 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| B2 | 도재자켓관 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| C3 | 도재전장주조관(귀금속)-B-1 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| C3 | 도재전장주조관(비귀금속)-A-1 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| 21 | 도재전장주조관(비귀금속)-A-1 재료대 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| 21 | 도재전장주조관(비귀금속)-A-1 행위료 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| B2 | 도재전장주조관(PFM) | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| 7924 | 메탈 크라운 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| C3 | 메탈주조관 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| 7528 | 보철 METAL 20 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| 7924 | 보철 에이골드 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |
| 7924 | 보철 피에프엠 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수부 | 0 | 3 | z | 4 | z | z | z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위종분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신정 1 | 신정 2 | 신정 3 |
|------|----------------------------|-------|----------|----------------|-------|-------------|----|----|----|----|------|------|------|
| 7528 | 보철(A-TYPE GOLD) | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7528 | 보철(A-TYPE GOLD)/재료 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7528 | 보철(A-TYPE GOLD)/재료20 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7528 | 보철(A-TYPE GOLD)/재료30 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7528 | 보철(A-TYPE GOLD)20 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7528 | 보철(A-TYPE GOLD)30 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7528 | 보철(FULL DENTURE 합금상하)/재료30 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7528 | 보철(METAL)/재료20 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7528 | 보철(PARTIAL DENTURE)/재료20 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7528 | 보철(PFM) | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7528 | 보철(PFM)20 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7528 | 보철(PFM)30 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7528 | 보철재료(PFM)/재료 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7528 | 보철재료(PFM)/재료20 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 7528 | 보철재료(PFM)/재료30 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| E5 | 부분 도재 크라운(PFG) | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| B2 | 비귀금속도재전장주조관 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| E5 | 에스에스 크라운 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| E5 | 완전 도재 크라운(ALL ceramic) | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| E5 | 이중관내관 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| E5 | 전부도재관 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| E5 | 전부도재금관 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위종분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신정 1 | 신정 2 | 신정 3 |
|-------|----------------|-----------|----------|---------------|-------|------------------|----|----|----|----|------|------|------|
| 22 | 주조금관 A재로대별도 | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 21 | 주조금관C 재료대 | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 21 | 주조금관C 행위료 | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| E5 | 지르코니아 크라운(유치) | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 10328 | 크라운 A-type | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 10328 | 크라운 A-type a | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 10328 | 크라운 A-type b | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 10328 | 크라운 SUPER | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 10328 | 크라운 SUPERa | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| H8 | 크라운 메탈 | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| H8 | 크라운 포세린 | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 10328 | 크라운PFM | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 10328 | 크라운PFMa | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 10328 | 크라운PFMb | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 10328 | 크라운메탈 | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 10328 | 크라운메탈a | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 10328 | 크라운메탈b | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 10328 | 포세린메탈 | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| 10328 | 포세린메탈b | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| H8 | 폴리쉬(Polishing) | Polishing | 폴리싱 | I : 치과치 및 수설료 | C:보철 | 보철물의 제거, 수리 및 조형 | 0 | 3 | z | 4 | z | z | z |
| D4 | 소아 레진 파복 개항관 | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| D4 | 소아 스테인레스틸 크라운 | Crown | 크라운 | I : 치과치 및 수설료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류(행위성격) | 기본 | 기본 | 추가 | 급여 | 신정 1 | 신정 2 | 신정 3 |
|------|--------------------|-------|----------|----------------|-------|-------------|----|----|----|----|------|------|------|
| D4 | 소아 영구치 스테인레스스틸 크라운 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |
| D4 | 소아 전치부 레진 전장관 | Crown | 크라운 | I : 치과치치 및 수술료 | C:보철 | C:고정성보철물수복 | 0 | 3 | z | 4 | z | z | z |

비급여-치아교정

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류 (행위성격) | 기본1 | 기본2 | 추가 | 급여 | 신정1 | 신정2 | 신정3 |
|------|-------------------------|----------------------------------|----------------------------|----------------|--------|-----------------|-----|-----|----|----|-----|-----|-----|
| A1 | Miniplate A | Miniplate | Miniplate의 식립 및 제거 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 투명교정장치 장착비[[1약당] | Removable Orthodontic Appliances | 가철성 교정장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 2 | Z | 4 | Z | Z | Z |
| A1 | ABP(교정) | Anterior Bite Plate | 가철성 교합가상장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 3 | Z | 4 | Z | Z | Z |
| H8 | Activator,Eoa,Fr | Activator | 가철성 구강내기능장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 4 | Z | 4 | Z | Z | Z |
| D4 | 액티베이터 | Activator | 가철성 구강내기능장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 4 | Z | 4 | Z | Z | Z |
| D4 | 프랭켈 장치 | Activator | 가철성 구강내기능장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 4 | Z | 4 | Z | Z | Z |
| E5 | 가철식유지장치 | Removable Retainer | 가철성 유지장치 제작 및 시적 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 5 | Z | 4 | Z | Z | Z |
| E5 | 교합장치 조절술 | Removable Orthodontic Appliances | 가철성 장치 조절 및 점검 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 6 | Z | 4 | Z | Z | Z |
| A1 | 가철성보정장치(약당)A | Removable Orthodontic Appliances | 가철성유지장치 제작 및 시적 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 7 | Z | 4 | Z | Z | Z |
| A1 | 가철성보정장치(약당)B | Removable Orthodontic Appliances | 가철성유지장치 제작 및 시적 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 7 | Z | 4 | Z | Z | Z |
| F6 | Band And Loop (A) | Band & Loop | 고정성 공간유지장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 8 | Z | 4 | Z | Z | Z |
| F6 | Band And Loop (B) | Band & Loop | 고정성 공간유지장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 8 | Z | 4 | Z | Z | Z |
| F6 | CROWN AND LOOP (A) | Band & Loop | 고정성 공간유지장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 8 | Z | 4 | Z | Z | Z |
| F6 | CROWN AND LOOP (B) | Band & Loop | 고정성 공간유지장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 8 | Z | 4 | Z | Z | Z |
| F6 | CROWN AND LOOP (C) | Band & Loop | 고정성 공간유지장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 8 | Z | 4 | Z | Z | Z |
| E5 | 간격유지장치료 | Band & Loop | 고정성 공간유지장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 8 | Z | 4 | Z | Z | Z |
| 8976 | 공간유지장치 (Band & Loop | Band & Loop | 고정성 공간유지장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 8 | Z | 4 | Z | Z | Z |
| 8976 | 공간유지장치 (Band & Loop(재료) | Band & Loop | 고정성 공간유지장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 8 | Z | 4 | Z | Z | Z |
| A1 | PBB(교정) | Posterior bite block | 고정성 교합가상장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 9 | Z | 4 | Z | Z | Z |
| A1 | 고정성보정장치A | Fixed retainer | 고정성 유지장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 0 | Z | 4 | Z | Z | Z |
| A1 | 고정성보정장치B | Fixed retainer | 고정성 유지장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 0 | Z | 4 | Z | Z | Z |
| E5 | 고정식유지장치 | Fixed retainer | 고정성 유지장치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 0 | Z | 4 | Z | Z | Z |
| A1 | Debonding A | Debonding | 고정성 장치 및 접착제 제거(Debonding) | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 1 | Z | 4 | Z | Z | Z |
| A1 | Debonding B | Debonding | 고정성 장치 및 접착제 제거(Debonding) | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 1 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류 (행위성격) | 기본1 | 기본2 | 추가 | 급여 | 신정1 | 신정2 | 신정3 |
|------|------------------------|-----------------------------|--------------------------------|---------------|--------|-----------------|-----|-----|----|----|-----|-----|-----|
| H8 | Fixed(1Ea)Retainer Fee | Fixed retainer | 고정성유지장치 부착 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 2 | Z | 4 | Z | Z | Z |
| D4 | 간격유지장치-설측 | Fixed retainer | 고정성유지장치 부착 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 2 | Z | 4 | Z | Z | Z |
| D4 | 유지장치 | Fixed retainer | 고정성유지장치 부착 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 2 | Z | 4 | Z | Z | Z |
| D4 | 치아 강선 고정 | Fixed retainer | 고정성유지장치 부착 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 2 | Z | 4 | Z | Z | Z |
| A1 | 단순교정발치[전치,소구치] | Extractions in orthodontics | 교정발치 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 3 | Z | 4 | Z | Z | Z |
| A1 | 단순교정발치[구치] | Extractions in orthodontics | 교정발치 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 3 | Z | 4 | Z | Z | Z |
| E5 | 교정 발치 | Extractions in orthodontics | 교정발치 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 3 | Z | 4 | Z | Z | Z |
| A1 | Microscrew A | Microscrew | 교정용 임플란트 식립 및 제거 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 4 | Z | 4 | Z | Z | Z |
| A1 | Microscrew B | Microscrew | 교정용 임플란트 식립 및 제거 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 4 | Z | 4 | Z | Z | Z |
| D4 | 교정용 미니스크류 설치로 | Microscrew | 교정용 임플란트 식립 및 제거 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 4 | Z | 4 | Z | Z | Z |
| D4 | 원형호선 | orthodontic wire adjustment | 교정호선삽입, 교정호선조절,교정호선 교체 및 꽃줄 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 5 | Z | 4 | Z | Z | Z |
| A1 | 원형호선A | orthodontic wire adjustment | 교정호선삽입, 교정호선조절,교정호선 교체 및 꽃줄 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 5 | Z | 4 | Z | Z | Z |
| A1 | 원형호선B | orthodontic wire adjustment | 교정호선삽입, 교정호선조절,교정호선 교체 및 꽃줄 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 5 | Z | 4 | Z | Z | Z |
| A1 | 원형호선C | orthodontic wire adjustment | 교정호선삽입, 교정호선조절,교정호선 교체 및 꽃줄 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 5 | Z | 4 | Z | Z | Z |
| A1 | 각형호선A | orthodontic wire adjustment | 교정호선삽입, 교정호선조절,교정호선 교체 및 꽃줄 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 5 | Z | 4 | Z | Z | Z |
| A1 | 각형호선B | orthodontic wire adjustment | 교정호선삽입, 교정호선조절,교정호선 교체 및 꽃줄 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 5 | Z | 4 | Z | Z | Z |
| A1 | 각형호선C | orthodontic wire adjustment | 교정호선삽입, 교정호선조절,교정호선 교체 및 꽃줄 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 5 | Z | 4 | Z | Z | Z |
| D4 | 구개호선 | orthodontic wire adjustment | 교정호선삽입, 교정호선조절,교정호선 교체 및 꽃줄 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 5 | Z | 4 | Z | Z | Z |
| D4 | 각형호선 | orthodontic wire adjustment | 교정호선삽입, 교정호선조절,교정호선 교체 및 꽃줄 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 5 | Z | 4 | Z | Z | Z |
| A1 | Splint Remake | Occlusal Appliance | 교합안정장치 제작 및 시적 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 6 | Z | 4 | Z | Z | Z |
| E5 | 교합스플린트 | Occlusal Appliance | 교합안정장치 제작 및 시적 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 6 | Z | 4 | Z | Z | Z |
| E5 | 교합장치-교합안정장치 | Occlusal Appliance | 교합안정장치 제작 및 시적 | I : 치과치 및 수술로 | D:치과교정 | A:치아교정 | 1 | 6 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류 (행위성격) | 기본1 | 기본2 | 추가 | 급여 | 신정1 | 신정2 | 신정3 |
|------|---------------------------|----------------------------------|--|----------------|--------|-----------------|-----|-----|----|----|-----|-----|-----|
| E5 | 교합장치-교합장치의 조정, 침상, 재 견 | Occlusal Appliance | 교합안정장치 제작 및 시적 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 6 | Z | 4 | Z | Z | Z |
| E5 | 교합장치-연성교합안정장치 | Occlusal Appliance | 교합안정장치 제작 및 시적 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 6 | Z | 4 | Z | Z | Z |
| E5 | 교합장치-전방재위교합장치 | Occlusal Appliance | 교합안정장치 제작 및 시적 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 6 | Z | 4 | Z | Z | Z |
| E5 | 교합장치-즉시전방교합장치 | Occlusal Appliance | 교합안정장치 제작 및 시적 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 6 | Z | 4 | Z | Z | Z |
| A1 | 쿼드헬릭스 | Plate type, Fix type, Quad-helix | 구강 내 확장 장치 제작 (Plate type, Fix type, Quad-helix 등) | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 7 | Z | 4 | Z | Z | Z |
| D4 | 쿼드헬릭스 장치 | Plate type, Fix type, Quad-helix | 구강 내 확장 장치 제작 (Plate type, Fix type, Quad-helix 등) | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 7 | Z | 4 | Z | Z | Z |
| D4 | 구강전정스크린 | Plate type, Fix type, Quad-helix | 구강 내 확장 장치 제작 (Plate type, Fix type, Quad-helix 등) | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 7 | Z | 4 | Z | Z | Z |
| E5 | 구내/안모 사진 촬영(1매당) | Intraoral/extraoral Photo | 구강 외/내, 안모 사진 기록 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 8 | Z | 4 | Z | Z | Z |
| D4 | 인면 및 구내사진촬영 (외모개선) | Intraoral/extraoral Photo | 구강 외/내, 안모 사진 기록 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 8 | Z | 4 | Z | Z | Z |
| A1 | 구외사진 | Intraoral/extraoral Photo | 구강 외/내, 안모 사진 기록 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 8 | Z | 4 | Z | Z | Z |
| A1 | 구내사진 | Intraoral/extraoral Photo | 구강 외/내, 안모 사진 기록 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 8 | Z | 4 | Z | Z | Z |
| D4 | 구개불합부 확대장치 | Plate type, Fix type, Quad-helix | 구강내 확장 장치 시적 및 부착 (고정성) | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 1 | 9 | Z | 4 | Z | Z | Z |
| A1 | 구내 교정장치 A | Intraoral appliance | 구강내교정장치 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 0 | Z | 4 | Z | Z | Z |
| A1 | 구내 교정장치 B | Intraoral appliance | 구강내교정장치 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 1 | Z | 4 | Z | Z | Z |
| A1 | 구내 교정장치 C | Intraoral appliance | 구강내교정장치 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 1 | Z | 4 | Z | Z | Z |
| A1 | 구내 교정장치 D | Intraoral appliance | 구강내교정장치 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 1 | Z | 4 | Z | Z | Z |
| A1 | 구내 교정장치 E | Intraoral appliance | 구강내교정장치 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 1 | Z | 4 | Z | Z | Z |
| A1 | 구내 교정장치 F | Intraoral appliance | 구강내교정장치 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 1 | Z | 4 | Z | Z | Z |
| A1 | 구내 교정장치 G | Intraoral appliance | 구강내교정장치 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 1 | Z | 4 | Z | Z | Z |
| A1 | 구내 교정장치 H | Intraoral appliance | 구강내교정장치 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 1 | Z | 4 | Z | Z | Z |
| A1 | 구내 교정장치 I | Intraoral appliance | 구강내교정장치 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 1 | Z | 4 | Z | Z | Z |
| A1 | 구내 교정장치 J | Intraoral appliance | 구강내교정장치 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 1 | Z | 4 | Z | Z | Z |
| D4 | 공간유지장치 설치 | Intraoral appliance | 구강내장치 삽입 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 1 | Z | 4 | Z | Z | Z |
| D4 | 간격유지장치-밴드루프 | Intraoral appliance | 구강내장치 시적 및 부착 | I : 치과처치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 2 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류 (행위성격) | 기본1 | 기본2 | 추가 | 급여 | 신정1 | 신정2 | 신정3 |
|------|--------------------------------|--|-----------------------------|---------------|--------|-----------------|-----|-----|----|----|-----|-----|-----|
| D4 | 교합관 | Intraoral appliance | 구강내장치 시적 및 부착 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 2 | Z | 4 | Z | Z | Z |
| D4 | 낸스고정 보강장치 | Intraoral appliance | 구강내장치 시적 및 부착 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 2 | Z | 4 | Z | Z | Z |
| D4 | 악습관치단장치 | Intraoral appliance | 구강내장치 시적 및 부착 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 2 | Z | 4 | Z | Z | Z |
| D4 | 헤드기어 | extraoral appliance | 구강외교정장치 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 3 | Z | 4 | Z | Z | Z |
| A1 | 악정형치료A | extraoral appliance | 구강외교정장치 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 3 | Z | 4 | Z | Z | Z |
| A1 | 악정형치료B | extraoral appliance | 구강외교정장치 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 3 | Z | 4 | Z | Z | Z |
| A1 | 악정형치료C | extraoral appliance | 구강외교정장치 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 3 | Z | 4 | Z | Z | Z |
| F6 | LINGUAL ARCH (A) | LINGUAL ARCH | 구개 및 설측호선 제작 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 4 | Z | 4 | Z | Z | Z |
| F6 | LINGUAL ARCH (B) | LINGUAL ARCH | 구개 및 설측호선 제작 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 4 | Z | 4 | Z | Z | Z |
| A1 | 설측호선(TWA-TPA) | LINGUAL ARCH | 구개 및 설측호선 제작 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 4 | Z | 4 | Z | Z | Z |
| H8 | Labial Orthodontic 순측교정 | Labial Orthodontic/Lingual Orthodontic | 구내 교정장치 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 5 | Z | 4 | Z | Z | Z |
| H8 | Lingual Orthodontic 설측교정 | Labial Orthodontic/Lingual Orthodontic | 구내 교정장치 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 5 | Z | 4 | Z | Z | Z |
| D4 | 리버스 헤드기어 | extraoral appliance | 구강외장치 시적 및 조절 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 6 | Z | 4 | Z | Z | Z |
| D4 | 페이스 마스크 | extraoral appliance | 구강외장치 시적 및 조절 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 6 | Z | 4 | Z | Z | Z |
| E5 | 대구치직립이동 | Uprighting Tilted Molar | 대구치직립이동 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 0 | 1 | Z | 2 | Z | Z | Z |
| E5 | 교정과 두부촬영 | Radiography | 두부방사선 사진 촬영 (측면, 정면, SMV 등) | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 7 | Z | 4 | Z | Z | Z |
| E5 | 교정과 악골촬영 | Radiography | 두부방사선 사진 촬영 (측면, 정면, SMV 등) | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 7 | Z | 4 | Z | Z | Z |
| A1 | 밴드재제작 | Band & Loop | 밴드 제작, 밴드 재부착 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 8 | Z | 4 | Z | Z | Z |
| D4 | 브라켓 재점착 | Dental Bracket Re-setting | 브라켓 제거 및 재부착 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 9 | Z | 4 | Z | Z | Z |
| A1 | 브라켓재부착(1치당) | Dental Bracket Re-setting | 브라켓 제거 및 재부착 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 2 | 9 | Z | 4 | Z | Z | Z |
| H8 | Esthetic Bracket Self-Ligating | Dental Bracket setting | 브라켓부착 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 0 | Z | 4 | Z | Z | Z |
| A1 | 고정식교정장치(악당)A | Dental Bracket setting | 브라켓부착 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 0 | Z | 4 | Z | Z | Z |
| A1 | 고정식교정장치(악당)B | Dental Bracket setting | 브라켓부착 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 0 | Z | 4 | Z | Z | Z |
| A1 | 고정식교정장치(악당)C | Dental Bracket setting | 브라켓부착 | I : 치과치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 0 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류 (행위성격) | 기본1 | 기본2 | 추가 | 급여 | 신정1 | 신정2 | 신정3 |
|------|-------------------------------|-------------------------------|------------|----------------|--------|-----------------|-----|-----|----|----|-----|-----|-----|
| A1 | 도제브라켓(추가) | Dental Bracket setting | 브라켓부착 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 0 | Z | 4 | Z | Z | Z |
| A1 | 설측교정장치(악당)A | Dental Bracket setting | 브라켓부착 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 0 | Z | 4 | Z | Z | Z |
| A1 | 설측교정장치(악당)B | Dental Bracket setting | 브라켓부착 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 0 | Z | 4 | Z | Z | Z |
| E5 | 설측교정치료 | Dental Bracket setting | 브라켓부착 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 0 | Z | 4 | Z | Z | Z |
| E5 | 세라믹 브라켓 장치료(1악) | Dental Bracket setting | 브라켓부착 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 0 | Z | 4 | Z | Z | Z |
| E5 | 외과적 오픈 엔 디비에스(간단) | Dental Bracket setting | 브라켓부착 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 0 | Z | 4 | Z | Z | Z |
| D4 | 소아 교정장치 | Orthodontic Appliances(child) | 소아교정 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 1 | Z | 4 | Z | Z | Z |
| D4 | 소아 교정장치 Repair, 복잡 | Orthodontic Appliances(child) | 소아교정 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 1 | Z | 4 | Z | Z | Z |
| D4 | 소아 유치교정 Monthly Treatment Fee | Orthodontic Appliances(child) | 소아교정 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 1 | Z | 4 | Z | Z | Z |
| D4 | 소아교정 | Orthodontic Appliances(child) | 소아교정 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 1 | Z | 4 | Z | Z | Z |
| D4 | 소아교정진단 | Orthodontic Appliances(child) | 소아교정 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 1 | Z | 4 | Z | Z | Z |
| A1 | 헤드기어A | Orthodontic Appliances(child) | 소아교정 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 1 | Z | 4 | Z | Z | Z |
| A1 | 헤드기어B | Orthodontic Appliances(child) | 소아교정 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 1 | Z | 4 | Z | Z | Z |
| D4 | 소아 교정장치 Repair, 단순 | Orthodontic Appliances(child) | 소아교정치료 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 2 | Z | 4 | Z | Z | Z |
| D4 | 소아 월교정비 | Orthodontic Appliances(child) | 소아교정치료 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 2 | Z | 4 | Z | Z | Z |
| D4 | 소아 국소의치 | Denture(child) | 소아국소의치 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 3 | Z | 4 | Z | Z | Z |
| A1 | Surgical splint | Surgical splint | 수술용 웨이퍼 제작 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 4 | Z | 4 | Z | Z | Z |
| E5 | 악간교정술 | Intermaxillary Fixation | 악간교정술 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 5 | Z | 4 | Z | Z | Z |
| E5 | 리테이너 체크 | Retainer check | 유지장치 검사 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 6 | Z | 4 | Z | Z | Z |
| A1 | 진단모형제작B | Impression&diagnosis | 인상채득및진단 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 7 | Z | 4 | Z | Z | Z |
| F6 | 특수진단분석 | Impression&diagnosis | 인상채득및진단 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 7 | Z | 4 | Z | Z | Z |
| A1 | 진단 및 치료계획A | Impression&diagnosis | 인상채득및진단 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 7 | Z | 4 | Z | Z | Z |
| D4 | 인상채득(1악) | Impression&diagnosis | 인상채득및진단 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 7 | Z | 4 | Z | Z | Z |
| E5 | 교정 인상 채득(1악당) | Impression&diagnosis | 인상채득및진단 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 7 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류 (행위성격) | 기본1 | 기본2 | 추가 | 급여 | 신정1 | 신정2 | 신정3 |
|------|---------------------------------|----------------------|--------------|----------------|--------|-----------------|-----|-----|----|----|-----|-----|-----|
| A1 | 작업모형제작(1악)A | Impression&diagnosis | 인상채득및진단 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 7 | Z | 4 | Z | Z | Z |
| A1 | 작업모형제작(1악)B | Impression&diagnosis | 인상채득및진단 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 7 | Z | 4 | Z | Z | Z |
| A1 | 진단모형제작A | Impression&diagnosis | 인상채득및진단 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 7 | Z | 4 | Z | Z | Z |
| D4 | Consultation(교정) | Consultation | 임상검사 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 8 | Z | 4 | Z | Z | Z |
| H8 | Data Fee-Consultation | Consultation | 임상검사 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 8 | Z | 4 | Z | Z | Z |
| 8976 | 외상 splint용 레진 | Resin splint | 접착용레진 부착 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 3 | 9 | Z | 4 | Z | Z | Z |
| D4 | 교정 웰 치치료 | Check | 정기검사 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 4 | 0 | Z | 4 | Z | Z | Z |
| H8 | Data Fee-Analysis And Diagnosis | Diagnosis | 진단 및 치료계획 설정 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 4 | 1 | Z | 4 | Z | Z | Z |
| D4 | 교정진단 | Diagnosis | 진단 및 치료계획 설정 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 4 | 1 | Z | 4 | Z | Z | Z |
| D4 | 진단/치료계획(교합기이용) | Diagnosis | 진단 및 치료계획 설정 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 4 | 1 | Z | 4 | Z | Z | Z |
| D4 | 진단 모형제작 | Study Model | 진단모형제작 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 4 | 2 | Z | 4 | Z | Z | Z |
| H8 | Data Fee-Study Model | Study Model | 진단모형제작 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 4 | 2 | Z | 4 | Z | Z | Z |
| E5 | STRIPPING(1차) | STRIPPING | 치간삭제술 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 4 | 3 | Z | 4 | Z | Z | Z |
| E5 | 교정과 파노라마 촬영 | Radiography | 방사선촬영 | I : 치과치치 및 수술료 | D:치과교정 | A:치아교정 | 4 | 4 | Z | 4 | Z | Z | Z |

비급여-구강내과

| 분류번호 | 한글명 | 영문명 | 비급여통행위명 | 장구분 | 행위내분 류 | 행위중분류(행위성격) | 기본 기 1 | 기본 기 2 | 추가 | 급여 | 산정 산정 1 | 산정 산정 2 | 산정 산정 3 |
|------|------------------------------|-------------------------------|----------------|---------------|-----------|----------------|--------------|--------------|----|----|---------------|---------------|---------------|
| H8 | Cr Splint | Occlusal Appliance | 교합안정장치 제작 및 시적 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 2 | Z | 2 | Z | Z | Z |
| E5 | CR SPLINT | Occlusal Appliance | 교합안정장치 제작 및 시적 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 2 | Z | 2 | Z | Z | Z |
| H8 | Occlusal Splint | Occlusal Appliance | 교합안정장치 제작 및 시적 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 2 | Z | 2 | Z | Z | Z |
| H8 | Splint | Occlusal Appliance | 교합안정장치 제작 및 시적 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 2 | Z | 2 | Z | Z | Z |
| H8 | 교합 안정장치 치료술 | Occlusal Appliance | 교합안정장치 제작 및 시적 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 2 | Z | 2 | Z | Z | Z |
| H8 | 턱관절 스프린트(T-M Joint Splint C) | Occlusal Appliance | 교합안정장치 제작 및 시적 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 2 | Z | 2 | Z | Z | Z |
| 21 | 악관절 유도 장치-A | Occlusal Appliance | 교합안정장치 제작 및 시적 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 2 | Z | 2 | Z | Z | Z |
| E5 | 구강보호장치 | Mouth Protector | 구강보호장치 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 마우스가드 | Mouth Protector | 구강보호장치 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 금속교합안정장치 | Metal Splint | 금속교합안정장치 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 2 | Z | 4 | Z | Z | Z |
| 21 | 메디톡스주사200단위(메디톡스) | Botox injection | 보톡스 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 3 | Z | 4 | Z | Z | Z |
| E5 | 보톡스주사(치과) | Botox injection | 보톡스 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 3 | Z | 4 | Z | Z | Z |
| F6 | 보툴리눔독신 안면근주사법(A) | Botox injection | 보톡스 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 3 | Z | 4 | Z | Z | Z |
| F6 | 보툴리눔독신 안면근주사법(B) | Botox injection | 보톡스 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 3 | Z | 4 | Z | Z | Z |
| H8 | 수술용 교합 안정장치 | Surgical splint | 수술용 스프린트 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 0 | 4 | Z | 4 | Z | Z | Z |
| D4 | 이갈이장치 | Bruxism Appliance | 이갈이장치 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 1 | Z | 2 | Z | Z | Z |
| E5 | 이갈이장치 | Bruxism Appliance | 이갈이장치 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 1 | Z | 2 | Z | Z | Z |
| A1 | TMJ AR splint | Anterior Repositioning Splint | 전방재위치교합장치 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 5 | Z | 2 | Z | Z | Z |
| A1 | TMJ AR splint Delivery | Anterior Repositioning Splint | 전방재위치교합장치 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 5 | Z | 2 | Z | Z | Z |
| E5 | 코골이장치 | Snoring Appliance | 코골이장치 | I : 치과처치및 수술료 | E:구강내과 | A:측두하악장애 및 안면통 | 1 | 8 | Z | 2 | Z | Z | Z |

비급여-구강악안면수술 및 처치

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류(행위성격) | 기부 1 | 기부 2 | 추가 | 급여 | 사전 1 | 사전 2 | 사전 3 |
|------|----------------------------|---|----------|---------------|----------------|-------------|------|------|----|----|------|------|------|
| E5 | 신속한 교정치료를 위한 피질골절단술 | Corticotomy for surgically assisted rapid orthodontic treatment | 골절제술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 직출술 | 4 | 0 | Z | 2 | Z | Z | Z |
| E5 | 과도교합제거술 | Occlusal Equilibration | 과도교합제거술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 직출술 | 0 | 1 | Z | 4 | Z | Z | Z |
| F6 | 하악우각부절삭(편측:간단) | Mandibular Condylectomy | 과두절제술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 직출술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 하악우각부절삭(편측:복잡) | Mandibular Condylectomy | 과두절제술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 직출술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 하악우각부절삭(편측:특수) | Mandibular Condylectomy | 과두절제술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 직출술 | 0 | 2 | Z | 4 | Z | Z | Z |
| D4 | 근육내 이물적출술 (미용목적) | 불명 | 근육내이물적출술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 직출술 | 0 | 3 | Z | 4 | Z | Z | Z |
| D4 | 금속나사제거술 (외모개선) | Removal of Implant for Internal Fixation | 금속나사제거술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 직출술 | 0 | 4 | Z | 4 | Z | Z | Z |
| H8 | 금속 나사 제거술 | Removal of Implant for Internal Fixation | 금속나사제거술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 직출술 | 0 | 4 | Z | 4 | Z | Z | Z |
| F6 | 금속나사제거술(간단) | Removal of Implant for Internal Fixation | 금속나사제거술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 직출술 | 0 | 4 | Z | 4 | Z | Z | Z |
| F6 | 금속나사제거술(복잡) | Removal of Implant for Internal Fixation | 금속나사제거술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 직출술 | 0 | 4 | Z | 4 | Z | Z | Z |
| F6 | 금속나사제거술(특수) | Removal of Implant for Internal Fixation | 금속나사제거술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 직출술 | 0 | 4 | Z | 4 | Z | Z | Z |
| D4 | Mandb. Resection Comp./PII | Mandibulectomy | 하악절제술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | A:절제 혹은 직출술 | 0 | 5 | Z | 4 | Z | Z | Z |
| F6 | 두개악간고정술 | Intermaxillary Fixation | 악간고정술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 징복술 | 0 | 1 | Z | 4 | Z | Z | Z |
| H8 | 악간 고정 제거술 | Intermaxillary Fixation | 악간고정술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 징복술 | 0 | 1 | Z | 4 | Z | Z | Z |
| F6 | 악간고정술 | Intermaxillary Fixation | 악간고정술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 징복술 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 레진스프린트(한개치이당) | Composite resin splint | 잠간고정술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | B:고정 혹은 징복술 | 0 | 2 | Z | 4 | Z | Z | Z |
| D4 | 치아양치를 위한 개창술 | Osteoplasty | 골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 1 | Z | 4 | Z | Z | Z |
| F6 | 관골삭제술(편측:단순) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 관골삭제술(편측:복잡) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 관골융기술(편측) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| D4 | 상악골 골절 정복술, 방법별 (외모개선) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골-관골성형술(간단) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골-관골성형술(복잡) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류(행위성격) | 기부 1 | 기부 2 | 추가 | 급여 | 사점 1 | 사점 2 | 사점 3 |
|------|-------------------|---------------------------|----------|---------------|----------------|-------------|------|------|----|----|------|------|------|
| F6 | 상악골성형술(골이식) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골성형술(단순) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골성형술(복합) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골신장술 | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골이단술 | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골이단술(LeI-2:간단) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골이단술(LeI-2:골이식) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골이단술(LeI-2:복합) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골이단술(LeI-3:간단) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골이단술(LeI-3:골이식) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골이단술(LeI-3:복합) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골이단술(LeI-1:간단) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골이단술(LeI-1:골이식) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골이단술(LeI-1:복합) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골절개술(가) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| F6 | 상악골절개술(나) | Maxillary Plasty | 관골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 2 | Z | 4 | Z | Z | Z |
| A1 | 교근축소술 | 불명 | 교근축소술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 3 | Z | 4 | Z | Z | Z |
| F6 | 구개범인두성형술 | Uvulopalatopharyngoplasty | 구개범인두성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 4 | Z | 4 | Z | Z | Z |
| F6 | 구개범인두성형술(2차) | Uvulopalatopharyngoplasty | 구개범인두성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 4 | Z | 4 | Z | Z | Z |
| F6 | 구개범인두성형술(구개성형동반) | Uvulopalatopharyngoplasty | 구개범인두성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 4 | Z | 4 | Z | Z | Z |
| F6 | 구개범인두성형술(상부) | Uvulopalatopharyngoplasty | 구개범인두성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 4 | Z | 4 | Z | Z | Z |
| D4 | 보철전 구강전정성형술 | palatoplasty | 구개성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 5 | Z | 4 | Z | Z | Z |
| D4 | 보철전 치조골축소술 | palatoplasty | 구개성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 5 | Z | 4 | Z | Z | Z |
| D4 | 보철전 치조신경이전술 | palatoplasty | 구개성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 5 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위내분류 | 행위중분류(행위성격) | 기본 1 | 기본 2 | 추가 | 급여 | 사점 1 | 사점 2 | 사점 3 |
|------|------------------------------|---------------------|----------|---------------|----------------|-------------|------|------|----|----|------|------|------|
| A1 | 분절판이동술(치과) | palatoplasty | 구개성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 5 | Z | 4 | Z | Z | Z |
| F6 | 분절악이동술(하악전치:1단) | palatoplasty | 구개성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 5 | Z | 4 | Z | Z | Z |
| F6 | 비익신생술 | palatoplasty | 구개성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 5 | Z | 4 | Z | Z | Z |
| F6 | 치조구개열수술(양측성) | palatoplasty | 구개성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 5 | Z | 4 | Z | Z | Z |
| F6 | 치조구개열수술(일측성) | palatoplasty | 구개성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 5 | Z | 4 | Z | Z | Z |
| D4 | Paint Prosthesis Only | palatoplasty | 구개형성술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 5 | Z | 4 | Z | Z | Z |
| D4 | Palatal Splint(외모개선) | palatoplasty | 구개형성술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 5 | Z | 4 | Z | Z | Z |
| D4 | Partial Lift Appliance | palatoplasty | 구개형성술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 5 | Z | 4 | Z | Z | Z |
| D4 | Partial Removal of Extension | palatoplasty | 구개형성술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 5 | Z | 4 | Z | Z | Z |
| D4 | 2차 구순열 변형교정수술, 방법별 (외모개선) | cheilostomatoplasty | 구순성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 4 | Z | Z | Z |
| F6 | ABBE'''S구순성형술(1차) | cheilostomatoplasty | 구순성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 4 | Z | Z | Z |
| F6 | ABBE'''S구순성형술(2차) | cheilostomatoplasty | 구순성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 4 | Z | Z | Z |
| F6 | ABBE'''S구순성형술(3차) | cheilostomatoplasty | 구순성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 4 | Z | Z | Z |
| D4 | Cranioptasty(외모개선) | cheilostomatoplasty | 구순성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 4 | Z | Z | Z |
| F6 | 구개성형술2차술(복잡) | cheilostomatoplasty | 구순성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 4 | Z | Z | Z |
| F6 | 구순열2차비성형술(간단) | cheilostomatoplasty | 구순성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 4 | Z | Z | Z |
| F6 | 구순열2차비성형술(복잡) | cheilostomatoplasty | 구순성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 4 | Z | Z | Z |
| F6 | 구순열2차성형술(단순) | cheilostomatoplasty | 구순성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 4 | Z | Z | Z |
| F6 | 구순열2차성형술(복잡) | cheilostomatoplasty | 구순성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 4 | Z | Z | Z |
| F6 | 구순열3차비성형술(특수) | cheilostomatoplasty | 구순성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 4 | Z | Z | Z |
| F6 | 구순열3차비성형술(간단) | cheilostomatoplasty | 구순성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 4 | Z | Z | Z |
| F6 | 구순열3차비성형술(복잡) | cheilostomatoplasty | 구순성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 4 | Z | Z | Z |
| F6 | 기타구순성형술(간단) | cheilostomatoplasty | 구순성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 4 | Z | Z | Z |
| F6 | 기타구순성형술(복잡) | cheilostomatoplasty | 구순성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류(행위성격) | 기분 1 | 기분 2 | 추가 | 급여 | 사점 1 | 사점 2 | 사점 3 |
|------|------------------------------------|---------------------|----------|---------------|----------------|-------------|------|------|----|----|------|------|------|
| F6 | 기타구순성형술(특수) | cheilostomatoplasty | 구순성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 6 | Z | 4 | Z | Z | Z |
| F6 | 반흔교정술(2cm) | Keloplasty | 반흔성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 7 | Z | 4 | Z | Z | Z |
| F6 | 반흔교정술(구강주위) | Keloplasty | 반흔성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 7 | Z | 4 | Z | Z | Z |
| F6 | 반흔교정술(복잡) | Keloplasty | 반흔성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 7 | Z | 4 | Z | Z | Z |
| F6 | 인면반흔교정술(2cm) | Keloplasty | 반흔성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 7 | Z | 4 | Z | Z | Z |
| F6 | 인면반흔교정술(구강주위) | Keloplasty | 반흔성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 7 | Z | 4 | Z | Z | Z |
| F6 | 인면반흔교정술(복잡) | Keloplasty | 반흔성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 7 | Z | 4 | Z | Z | Z |
| D4 | Laser Scar Resurfacing, 범위별 (미용목적) | Keloplasty | 반흔성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 7 | Z | 4 | Z | Z | Z |
| D4 | 반흔절제술, 부위별, 범위별 (외모개선) | Keloplasty | 반흔성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 7 | Z | 4 | Z | Z | Z |
| E5 | 상악동 거상술(임프린트 1개) | Sinus lift | 상악동거상술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 8 | Z | 4 | Z | Z | Z |
| B2 | 상악동거상술 | Sinus lift | 상악동거상술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 8 | Z | 4 | Z | Z | Z |
| E5 | 상악동꿀이식술(재로비별도) | Sinus lift | 상악동거상술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 8 | Z | 4 | Z | Z | Z |
| D4 | 임플란트를 위한 상악동거상술 | Sinus lift | 상악동거상술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 8 | Z | 4 | Z | Z | Z |
| A1 | Window opening | Window opening | 상악동천공술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 8 | Z | 4 | Z | Z | Z |
| E5 | 거대설축소술 | 불명 | 설축소술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 9 | Z | 4 | Z | Z | Z |
| F6 | 설축소성형술(간단) | 불명 | 설축소술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 9 | Z | 4 | Z | Z | Z |
| F6 | 설축소성형술(복잡) | 불명 | 설축소술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 0 | 9 | Z | 4 | Z | Z | Z |
| F6 | 신경문합술(간단) | Nerve anastomosis | 신경문합술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 0 | Z | 4 | Z | Z | Z |
| F6 | 신경문합술(복잡) | Nerve anastomosis | 신경문합술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 0 | Z | 4 | Z | Z | Z |
| F6 | 신경블록(간단) | Nerve anastomosis | 신경문합술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 0 | Z | 4 | Z | Z | Z |
| F6 | 신경블록(복잡) | Nerve anastomosis | 신경문합술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 0 | Z | 4 | Z | Z | Z |
| F6 | 신경소작술(간단) | Nerve anastomosis | 신경문합술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 0 | Z | 4 | Z | Z | Z |
| F6 | 신경소작술(복잡) | Nerve anastomosis | 신경문합술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 0 | Z | 4 | Z | Z | Z |
| F6 | 신경이식술(간단) | Nerve anastomosis | 신경문합술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 0 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위내분류 | 행위중분류(행위성격) | 기부 1 | 기부 2 | 추가 | 급여 | 사건 1 | 사건 2 | 사건 3 |
|------|--------------------------|----------------------|----------|---------------|----------------|-------------|------|------|----|----|------|------|------|
| F6 | 신경이식술(복잡) | Nerve anastomosis | 신경문합술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 0 | Z | 4 | Z | Z | Z |
| F6 | 신경절단술(안외하) | Nerve anastomosis | 신경문합술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 0 | Z | 4 | Z | Z | Z |
| F6 | 신경절단술(하치조) | Nerve anastomosis | 신경문합술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 0 | Z | 4 | Z | Z | Z |
| F6 | 신경조성형술(간단) | Nerve anastomosis | 신경문합술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 0 | Z | 4 | Z | Z | Z |
| F6 | 신경조성형술(복잡) | Nerve anastomosis | 신경문합술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 0 | Z | 4 | Z | Z | Z |
| F6 | 이식신경절취(간단) | Nerve anastomosis | 신경문합술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 0 | Z | 4 | Z | Z | Z |
| F6 | 이식신경절취(복잡) | Nerve anastomosis | 신경문합술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 0 | Z | 4 | Z | Z | Z |
| D4 | simulation surgery(모의수술) | Maxillary Plasty | 악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 1 | Z | 4 | Z | Z | Z |
| D4 | 골형성 및 골절제술 (외모개선) | Maxillary Plasty | 악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 1 | Z | 4 | Z | Z | Z |
| D4 | 전두골 골절 정복술 (외모개선) | Maxillary Plasty | 악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 1 | Z | 4 | Z | Z | Z |
| D4 | 협골절수술, 방범법 (외모개선) | Maxillary Plasty | 악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 1 | Z | 4 | Z | Z | Z |
| D4 | 협골골 골절 정복술 (외모개선) | Maxillary Plasty | 악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 1 | Z | 4 | Z | Z | Z |
| D4 | 협골성형술(외모개선) | Maxillary Plasty | 악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 1 | Z | 4 | Z | Z | Z |
| D4 | 협골축수술, 수술방범법 (외모개선) | Maxillary Plasty | 악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 1 | Z | 4 | Z | Z | Z |
| A1 | 반악수술(치과) | Orthognathic Surgery | 악교정수술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 2 | Z | 4 | Z | Z | Z |
| E5 | 악골기형근치술 | Orthognathic Surgery | 악교정수술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 2 | Z | 4 | Z | Z | Z |
| D4 | 악골성형술(외모개선) | Orthognathic Surgery | 악교정수술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 2 | Z | 4 | Z | Z | Z |
| A1 | 양악수술(치과) | Orthognathic Surgery | 악교정수술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 2 | Z | 4 | Z | Z | Z |
| D4 | 턱 성형술, 수술방범법 (외모개선) | Orthognathic Surgery | 악교정수술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 2 | Z | 4 | Z | Z | Z |
| D4 | 하악, 상악 악교정수술 | Orthognathic Surgery | 악교정수술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 2 | Z | 4 | Z | Z | Z |
| D4 | 하악골 성형술 (외모개선) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| D4 | 하악골 시상 골절술 (외모개선) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| D4 | 하악골 우각부성형술(외모개선) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| D4 | 하악골 이부성형술(외모개선) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류(행위성격) | 기분 1 | 기분 2 | 추가 | 급여 | 사점 1 | 사점 2 | 사점 3 |
|------|-----------------------------------|----------------------|-------------|---------------|----------------|-----------------------------|------|------|----|----|------|------|------|
| F6 | 하악골절과행적절골술(가두부위체외전구분:납세방법)(범정부급여) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| F6 | 하악골성형술(간단) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| F6 | 하악골성형술(골이식) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| F6 | 하악골성형술(골재:편측:간단) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| F6 | 하악골성형술(골재:편측:복잡) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| F6 | 하악골성형술(골재부:골이식) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| F6 | 하악골성형술(복잡) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| F6 | 하악골성형술(시상분할, 특수) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| F6 | 하악골성형술(시상분할:간단) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| F6 | 하악골성형술(수직골분할:복잡) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| F6 | 하악골성형술(수직분할, 특수) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| F6 | 하악골성형술(수직분할:간단) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| F6 | 하악골성형술(이부:2단) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| F6 | 하악골성형술(이부:특수) | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| F6 | 하악골신장술 | Mandibuloplasty | 하악골성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 3 | Z | 4 | Z | Z | Z |
| F6 | WAFER (A) | Orthognathic Surgery | 악교정수술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 4 | Z | 4 | Z | Z | Z |
| F6 | WAFER (B) | Orthognathic Surgery | 악교정수술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 4 | Z | 4 | Z | Z | Z |
| E5 | 악간교정제거술 | Orthognathic Surgery | 악교정수술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 4 | Z | 4 | Z | Z | Z |
| D4 | 악간교정제거술, 수술방법별 (외모개선) | Orthognathic Surgery | 악교정수술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 4 | Z | 4 | Z | Z | Z |
| A1 | 이부성형술(치과) | Genioplasty | 이부성형술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | C:치환 혹은 성형술 | 1 | 5 | Z | 4 | Z | Z | Z |
| E5 | 발치외보존술(재외보존도) | Socket preservation | 발치외보존술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | D:발치 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 후구치수술 | Distal molar surgery | 제8대구치수술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | D:발치 | 0 | 2 | Z | 4 | Z | Z | Z |
| 7924 | 골이식 A | BONE GREAT | 골이식술,연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불활, 절개, 패쇄, 이식 등 기타수술 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7924 | 골이식 B | BONE GREAT | 골이식술,연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | E:수염, 불활, 절개, 패쇄, 이식 등 기타수술 | 0 | 1 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위내분류 | 행위중분류(행위성격) | 기본 1 | 기본 2 | 추가 | 급여 | 사견 1 | 사견 2 | 사견 3 |
|------|--|---------------------------|-------------|---------------|----------------|-----------------------------|------|------|----|----|------|------|------|
| 7528 | BONE GRAFT30 | BONE GREAT | 골이식술,연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7528 | BONE GREAT/재료30 | BONE GREAT | 골이식술,연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 0 | 1 | Z | 4 | Z | Z | Z |
| 4386 | 골이식 동종골이식 | BONE GREAT | 골이식술,연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 0 | 1 | Z | 4 | Z | Z | Z |
| 4386 | 골이식동종골이식/재료비 | BONE GREAT | 골이식술,연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 0 | 1 | Z | 4 | Z | Z | Z |
| D4 | 골재생 유도술 (외모개선) | BONE GREAT | 골이식술,연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 생체조직처리된 자기골이식술 [골형단백(BMP)을 추출하여 시행하는 경우] | BONE GREAT | 골이식술,연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 2 | 1 | Z | 2 | Z | Z | Z |
| 7528 | BONE GRAFT20 | BONE GREAT | 골이식술,연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 0 | 1 | Z | 4 | Z | Z | Z |
| 7528 | BONE GREAT/재료20 | BONE GREAT | 골이식술,연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 0 | 1 | Z | 4 | Z | Z | Z |
| F6 | GORE TEX 제거술 | BONE GREAT | 골이식술,연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 0 | 1 | Z | 4 | Z | Z | Z |
| F6 | 잇몸노출교정술(간단) | Correction of Gummy Smile | 잇몸노출교정술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 0 | 2 | Z | 4 | Z | Z | Z |
| D4 | Laser Doppler flowmetry | Gingival Graft | 연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 0 | 3 | Z | 4 | Z | Z | Z |
| F6 | 치조제 피부이식술(간단) | Gingival Graft | 연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 0 | 3 | Z | 4 | Z | Z | Z |
| F6 | 치조제 피부이식술(복잡) | Gingival Graft | 연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 0 | 3 | Z | 4 | Z | Z | Z |
| F6 | 치조제용기술점막이식(간단) | Gingival Graft | 연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 0 | 3 | Z | 4 | Z | Z | Z |
| F6 | 치조제용기술점막이식(복잡) | Gingival Graft | 연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 0 | 3 | Z | 4 | Z | Z | Z |
| F6 | 치주인공골이식술(간단) | Bone Graft | 연조직이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 0 | 3 | Z | 4 | Z | Z | Z |
| D4 | 자기치아 이식술 | Tooth Autotransplantation | 자기치아이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 2 | 1 | Z | 2 | Z | Z | Z |
| E5 | 자기치아이식술 | Tooth Autotransplantation | 자기치아이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기타소수술 | 2 | 1 | Z | 2 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위종분류(행위성격) | 기부 1 | 기부 2 | 추가 | 급여 | 사점 1 | 사점 2 | 사점 3 |
|------|-------------------|--|------------------|---------------|----------------|----------------------------|------|------|----|----|------|------|------|
| H8 | 자기치아이식술 | Tooth Autotransplantation | 자기치아이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기탁수술 | 2 | 1 | Z | 2 | Z | Z | Z |
| G7 | 치아이식술 [1치당] (초82) | Tooth Autotransplantation | 자기치아이식술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기탁수술 | 2 | 1 | Z | 2 | Z | Z | Z |
| A1 | 측두근축소술 | 불명 | 측두근축소술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기탁수술 | 0 | 4 | Z | 4 | Z | Z | Z |
| A1 | 치관노출술 [1치당] | Surgical Uncovering | 치관노출술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기탁수술 | 2 | 4 | Z | 2 | Z | Z | Z |
| G7 | 치관노출술(1치당)(처41) | Surgical Uncovering | 치관노출술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기탁수술 | 2 | 4 | Z | 2 | Z | Z | Z |
| F6 | 치관노출술 [1치당] | Surgical Uncovering | 치관노출술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기탁수술 | 2 | 4 | Z | 2 | Z | Z | Z |
| B2 | 치관노출술 [1치당] | Surgical Uncovering | 치관노출술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기탁수술 | 2 | 4 | Z | 2 | Z | Z | Z |
| D4 | 치관노출술 [1치당] | Surgical Uncovering | 치관노출술 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | 도수염, 봉합, 절개, 패쇄, 이식 등 기탁수술 | 2 | 4 | Z | 2 | Z | Z | Z |
| D4 | 환자사진, 정영(환자 제공용) | Intraoral/extraoral Photo | 구강 외/내, 안모 사진 기록 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 1 | Z | 4 | Z | Z | Z |
| B2 | 코발트크롬유치악구개보철,악골보철 | Maxillofacial Prosthetics | 구개보철 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 2 | Z | 4 | Z | Z | Z |
| A1 | Obturator | Maxillofacial Prosthetics | 구개보철 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 2 | Z | 4 | Z | Z | Z |
| E5 | Obturator | Maxillofacial Prosthetics | 구개보철 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 2 | Z | 4 | Z | Z | Z |
| D4 | Final Obturator | Maxillofacial Prosthetics | 구개보철 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 2 | Z | 4 | Z | Z | Z |
| 21 | 수술후처치 [1일당] 단순처치 | Postoperative Dressing[1일당] Simple | 수술후처치 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 3 | Z | 4 | Z | Z | Z |
| E5 | 악관절투시및 녹화 | Examination and Analysis of Condylar Movement by Axiograph | 악관절투시 및 녹화 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 4 | Z | 4 | Z | Z | Z |
| E5 | 악수지제작 | 불명 | 불명 | I : 치과처치및 수술료 | F:구강악안면수술 및 처치 | F:구강안면외과일반치치 | 0 | 5 | Z | 4 | Z | Z | Z |

비급여-치과기타처치

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류 (행위성격) | 기본1 | 기본2 | 추가 | 급여 | 신정1 | 신정2 | 신정3 |
|------|--------------------------------------|--|-------------|---------------|----------|-----------------|-----|-----|----|----|-----|-----|-----|
| F6 | 구취의 해석 및 진단, 구취처치 | Diagnosis and Management of Breath Malodor | 구취의 해석 및 진단 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 1 | 2 | Z | 2 | Z | Z | Z |
| E5 | 구취의 해석 및 진단, 구취처치 | Diagnosis and Management of Breath Malodor | 구취의 해석 및 진단 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 1 | 2 | Z | 2 | Z | Z | Z |
| D4 | 구취측정 | Measurement of Breath Malodor | 구취측정 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 1 | Z | 4 | Z | Z | Z |
| E5 | 구취측정 | Measurement of Breath Malodor | 구취측정 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 1 | Z | 4 | Z | Z | Z |
| G7 | 구취측정 검사(취발성 황화합물 농도 측정 검사) | Measurement of Breath Malodor | 구취측정 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 1 | Z | 4 | Z | Z | Z |
| G7 | 구취측정 검사B(취발성 황화합물 성분 측정 검사) | Measurement of Breath Malodor | 구취측정 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 1 | Z | 4 | Z | Z | Z |
| H8 | Bleaching (1 Jaw) | Bleaching | 미백 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 4 | Z | Z | Z |
| A1 | Home Bleaching(1arch) | Bleaching | 미백 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 4 | Z | Z | Z |
| A1 | Home Bleaching, second trial(1 arch) | Bleaching | 미백 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 4 | Z | Z | Z |
| E5 | Home-bleaching(약당) | Bleaching | 미백 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 4 | Z | Z | Z |
| A1 | Laser Bleaching | Bleaching | 미백 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 4 | Z | Z | Z |
| A1 | Laser Bleaching,second trial | Bleaching | 미백 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 4 | Z | Z | Z |
| D4 | Micro abrasion(1지당) | Bleaching | 미백 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 4 | Z | Z | Z |
| A1 | Non vital Bleaching | Bleaching | 미백 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 4 | Z | Z | Z |
| D4 | Non-Vital Tooth Bleaching | Bleaching | 미백 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 4 | Z | Z | Z |
| D4 | Vital Tooth Bleaching(생활치 미백) | Bleaching | 미백 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 4 | Z | Z | Z |
| A1 | Walking Bleaching | Bleaching | 미백 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 4 | Z | Z | Z |
| A1 | Walking Bleaching,second trial | Bleaching | 미백 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 4 | Z | Z | Z |
| A1 | ZOOM 치아미백(직운) | Bleaching | 미백 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 4 | Z | Z | Z |
| E5 | 추기미백제(4개) | Bleaching | 미백 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 4 | Z | Z | Z |
| E5 | 치아미백 | Bleaching | 미백 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 4 | Z | Z | Z |
| E5 | 홈블라칭(1약당) | Bleaching | 미백 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 2 | Z | 4 | Z | Z | Z |
| D4 | Recementation /unit | Re Cementation | 보철물재부착 | I : 치과치 및 수술료 | G:치과기타처치 | A:치과기타처치 | 0 | 3 | Z | 4 | Z | Z | Z |

| 분류번호 | 한글명 | 영문명 | 비급여통합행위명 | 장구분 | 행위대분류 | 행위중분류 (행위성격) | 기본1 | 기본2 | 추가 | 급여 | 신정1 | 신정2 | 신정3 |
|------|--|-------------------------------------|----------|---------------|----------|-----------------|-----|-----|----|----|-----|-----|-----|
| D4 | Bite Plane | OrbitalProsthesis | 악안면보철 | I : 치과치 및 수술료 | G:치과기타치치 | A:치과기타치치 | 0 | 4 | Z | 4 | Z | Z | Z |
| D4 | 인접면삭제 | Tooth alteration | 치아성형술 | I : 치과치 및 수술료 | G:치과기타치치 | A:치과기타치치 | 0 | 5 | Z | 4 | Z | Z | Z |
| H8 | Preparation | Tooth Preparation | 치아성형술 | I : 치과치 및 수술료 | G:치과기타치치 | A:치과기타치치 | 0 | 5 | Z | 4 | Z | Z | Z |
| F6 | 치아 성형술(1치당) | Tooth Preparation | 치아성형술 | I : 치과치 및 수술료 | G:치과기타치치 | A:치과기타치치 | 0 | 5 | Z | 4 | Z | Z | Z |
| G7 | 치아우식활성도검사(DentYbuff Strip)(노918) | Test for Dental Cariogenic Activity | 치아우식활성검사 | I : 치과치 및 수술료 | G:치과기타치치 | A:치과기타치치 | 0 | 6 | Z | 4 | Z | Z | Z |
| G7 | 치아우식활성도검사(DentYcult CA)(노918) | Test for Dental Cariogenic Activity | 치아우식활성검사 | I : 치과치 및 수술료 | G:치과기타치치 | A:치과기타치치 | 0 | 6 | Z | 4 | Z | Z | Z |
| G7 | 치아우식활성도검사(DentYcult LB)(노918) | Test for Dental Cariogenic Activity | 치아우식활성검사 | I : 치과치 및 수술료 | G:치과기타치치 | A:치과기타치치 | 0 | 6 | Z | 4 | Z | Z | Z |
| G7 | 치아우식활성도검사(DentYcult SM Strip Mutans)(노918) | Test for Dental Cariogenic Activity | 치아우식활성검사 | I : 치과치 및 수술료 | G:치과기타치치 | A:치과기타치치 | 0 | 6 | Z | 4 | Z | Z | Z |
| D4 | 치아우식활성도검사 | Test for Dental Cariogenic Activity | 치아우식활성검사 | I : 치과치 및 수술료 | G:치과기타치치 | A:치과기타치치 | 0 | 6 | Z | 4 | Z | Z | Z |
| D4 | 타액검사[분비율, 점조도, PH, 완충기능검사] | Saliva Test | 타액분비검사 | I : 치과치 및 수술료 | G:치과기타치치 | A:치과기타치치 | 0 | 7 | Z | 4 | Z | Z | Z |
| G7 | 타액수소이온농도검사(노919) | Saliva Test | 타액분비검사 | I : 치과치 및 수술료 | G:치과기타치치 | A:치과기타치치 | 0 | 7 | Z | 4 | Z | Z | Z |
| G7 | 타액점조도검사(노919) | Saliva Test | 타액분비검사 | I : 치과치 및 수술료 | G:치과기타치치 | A:치과기타치치 | 0 | 7 | Z | 4 | Z | Z | Z |
| G7 | 배출기능검사(이허선타액)(노919) | Saliva Test | 타액분비검사 | I : 치과치 및 수술료 | G:치과기타치치 | A:치과기타치치 | 0 | 7 | Z | 4 | Z | Z | Z |
| G7 | 배출기능검사(전체타액)(노919) | Saliva Test | 타액분비검사 | I : 치과치 및 수술료 | G:치과기타치치 | A:치과기타치치 | 0 | 7 | Z | 4 | Z | Z | Z |
| G7 | 타액분비검사(노919) | Saliva Test | 타액분비검사 | I : 치과치 및 수술료 | G:치과기타치치 | A:치과기타치치 | 0 | 7 | Z | 4 | Z | Z | Z |

제6장 연구 분담표

| 구분 | 소속 | 직위 | 성명 | 분담내용 |
|-------|--------------|-------|-----|---------------------|
| 책임연구원 | 서울대학교 치의학대학원 | 부교수 | 이정윤 | 연구총괄 실무 및 자문총괄 |
| 연구원 | 서울대학교 | 부교수 | 여인성 | 자문위원 |
| 연구원 | 서울대학교 치의학대학원 | 조교수 | 양일형 | 자문위원 |
| 연구원 | 서울대학교 치의학대학원 | 조교수 | 구기태 | 자문위원 |
| 연구보조원 | 서울대학교 치학연구소 | 치과위생사 | 박세령 | 연구진행 실무담당 보고서 작성 |



동물병원 진료 표준화 방안 마련 결과보고서

첨부자료 10

제3차한의학육성발전종합계획(2016-2020) 및
보건복지부 2020 시행계획



농림축산식품부

발 간 등 록 번 호
11-1352000-000254-13



제3차 한의학육성발전 종합계획 2016~2020

MINISTRY OF HEALTH &
WELFARE

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11-1352000-000254-13

제3차
한의학육성발전
종합계획 2016~2020

MINISTRY OF HEALTH &
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보건복지부
관계부처합동

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제1장 수립배경과 성과

- I. 제3차 한의약육성발전종합계획 수립 배경 및 추진체계
- II. 제2차 한의약육성발전종합계획('11~'15) 주요 내용



제3차 한의약육성발전종합계획 수립 배경 및 추진체계

1 한의약육성발전종합계획 연혁

- 한의약육성법* 제정('03)

* 한의약육성법 제6조(한의약 육성 종합계획의 수립)

보건복지부장관은 한의약의 육성·발전 등에 관한 종합계획을 관계부처와 협의하여 5년마다 수립
(한의약육성법 제6조)

- 제1차 한의약육성발전종합계획('05~'10)

- 한의약의 과학화·산업화·세계화를 통한 국가경쟁력 제고를 목표로 ① 한방의료 선진화, ② 한약관리의 강화, ③ 한의약의 산업화, ④ 한방 R&D 혁신의 4개 분야와 12개 정책, 38개 과제로 구성

- 제2차 한의약육성발전종합계획('11~'15)

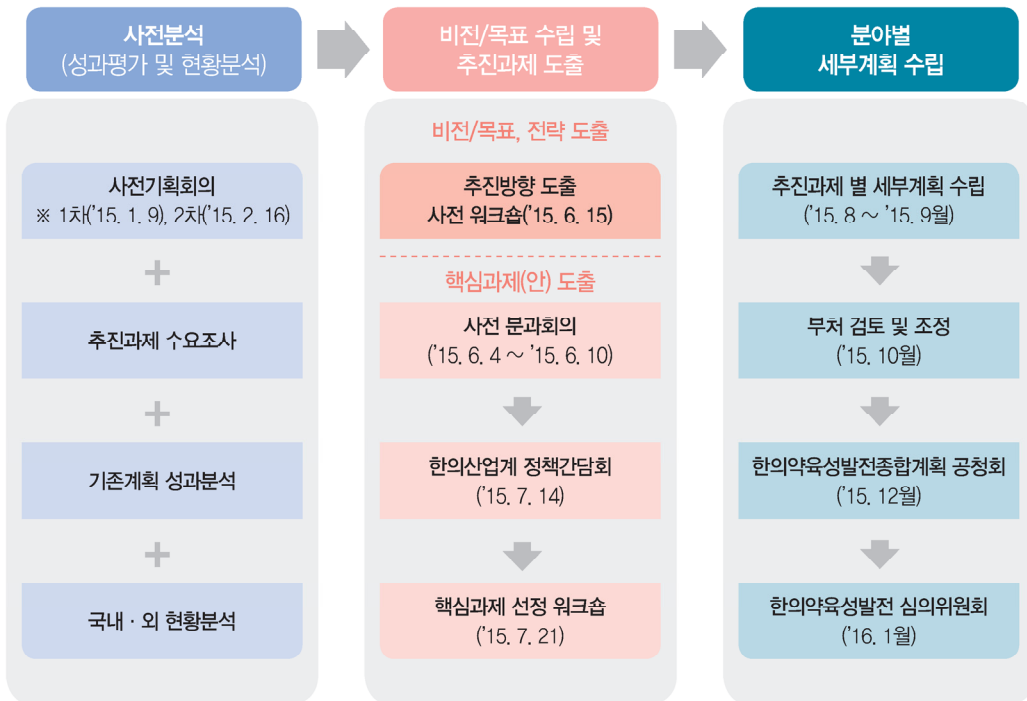
- 한의약산업 10조원 시장 육성을 중점 목표로 하여 ① 한의약 의료서비스 선진화, ② 한약(재) 품질관리 체계 선진화, ③ 한의약 연구개발 핵심기술 확보, ④ 한의약 산업 발전 가속화 및 글로벌화의 4개 분야와 26 과제, 89개 세부과제로 구성

- 제3차 한의약육성발전종합계획('16~'20)

- 표준임상진료지침 개발 및 한의약 건강보험 급여 확대 등 중점과제를 포함하여 ① 근거 강화 및 신뢰도 제고, ② 한의약 접근성 제고, ③ 한의약 산업 육성, ④ 선진 인프라 구축 및 국제 경쟁력 강화의 4대 목표, 9대 과제, 95개 세부과제로 구성

2 제3차 한의약육성발전종합계획 수립경과

- 자문위원회*('15. 4월) 구성·운영
 - * 전체 한의계를 대표하는 한의약 관련 기관·단체·산업계 및 학계 등 총 50여명으로 구성
- 비전, 4대 목표 및 과제 설정 워크숍* 개최('15. 6~7월)
 - * 2015. 6. 15. 한국한의학연구원, 자문위원단 46인 참석
- 세부계획 수립 및 부처 의견 조회('15. 8~10월)
- 제3차 한의약육성발전종합계획 공청회 개최('15. 12월)
- 한의약육성발전심의위원회 심의·의결('16. 1월)



[그림 1] 추진경과



3 추진체계 및 관계부처와 관계

■ 제3차 계획 수립 추진체계



[그림 2] 추진체계

■ 계획별 관계부처

| 한의표준임상진료지침 개발·보급을 통한 근거 강화 및 신뢰도 제고 | 보장성 강화 및 공공의료 확대를 통한 한의약 접근성 제고 | 기술혁신과 융합을 통한 한의약 산업 육성 | 선진 인프라 구축 및 국제 경쟁력 강화 |
|-------------------------------------|---------------------------------|--|--------------------------------------|
| 1. 한의표준임상진료지침 개발 보건복지부 | 3. 한의약 보장성 강화 보건복지부 국토교통부 | 5. 한약(제)품질관리 및 유통 체계강화 미래창조과학부, 농림축산식품부 보건복지부, 환경부 식품의약품안전처, 농촌진흥청 | 8. 한의약 발전 인프라 마련 보건복지부 특허청 |
| 2. 한의표준임상진료지침 보급·확산 보건복지부 | 4. 한의약 공공보건의료 강화 보건복지부 | 6. 기술혁신을 통한 한의약 상품 지원 보건복지부, 식품의약품안전처 7. 한의약 R&D 지원 미래창조과학부, 산업통상자원부 보건복지부, 식품의약품안전처 | 9. 한의약 국제경쟁력 강화 보건복지부 식품의약품안전처 |

[그림 3] 계획별 관계부처

II

제2차 한의약육성발전종합계획('11~'15) 주요 내용

◆ 제2차 한의약육성발전종합계획 총 102개 과제 중 92개 과제 추진

1 한의약 의료서비스 선진화

■ 저출산·고령사회 대응 한의약 역할 강화

- 한방난임치료, 한의약 만성질환 관리제도 등의 도입을 위한 타당성 연구 실시

■ 한의약 글로벌 시장진입을 위한 기반조성

- 보건복지부, 문화관광부를 중심으로 특집방송 제작, 국제의료관광컨퍼런스 등 다양한 행사를 통해 해외시장 마케팅을 지속적으로 실시
- 동의보감 400주년 기념사업을 추진, 산청세계전통의약엑스포 개최('13년)

■ 한의약 의료 서비스 접근성 강화 및 질적수준 제고

- 제2기 한방전문병원 지정('14년) 및 병원급 한의의료기관에 대한 인증제 실시('14년)
- 대구와 전남에 통합의료센터 건립

■ 한의약 공공보건의료 역할강화

- 한방 HUB 보건소는 '13년부터 지역사회통합 건강증진사업으로 통합·이관
- 전국 130개 보건소 한의약건강증진 프로그램 운영('13년) 및 전국 944개 지역보건의료기관에서 한의과 진료실 운영('14년)



[표 1] 한의약 의료서비스 선진화 세부과제 추진 현황

| 중점추진과제 | 소관부처 | 세부과제 | 추진 현황 |
|--|----------|---|-------|
| [과제1] 서술산·고령사회 대응 한의약 역할강화 | 복지부 | · 표준적 난임 치료 진료지침 정립 | 추진 |
| | 복지부 | · 한방난임시술에 대해 재정지원 | 미추진 |
| | 복지부, 미래부 | · 암, 뇌혈관 질환 등에 대한 한의약 임상능력 제고 | 추진 |
| | 복지부 | · 한방 선택의원제 도입검토 | 미추진 |
| | 복지부 | · 한방병원 유희병상 요양병상 활용 | 미추진 |
| [과제2] 한의약 글로벌 시장진입을 위한 기반조성 | 문체부, 복지부 | · 해외시장 마케팅 기반확보 | 추진 |
| | 복지부 | · 한의약 의료관광 특화상품 개발 | 추진 |
| | 문체부, 복지부 | · 외국인 환자 유치채널 강화 | 추진 |
| | 복지부 | · 한의약 의료서비스 제공 확대 | 추진 |
| | 복지부 | · 한방의료봉사 활성화 추진 | 추진 |
| | 복지부 | · 한의약의 우수성 홍보 추진 | 추진 |
| | 복지부 | · 국내 외국인 환자 한방진료 활성화 | 종료 |
| | 복지부 | · WHO 및 WPRO내 선문인력 신출 확대 | 추진 |
| | 복지부 | · WHO 협력센터 지정 | 종료 |
| | 복지부 | · WHO 전통의학 표준화 사업 지원 | 추진 |
| | 통일부, 복지부 | · 용어표준화 및 자원공동개발 등 남북교류 추진 | 미추진 |
| | 산통부, 복지부 | · 국제표준화(ISO)기구 활동 강화 | 추진 |
| | 복지부 | · 한·중 동양의학협력조정위원회 확대 발전 | 추진 |
| [과제3] 한의약 의료 서비스 접근성 강화 및 질적수준 제고 | 복지부 | · 한방진문병원제도 추진 | 추진 |
| | 복지부 | · 병원급 한방의료기관에 대한 인증제 실시 | 추진 |
| | 복지부 | · 전문병원 지정-의료기관 인증 연계 | 추진 |
| | 복지부 | · 협진표준모델개발·보급 및 협진인력 양성 | 추진 |
| | 복지부 | · 별도의 협진 지원을 위한 건강보험 수가체계 개발 | 지연 |
| | 복지부 | · 비용·효과성 측정을 통한 합리적 협진프로그램 도입 및 정보체계 구축 | 추진 |
| | 복지부 | · 정부와 민간의 연계를 통한 교육·홍보의 효과적 추진 | 추진 |
| | 복지부 | · 협진의료기관에 대한 질 평가제도 도입·실시 | 추진 |
| | 복지부 | · 양·한방 협진에 대한 의료분쟁조정제도 마련 | 종료 |
| | 복지부 | · 통합의료센터 건립 지원 | 추진 |
| | 복지부 | · 한의약육성발전심의회위원회 운영 내실화 | 추진 |
| | 복지부 | · 한의약 제도개선 TF 구성·운영 및 제도개선 추진 | 추진 |

| 중점추진과제 | 소관부처 | 세부과제 | 추진 현황 |
|------------------------------|----------|-----------------------------|-------|
| [과제4] 한약 공공보건 의 료 역할강화 | 복지부 | • 국립한방병원 내 한방공공보건리류사업 기능 강화 | 지연 |
| | 복지부 | • 공공의료 정책 개발 및 주요사업 시행 | 추진 |
| | 미래부, 복지부 | • 국립한방병원 내 한방임상연구센터 지원 강화 | 미추진 |
| | 복지부 | • 한방 HUB보건소 확대 | 종료 |
| | 복지부 | • 보건소 한방기능 보강 지원 | 종료 |
| | 복지부 | • 한약약 지역보건서비스 강화 | 추진 |

※ 주: 지연과제는 제3차한약육성발전종합계획에 반영





2 한약(재) 신속대응 안전망 구축

■ 한약(재) 유통체계 선진화

- 한약규격품 유통·사용 의무화('12년), 한약재 제조 및 품질관리기준(Good Manufacturing Practice, GMP) 도입('12년)
- GMP 도입으로 한약 이력추적관리제 도입을 위한 시행근거 마련은 중단

■ 한약안전관리체계 과학화

- 「대한민국약전(KP)」, 「대한민국약전외한약(생약)규격집(KHP)」개정(안) 마련('13. 4월), KP 제10개정('12. 12월), KHP 제4개정('12. 12월), 「생약 등의 잔류·오염물질 기준 및 시험방법」 폐지('12. 12월) 등을 통해 한약의 품질규격 개선
- 한약재 제조 및 품질관리기준 제도 의무적용('12년) 실시



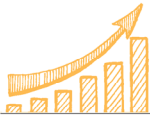
[표 2] 한약(재) 신속대응 안전망 구축 세부과제 추진 현황

| 중점추진과제 | 소관부처 | 세부과제 | 추진 현황 |
|----------------------------|--------------------------|------------------------------------|------------------------|
| [과제1] 한약(재) 유통체계 선진화 | 복지부 | · 한약 이력추적관리제 도입 및 시행근거 마련 | 추진 |
| | 복지부 | · 이력추적관리시스템 적용 | 추진 |
| | 복지부 | · 이력추적관리시스템 운영 · 교육 및 홍보 | 추진 |
| | 복지부 | · 한약판매업소 단순 기공포장 판매행위 금지 | 추진 |
| | 복지부 | · 한약제조업자의 제조된 한약의 한약도매상을 통한 공급 의무화 | 추진 |
| | 복지부 | · 한방의료기관 규격품 미사용시 처벌강화 | 추진 |
| | 농식품부, 복지부 | · 국산한약재 제조업 진입 완화 | 종료 |
| | 농진청 | · 특용작물 생산 · 유통 연구 등 | 추진 |
| | 복지부 | · 표시방법 및 표시대상 마련 | 추진 |
| | 복지부 | · 최종소비처 원산지 표시제 시범사업 실시 | 추진 |
| | 복지부 | · 최종소비처 원산지 표시제 제도화 방안 마련 | 추진 |
| | 복지부 | · 한약(재) 지거래 인프라 구축 | 종료 |
| | 농식품부, 복지부 | · 지원방식 및 부처간 협력 | 종료 |
| | 복지부 | · 수급조절제도 종합관리 | 추진 |
| | [과제2] 한약안전관리체계 과학화 | 복지부 | · 한약재수급조정위원회 운영 내실화 추진 | 추진 |
| 식약처 | | · 한약의 국제경쟁력 강화를 위한 연구수행 | 추진 |
| 식약처 | | · 품목별 합리적 위해기준 마련 | 종료 |
| 식약처 | | · 한약 규격기준의 국제조화 | 추진 |
| 식약처 | | · 한약재 중금속 기준 합리화 | 종료 |
| 미래부 | | · 한의본초 활용기반 구축사업 | 종료 |
| 농진청 | | · 우수농산물관리(GAP) 기술개발 | 추진 |
| 식약처 | | · 규격품 GMP · GSP 제도 도입 | 추진 |
| 식약처 | | · GMP · GSP 교육 · 홍보 | 추진 |

제1장. 수립배경과 성과
주요내용

제2장. 비전과 전략

제3장. 분야별 세부계획



3 한의약 연구개발 핵심기술 확보

■ 한의약 연구개발 역량 강화

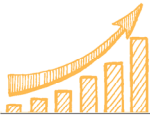
- 표준한방처방 근거중심 구축사업, 한의약 의료기술 및 의료기기 표준화 기반 구축 등으로 한의 기술 표준체계 지속적 구축
- 한의약선도기술개발사업, 임상인프라사업, 양·한방융합기반기술개발 사업 등을 통해 임상 연구 근거 확보
- 한약제제에 대한 임상시험을 지속적으로 지원하여 제품화 성공('12년 레일라정)
- 한약의 발효기술 확보를 위한 생물전환이용 한방처방 효능 강화, 한의약 의료기기 제품화, 특용작물 고부가 기능성 소재 발굴에 지속적 투자

■ 한의약 연구개발 지원인프라 확충

- 토종자원의 한약재 기반구축사업이 시작('13년 98품목 등록, 36품목 지표물질 분리), 전통의학 지능형 온톨로지 구축('13년)
- 침구경락과학센터, 암예방소재연구센터, 한방체액조절연구센터 등 한의약 선도기술 연구 센터 지속적 지정·육성

[표 3] 한의약 연구개발 핵심기술 확보 세부과제 추진 현황

| 중점추진과제 | 소관부처 | 세부과제 | 추진 현황 |
|----------------------------|-------------------------------|----------------------------------|----------------|
| [과제1] 한의약 연구개발 역량 강화 | 복지부 | • 한약 및 한약제제 약효 표준화 | 추진 |
| | 미래부 | • 표준한방처방 근거증신 구축사업 | 추진 |
| | 미래부 | • 친구 표준치료기술 개발 | 종료 |
| | 미래부 | • 뇌혈관 질환의 한의변증지표 표준화 기반 구축 | 종료 |
| | 산통부 | • 한의약 의료기술 및 의료기기 표준화 기반 구축 | 추진 |
| | 복지부 | • 한이병증, 진단 및 한약치료기술 객관화 | 추진 |
| | 복지부 | • 임상연구 수행을 통한 안전성·유효성 확보 | 추진 |
| | 미래부 | • 체질정보수집체계 구축 | 추진 |
| | 미래부 | • 전인시스템 조절을 통한 고혈압 위험군 예방관리기술 개발 | 추진 |
| | 농진청 | • 특용작물 기능성분 임상연구 추진 | 추진 |
| | 복지부 | • 한약제제 개발 | 추진 |
| | 미래부 | • 생물전환이용 한방처방 효능강화 | 추진 |
| | 복지부 | • 경락치료법과 기능진단 기술개발 | 종료 |
| | 복지부, 산통부 | • 세계적 한의약 의료기기 제품화 | 추진 |
| | 농식품부, 복지부 | • 천연물신약 연구개발 및 천연의약 신소재사업 추진 | 추진 |
| | 미래부 | • 생체에너지대사 시스템 기반 노화조절 한약개발 | 추진 |
| | 농진청 | • 특용작물 고부가 기능성 소재 발굴 | 추진 |
| | [과제2] 한의약 연구개발 지원인프라 확충 | 복지부 | • 한방임상연구 기반 강화 | 추진 |
| 미래부, 농진청 | | • 한의약 지식정보자원 DB화 및 전달체계 구축 | 추진 |
| 미래부 | | • 선도연구센터지원사업 | 추진 |
| 복지부 | | • 한의약 신기술개발 협동연구 기획 지원 | 종료 |
| 복지부 | | • 천연물 유효성분 물질은행 구축 | 추진 |
| 복지부 | | • 한의약 임상연구 인력양성프로젝트 기획 추진 | 추진 |
| 복지부 | | • 국제공동연구사업을 통한 해외 우수연구자 활용 | 추진 |
| 미래부 | | • 한의약 임상연구 플랫폼 구축 | 미추진 |



4 한의약 산업 발전 가속화 및 글로벌화

■ 한의약 광역클러스터 조성지원

- 한약진흥재단 설치 기반 조성('16년 출범)
- 세명대에 한방바이오산업임상지원센터('11년)를 지원하는 등 각 지역의 지역 혁신센터 (RIC) 확대
- 충북테크노파크바이오센터 등 한의약 특화 지역연고산업진흥사업(RIS) 지속 지원

■ 한의약 산업활성화 지원

- 우수한약재유통지원시설 운영활성화 방안 도모
- 수입의존 약용작물에 대한 신품종 육성 등 특용작물 재배유통 활성화
- 사용상의 주의사항 표준기재안 마련('14년), 단미엑스혼합제제의 효능·효과, 용법·용량, 사용상의 주의사항 등 표준기재(안) 마련
- 한방약초테마공원 조성(산청), 사상의학 체험랜드(장흥), 한방명의촌 및 제천한방자연치유 센터(제천), 한방약초재배공원(순천) 등 한의약과 연계한 지자체 사업 활성화
- 제14회 대한민국 한방엑스포, 영천 한약축제, 대구 약령시 한방문화 축제, 제천한방바이오 박람회 등 지자체 중심의 한의약 축제 개최
- 해외환자 유치 활성화의 실효성 미흡하여 한의의료기관 대상 다면적 컨설팅, 병원급 대상 해외환자 유치 프로그램 등을 3차 계획에 반영하여 추진 예정

[표 4] 한의약 산업 발전가속화 및 글로벌화 세부과제 추진 현황

| 중점추진과제 | 소관부처 | 세부과제 | 과제 상황 |
|----------------------------|----------------|-----------------------------|-------|
| [과제1] 한의약 클러스터 조성 지원 | 복지부, 산통부 | • 클러스터 조성 지원체계 마련 | 종료 |
| | 복지부 | • 한방진흥센터 건립 | 추진 |
| | 복지부 | • 한약진흥재단 설치 | 추진 |
| | 산통부 | • 한의약 지역혁신센터(RIC) 확대 | 추진 |
| | 산통부 | • 한의약 특화 지역연고산업진흥사업(RIS) 육성 | 추진 |
| [과제2] 한의약 산업활성화 지원 | 농식품부 | • 한방약초 산업 연계협력 강화 | 추진 |
| | 농식품부, 농진청, 식약처 | • 우수농산물관리(GAP)인증 활성화 | 추진 |
| | 농식품부, 농진청 | • 농촌활력증진사업 확대 | 종료 |
| | 복지부, 경상북도 | • 우수한약재유통지원시설 활성화 | 추진 |
| | 산통부, 농진청 | • 특용작물 재배유통 활성화 | 추진 |
| | 농식품부 | • 특용작물생산시설현대화사업(신규) | 추진 |
| | 복지부, 식약처 | • 해외시장 진출 지원 강화 | 추진 |
| | 복지부 | • 한방 의료기기 사업 육성 | 지연 |
| | 복지부 | • 한방 화장품 산업화 촉진 | 지연 |
| | 복지부, 식약처 | • 한약제제 제품개발 촉진 | 추진 |
| | 복지부, 식약처 | • 천연물약품 개발 및 해외시장 진출 지원 | 추진 |
| | 농식품부, 문체부, 복지부 | • 한방관광타운 조성(사상의학 체험랜드 조성) | 추진 |
| | 문체부, 산통부, 복지부 | • 문화컨텐츠 및 축제 개최 | 추진 |

※ 주: 지연과제는 제3차한의약육성발전종합계획에 반영



5 한의약 연구 성과

■ 한국한의학연구원 연구 성과

- SCI(E) 등재 논문 건수는 '06~'14년 연평균 28.4% 증가
 - 특허등록 건수는 '06년 이후 연평균 32.4건('05년까지 연평균 10건)
 - '14년 특허출원 건수는 해외출원 26건 포함 90건이며, 특허등록의 경우 15건의 해외특허가 등록되는 등 67건의 특허 등록

[표 5] 연도별 한국한의학연구원 연구성과

(단위: 편, 건)

| | | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 총계 |
|--------|--------------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|
| 논 문 | SCI(E) | 26 | 50 | 71 | 95 | 108 | 154 | 191 | 169 | 192 | 1,056 |
| | 비 SCI | 88 | 153 | 159 | 153 | 166 | 169 | 180 | 159 | 134 | 1,361 |
| 특 허 | 출원 (국내/국외 (PCT)포함) | 22 (17/5) | 31 (27/4) | 41 (33/8) | 68 (58/10) | 61 (48/13) | 72 (54/18) | 86 (54/32) | 84 (56/28) | 90 (64/26) | 555 (411/144) |
| | 등록 (국내/국외) | 20 (20/0) | 21 (20/1) | 13 (13/0) | 24 (21/3) | 21 (20/1) | 39 (36/3) | 37 (35/2) | 50 (43/7) | 67 (52/15) | 292 (260/32) |

※ 자료: 한국한의학연구원내부자료(한국한의학연구원, 2015)

■ 한의약선도기술개발사업 성과

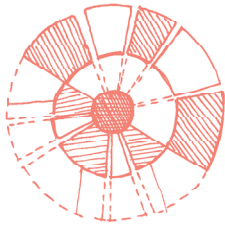
- '09년을 기점으로 논문수와 특허수가 지속적으로 상승
 - 의약품, 의료기기 제품 개발에 대한 임상시험계획승인 건수 증가

[표 6] 연도별 한의약선도기술개발사업 연구성과

(단위: 편, 건)

| | | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 총계 |
|--------|---------------|--------------|-----------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------------|
| 논 문 | SCI | 18.5 | 17 | 7 | 32 | 42 | 36 | 22 | 60 | 50 | 284.5 |
| | 비 SCI | 57 | 34 | 28 | 72 | 62 | 36 | 36 | 65 | 40 | 430 |
| 특 허 | 등록 (국내/국외) | 0 | 10 (10/0) | 5 (5/0) | 6 (6/0) | 10 (9/1) | 12 (12/0) | 15 (14/1) | 15 (13/2) | 11 (11/0) | 84 (80/4) |
| | 출원 (국내/국외) | 16 (14/2) | 10.5 (9.5/1) | 8.2 (7.2/1) | 21 (15/6) | 21 (17/4) | 12 (12/0) | 29 (24/5) | 11 (11/0) | 19 (17/2) | 147.7 (126.7/21) |

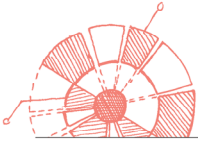
※ 자료: 한국보건산업진흥원 내부자료(한국보건산업진흥원, 2015)



비전과 전략

I. 국내·외 현황

II. 제3차 한의약육성발전종합계획의 비전과 추진과제



I

국내 · 외 현황

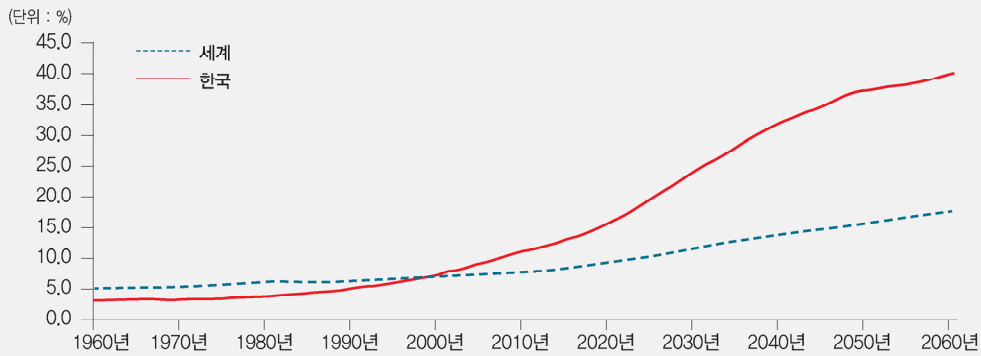
1 전통의학 · 보완대체의학의 미래전망 및 한의약 현황

- ◆ 인구증가와 고령화로 인한 의료비용 증가로 전통의학 · 보완대체의학 수요 증가
- ◆ 안전한 이용과 시장확보를 위해 선진국은 보완대체의학을 육성 · 관리 · 확대
- ◆ 국내 응용상품 시장은 성장하였으나, 한약제제 등 핵심산업 성장은 미흡
- ◆ 한의약 보장성이 상대적으로 낮고, 확대를 위한 근거 부족

가 세계 전통의학 · 보완대체의학 전망

■ 인구증가와 고령화로 인한 인구구조의 변화에 따라 세계적으로 의료비 부담 증가

- UN은 2050년 전 세계 인구가 93억 명 까지 증가할 것으로 전망
 - 출산율 감소와 수명 연장으로 고령화 사회로 변화
 - 국내 총인구 대비 고령인구 비중은 '15년 13%에서 '50년 약 37%까지 증가 예상



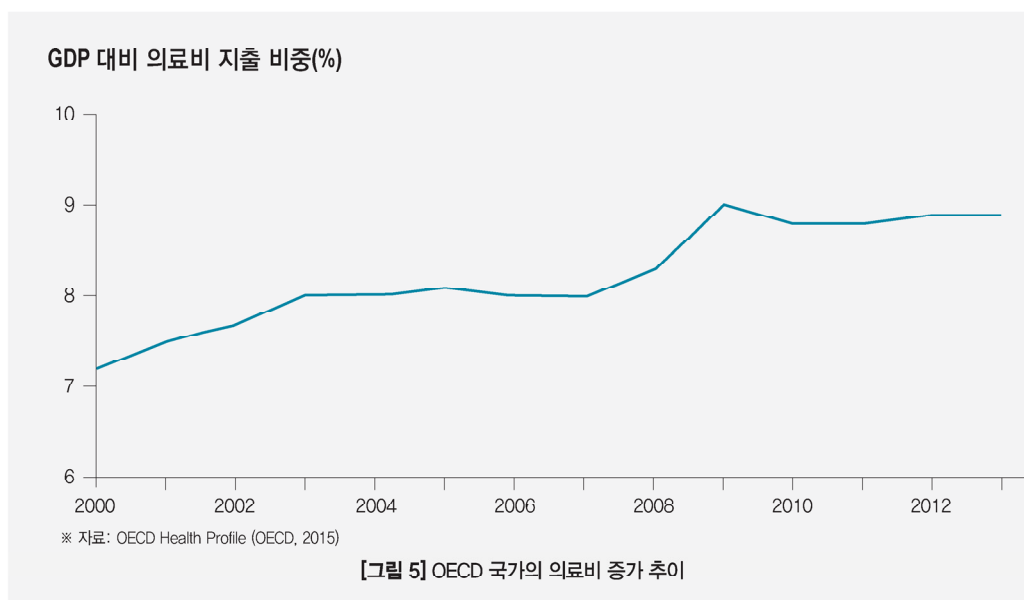
* 자료: 세계와 한국의 인구현황 및 전망(통계청, 2015)

[그림 4] 세계와 한국의 고령인구 비중 추이

● OECD 국가의 국민의료비는 지속적 증가 추세

- 고령인구 증가로 만성질환자, 치매환자 등이 증가하고 있으며, 이에 따라 각국 보건의료 비용이 지속적 증가

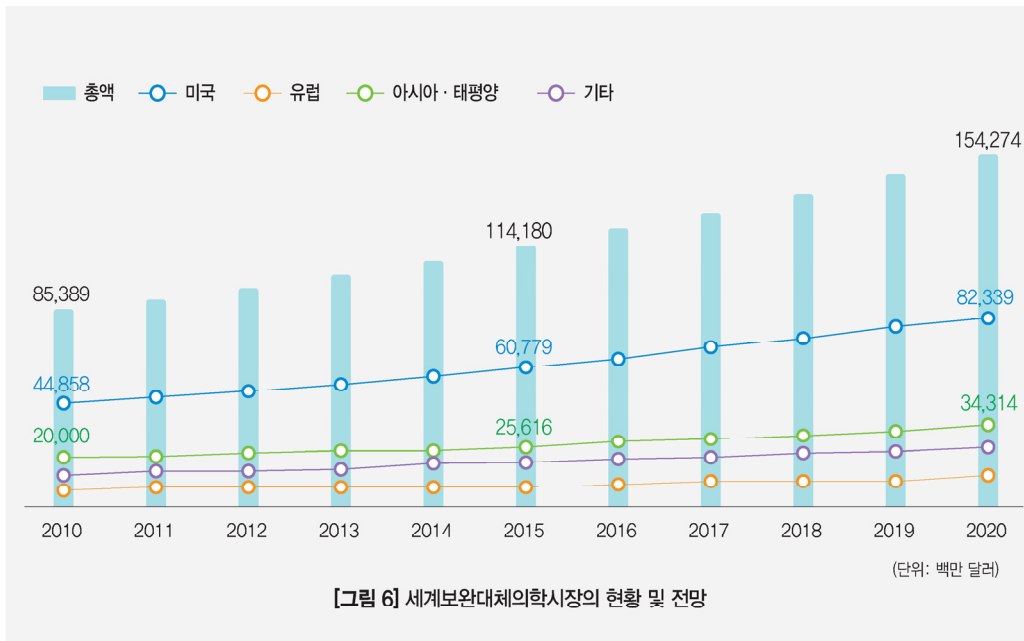
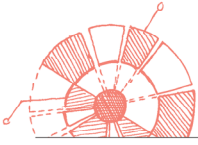
* OECD 국가의 GDP대비 총 의료비용은 2000년 7.2%에서 2012년 8.9%로 증가



■ 전통의학·보완대체의학에 대한 수요는 높은 의료비용에 대한 대안과 건강한 삶에 대한 관심 증대로 지속적으로 증가

● 세계보완대체의학시장은 연평균 5.98% 성장하여 1,141억 8,000만 달러('15년)에서 1,542억 7,400만 달러('20년)로 확대 전망

- 보완대체의학 시장에서 Herbal medicine이 58.1%로 가장 많은 비중을 차지하고 있으며, 그 다음으로 중의학과 동종요법이 각각 29.4%, 8.8%를 차지(Global Industry Analysts (GIA), 2012)



■ WHO, 미국, 중국 등은 국민들의 전통의약·보완대체의학의 안전한 이용과 새로운 시장 확보라는 두 가지 목표로 추진

- WHO는 「전통의약전략 2014-2023」를 통해 전통의약의 체계적 관리 및 발전을 위한 가이드라인 제시(WHO, 2014)
- 미국과 중국은 보완대체의학(미국)·중의학(중국)에 대한 5개년 발전계획을 지속적으로 수립

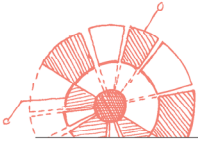
나 국내 한의약 현황

■ 과학적 근거에 기반을 둔 표준화된 치료서비스에 대한 요구가 증대하고 있으나, 이에 대한 대응 미비

- 의료기관별 상이한 진료방법과 근거가 부족한 치료법 등은 국민신뢰 저하 및 국제화 걸림돌
 - ※ 한의진료 불만족요인의 34.8%는 한의사마다 다른 치료방법(한국보건산업진흥원, 2011)
 - 임상연구에 기반한 근거중심 표준임상진료지침 개발 요구 증대
 - 국내 한의학 임상연구는 대부분 연구자 중심의 단편적 연구로 진행, 임상연구결과를 활용한 대규모 근거자료 부족
 - ※ 의과의 경우 127개의 임상진료지침 개발이 완료되었으나, 한의과의 경우 현재 총 15건('15년 9월 기준)

■ 국내 한의약 시장은 지속적으로 성장 추세. 다만, 주요 한약제제 시장 규모는 상대적으로 영세

- 한의약 의료서비스 시장은 '09년 3조 2,730억 원에서 '13년 4조 7,171억 원으로 연평균 9.6% 성장. 그러나 한의약의 건강보험보장성은 매우 낮음
 - 전체 의료인(醫·齒·韓 총 15.8만 명) 중 한의사는 14%(2.1만 명)를 차지하나 국민건강보험 진료비 비중은 4.17%(54.5조 중 2.3조)(건강보험심사평가원, 2014)
 - ※ 비급여본인부담률: 의원 18.4%, 한의원 30.7% ('13년 기준)
- 의약품용 한약재 및 한약제제는 시장규모 증가 추세이나 주요국에 비해 영세
 - 의약품용 한약재 시장은 '09년 1,766억 원에서 '13년 2,934억 원으로 연평균 13.5% 성장
 - 한약제제 산업은 생산액 기준으로 '09년 2,186억 원에서 '13년 2,867억 원으로 연평균 7% 성장
 - ※ 중국('12년 21조 원), 일본('13년 1조 5천억 원), 대만('13년 3천억 원)
- 한의 의료기기 시장은 연평균 14.3%로 성장하고 있으나 절대적 시장규모 영세



[표 7] 한의약산업 시장규모

(단위: 억 원, %)

| 구분 | | 2009 | 2010 | 2011 | 2012 | 2013 | 연평균 성장률(CAGR) |
|-----------|----------|--------|--------|--------|--------|--------|---------------|
| 한의학의료서비스* | | 32,730 | 40,061 | 41,270 | 43,276 | 47,171 | 9.6% |
| 한약 | 이약품용한약재 | 1,766 | 2,236 | 2,460 | 2,778 | 2,934 | 13.5% |
| | 한약제제(생산) | 2,186 | 2,552 | 2,465 | 2,817 | 2,867 | 7.0% |
| 한의 의료기기 | | 225 | 190 | 318 | 373 | 384 | 14.3% |
| 계 | | 36,907 | 45,039 | 46,513 | 49,244 | 53,356 | 9.7% |

* 주: 한의학의료서비스는 한의의료비 규모로 산정했으며 '13년도는 추정치

※ 자료: 한방의료이용 및 한약소비 실태조사(한국보건산업진흥원, 2014)

● 한의약과 관련된 응용제품 시장은 인삼을 제외하고 지속적으로 성장. 특히, 한방화장품은 매년 고성장

- 인삼 시장규모는 '09년 8,060억 원에서 '13년 7,258억 원으로 시장규모 축소
- 한방화장품은 '09년 1조 1,035억 원에서 '13년 1조 8,590억 원으로 매년 13.9% 성장하여 4년 간 약 두 배 성장

[표 8] 한의약 관련 응용제품 시장규모

(단위: 억 원, %)

| 구분 | 2009 | 2010 | 2011 | 2012 | 2013 | 연평균 성장률(CAGR) |
|-----------|--------|--------|--------|--------|--------|---------------|
| 인삼 | 8,060 | 7,998 | 8,611 | 9,165 | 7,258 | -2.6% |
| 한방화장품 | 11,035 | 13,642 | 15,169 | 18,102 | 18,590 | 13.9% |
| 한방기능식품 등* | - | - | 11,494 | - | 11,193 | - |
| 한방세계 | - | - | 91 | - | 55 | - |
| 계 | 19,095 | 21,640 | 35,365 | 27,267 | 37,096 | 18.1% |

* 한방기능식품 등 = 한방음료 + 식품추출 및 가공 + 건강기능보조요약화식품

※ 자료: 한방의료이용 및 한약소비 실태조사(한국보건산업진흥원, 2014), 대한화장품협회 내부자료(대한화장품협회, 2015), 한의약산업실태조사(한국한의학연구원, 2012, 2014)

2 주요국의 보완대체의학 육성 현황



정부 주도의 중의약 육성

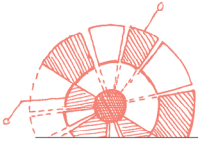
가 주요 정책 및 제도

■ 중의약 육성을 위한 정부 주도의 법률·제도적 지원

- 중의약의 법률적 지위를 보장하는 「중의약법」 입법 추진('13년~)
※ 국무원 통과('15. 12), 전국인민대표대회 심의안건으로 제출
- 「중의약 사업발전 제12차 5개년 계획('11~'15)」등 중의약 발전을 위한 국가계획 지속적 수립·시행(한국한의학연구원, 2012)

[표 9] 중국의 중의약 분야 주요 국가계획

| 주요 국가 계획 | 주요내용 |
|---------------------------|--|
| 중의약사업발전 12.5 계획 ('11-'15) | <ul style="list-style-type: none"> • 중국경제사회개발 12차 5개년 계획에 근거한 중의약 부문 5개년 계획 • 국민보건의료에 대한 기여 강조, 산업화와 중서의 결합을 가속화하고 세계화 중점 추진 |
| 중의약정책체계건설계획 ('15-'20) | <ul style="list-style-type: none"> • 전반적인 중의약 정책체계 구축을 통한 중의약발전에 국가적 역량 집중 예정 • 중의약 관련정책 / 건강서비스 / 중서의결합과 민족의(民族醫) / 과학기술발전 / 전승과 전파 등 11개 항목으로 구성 |
| 중의약건강서비스발전계획 ('15-'20) | <ul style="list-style-type: none"> • 중의약 부문 13.5 계획으로 국무원 제정 「건강 서비스업 발전에 관한 의견」에 대한 특별규정이자 중의약 관련 첫 국가급 규정 • 중의약 서비스체계 구축을 통한 보건의료 산업 육성 및 중의약 문화와 의료관광 산업의 전문적 육성 강조 |



| 주요 국가 계획 | 주요내용 |
|----------------------------|---|
| 중의약창신발전계획강요 ('06-'20) | <ul style="list-style-type: none"> • 2007년 3월 21일, 중국과학기술부, 위생부, 국가중의약관리국, 국가식품약품감독관리국 등 14개 부문 공동 발표 • 2020년까지의 중국 중의약의 총체적인 발전 목표 제시 • "계승, 혁신, 현대화, 국제화"를 중점 전략목표로 상정 |
| 중의약과학연구발전강요 ('06-'20) | <ul style="list-style-type: none"> • 중의·약학의 과학적인 발전을 제고하여 중국 과학·의학 발전 모색 • 중의이론의 발전, 임상효과의 세고, 중약연구 심화 목표 |
| 중의약표준화증상기발전 계획강요 ('11-'20) | <ul style="list-style-type: none"> • 전통의학 국제 표준 제정을 주도하고 중의약의 국제지위와 국제 경쟁력 강화 목표 |
| 중의약 국제과학기술협력 계획 ('06-'20) | <ul style="list-style-type: none"> • 세계시장을 목표로 하는 중의약 상품을 연구개발하기 위해 국제 협력 강화 • 중의약을 중국문화 전파의 주요한 수단으로 활용 |

● 특히, 전통의학 국제표준화와 중의약 자원보호관리체계 정립 추진

- 국제표준기구(International Organization for Standardization, ISO)에 전통의학 기술위원회 (TC249)¹⁾가 설치된('09년) 이후 중의약 관련 표준화 사업에 적극 참여
- 중의학 관련 전통지식과 중약 자원 보호를 위한 관련 법규 제정

■ 중의약에 대한 보험급여 확대

● 「국가기본의료보험약품목록」과 「국가기본의료보험진료항목범위」에 중의약 포함

- 국가기본약품목록에 중약음편(첩약)과 중성약(중약제제) 포함
 - ※ '12년판에는 중성약 203종 포함
- 중약음편(첩약)의 경우 일부 약물을 제외하고 「중국약전」에 수록된 약재는 탕제 비용까지 전액 보험 급여

1) 전통의학 기술위원회(Technical Committee 249): ISO에 설립된 기술위원회 중 하나로 전통의학 국제표준 개발을 목표로 활동

- '13년판 「국가기본의료보험약품목록」에 수록된 중성약은 갑류*(135개)와 을류**(792개)를 합산하여 총 927개 품종 포함

* 갑류: 임상에서 일반적으로 사용되는 기본약물로 전액 보험 적용

** 을류: 약값 일부 환자 부담

- **기본의료보험 수혜대상자 확대**

- '98년 도시직장인의료보험을 시작으로 '03년 농업종시자, '07년 이동피 노인을 포함한 전국민으로 확대
- 이에 따라, 중의약 의료서비스에 대한 보험수혜자도 지속 확대

나 산업 현황

■ 세계시장의 58%를 차지하는 Herbal medicine의 중국 내수와 수출 증가 (한국한의학연구원, 2013)

- **중국 중의약 시장은 '07년~'11년까지 연간 30%의 높은 성장 지속**

※ '07년 1,424억 위안 → '11년 4,233억 위안

- 서비스부문 최근 10년간 중의 병원 수와 병상 수 증가(한국한의학연구원, 2014)

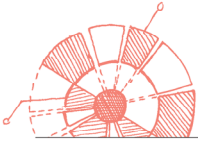
※ '03년~'12년까지 중의 병원 병상 수는 28만 개 → 61만 개로 113% 증가

- 중약부문은 연간 12% 증가하여 '16년 말 7,460억 위안 예상

- **중의약 수출규모는 지속적 증가, 완제품 비중 증가세**

- '10년도 19억 4,400만불 수출로 전년 대비 22.8% 증가

- 원료추출물 비중이 가장 크나(41.9%), 중약완제품 비중이 증가 추세



다 연구개발 현황

■ 중의약 R&D 예산지원 규모는 '03년 대비 '14년 3.8배* 이상 증가

* 중의약 R&D 예산: ('03년) 273,437천 위안 → ('14년) 1,315,245천 위안

[표 10] 연도별 중의약 R&D 투자 연구비 현황

(단위: 천 위안)

| 구분 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|
| 중의 국가급 과학연구기관 | 171,301 | 115,124 | 224,461 | 277,386 | 339,960 | 406,405 | 352,288 | 431,719 | 577,822 | 549,933 |
| 성단위급 중의 연구기관 | 115,095 | 208,237 | 124,038 | 160,667 | 238,194 | 341,722 | 389,943 | 421,325 | 552,553 | 691,157 |
| 지역, 시급 중의 연구기관 | 14,015 | 14,913 | 2,631 | 6,830 | 26,281 | 51,781 | 54,670 | 58,782 | 69,084 | 74,155 |
| 합계 | 300,411 | 338,274 | 361,130 | 454,883 | 604,435 | 799,908 | 796,901 | 911,826 | 1,199,459 | 1,315,245 |

※ 자료: 全國中醫藥統計彙編(중국중의약관리국, 2015)

- 표준화, 중의우세병종(中醫優勢病種) 등 중의약의 기초연구부터 신약개발까지 종합적인 중의약 관련 연구 지원

- 품질확보를 위해 우수 중약재 품종선택 및 육성, 중약재 생산재배 시스템 구축, 중약재 품질 표준 연구 수행

- 근거기반 연구를 통해 중의가 서의에 비해 강점이 있는 병종을 발굴하고 이를 표준화하여 임상에 활용

- ※ 중의과학원 선정 우세병종 103개 중 51%인 52개의 전문과 개설이 추진되었으며 최근 연구되고 있는 중의우세병종은 중풍, 요통, 항비 등

- 임상시험 진행 중인 중성약 220개(14.12월 기준)를 대상으로 시장접근성이 높은 제형 개발 (한국한의학연구원, 2015)
 - ※ (제형별) 캡슐, 과립제, 성제, (질환별) 외과, 소화기내과, 호흡기내과
- 중의학 정보 연구기관인 중의과학원 신식연구소(信息研究所)는 중의학 관련 정보 전반을 데이터베이스화하고 구축된 데이터베이스를 공유
 - ※ 600여종의 의학간행물, 약 32만 권의 도서, 현존하는 중의고서의 60%이상 보유. 40여 개의 분류체계에 따라 110만 개 이상의 데이터베이스(중의학 문헌분석, 검색/중약/처방기입 및 제품 데이터베이스 등) 구축. 관련 자료는 영어 검색이 가능하며²⁾ CD형태로도 제공

제1장. 수립배경과 성과

제2장. 비전과 전략
국내·외 현황



보완대체의학 수요 증가 및 관련 시장 확대

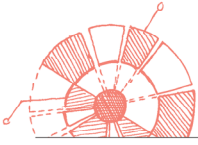
가 주요 정책 및 제도

- 미국은 보완대체의학 제도를 각 주(州)별로 독자적으로 제정·운영하고 있으며, 국립 보완통합의학연구소(National Center for Complementary and Integrative Health, NCCIH)에서 5년마다 보완대체의학 발전전략 수립
- 침술 등 보완대체의학 면허보유자*의 시술을 법적으로 인정하고 있으나, 면허종류 및 시술범위는 각 주별로 상이

* 대체의학 면허소지자 : 단수 전환 (Acupuncturist, Chiropractor, Naturopathic Doctor)

제3장. 분야별 세부계획

2) 영문검색 데이터베이스: <http://cowork.cintcm.com/engine/windex.jsp>



- 3차 발전전략(2011-2015)은 심신치료법과 천연물의학 연구를 집중 투자 분야로 선정, 과학적 근거 기반 확보와 임상 및 효능평가 연구 확대

■ 보완대체의학 서비스도 국가건강보험제도 적용 대상으로 포함

- '10년 3월 전 국민대상 건강보험제도(Patient Protection and Affordable Care Act, 오바마케어)를 제정하면서 보완대체의학 서비스 비용도 건강보험 적용 대상에 포함(세계일보, 2013)

나 산업 현황

■ 많은 비용을 부담해야하는 기존 의료서비스 대신 비용 대비 효과가 있는 보완대체의학 및 관련 제품의 수요 증가

- 미국 내 전통의학 관련 제품은 천연물 의약품(Botanical Drugs) 형태로 사용되고 있으며 FDA의 Botanical Drugs Guidance에 따라 안전성과 유효성이 검증된 품목만 유통 가능
- 미국 국민의 30% 이상이 대체의학 경험*, 병원의 40%이상이 진료에 활용**

* NCOIH의 '12년 설문 결과, 설문대상의 33.2%가 보완대체의학을 경험했다고 응답(NHIS, 2012)

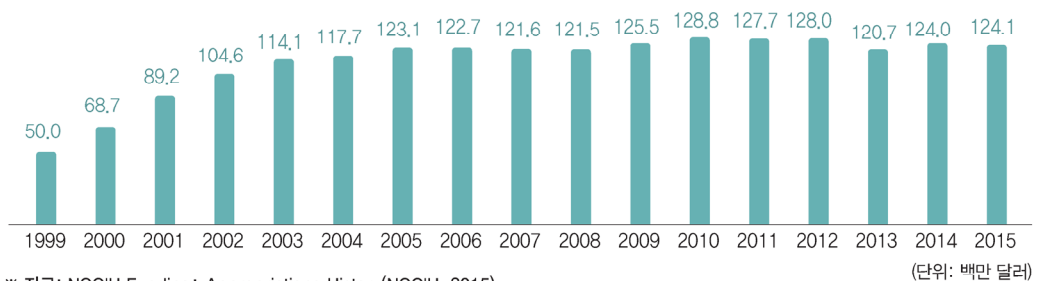
** '10년 미국 내 전체 병원을 대상으로 실시한 설문에서 42%의 병원이 대체의학을 1개 이상 사용

- 관련 제품을 통한 보완대체의학 활용이 23%, 수요가 높은 시술은 카이로프랙틱, 정골의학(Osteopathic medicine) 순

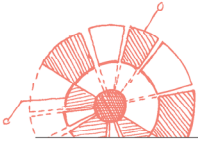
- 보완대체의학 시장규모는 '13년 556억 달러로 '08년 458억 달러 대비 지속 성장(GIA, 2012)
 - 미국의 Herbal medicine 생산량은 세계 생산량의 25.29%로 유럽(26.04%)에 이어 2번째로 많은 비중 차지('13년 기준)
 - 특히 복합허브는 '12년 미국 전체시장 이윤의 33.9% 차지, 허브보충제 및 치료제 시장에서 가장 빠르게 성장

다 연구개발 현황

- 국립보건원(National Institutes of Health, NIH)에서 지원한 보완대체의학 관련 연구 개발 예산은 '14년 3억 6,715만 달러, 29개 기관 연구 지원
- 국립보완통합의학연구소(NCCIH)가 27.3%로 가장 높은 비중을 차지, 국립암센터(National Cancer Institute, NCI)가 19.5%로 두 번째로 높은 비중을 차지('14년 기준)
- 보완대체의학 치료와 관련 제품의 안전성·유효성에 대한 근거 확보, 국민에게 제공 목표
 - 최근 5년 간(2011~2015) 심신의학에 대한 근거 확보와 천연물에 대한 연구에 집중 투자



[그림 7] 미국 국립보완통합의학연구소의 연간 예산변화



보완대체의학의 보건의료체계 편입 추진

가 주요 정책 및 제도

- 유럽은 기존 의료체계 내에서 보완대체의학 활용 빈도가 높으며 유럽전통약초 의약품법령(European Directive on Traditional Herbal Medicinal Products, THMPD)에 따라 전통약초의 안전성 및 유효성 검증 강화 추세(EUROCAM, 2014)
- 동종요법, 인지의학, 중의학, 아유르베다 등 다양한 보완대체의학이 유럽 내에서 활용되고 있으며, 일부 국가에서는 시술자격 및 시술 범위 규정
 - EU 회원국 중 17개 국가가 보완대체의학 관련 법률을 존재, 보완대체의학 자격을 보유한 전문의는 15만 명, 등록된 비전문의 시술자는 18만 명 이상
 - ※ EU 인구 10만명 당 보완대체의학 시술자는 65명(Provider: 35 non-medical practitioners and 30 physicians)이며 일반의학 시술자는 95명
- 활용빈도가 높은 Herbal medicine의 안전성과 품질관리를 위해 '04년 유럽전통약초의약품 법령(THMPD) 통과
 - Herbal medicine는 유럽 내 최소 15년을 포함하여 30년 이상의 안전검증기간 충족 필요
 - 영국은 이에 근거하여 '14. 5. 1부터 능숙허가를 받지 않은 모든 Herbal medicines 유통 전면 금지(한국한의학연구원, 2015)
 - ※ '14년 영국에서 허가된 300여 종의 Herbal medicine 중 중성약은 불포함

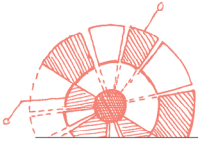
■ EU는 유럽 내 양질의 의료서비스 제공을 위해 보완대체의학에 대한 공통 규제 추진

- EU는 보완대체의학과 기존 의약품과의 상호작용, 사용자 안전, 보완대체의학 품질확보를 위해 보완대체의학 전반에 대한 통합 규정 마련 예정
 - 시술자의 자격요건, 시술 지침, 교육, 교육기관 및 인증 등 보완대체의학 전반에 대한 내용 포함
- 의사협회와 물리치료사, 조산사, 침술사 등 직역 단체를 중심으로 보완대체의학의 안전, 품질 확보를 위한 요구사항 설정 등 표준화된 가이드라인 마련 중

나 > 산업 현황

■ 유럽 Herbal medicine 생산량과 제품 판매액은 세계에서 가장 높은 비중 차지 (CAMBRELLA, 2012)

- 유럽의 Herbal medicine 세계시장 점유율은 26.04%이고 매년 증가 추세
 - 허브보충제 및 치료제의 세계시장 점유율도 가장 높은 46.1% 차지*(12년 기준)
 - * 허브제품 매출액은 172.9억 달러('09년) → 286.5억 달러('14년)로 증가
- 유럽 시장규모는 '12년 330억 달러이며 '18년 450억 달러로 연평균 5.6% 성장 전망
 - 유럽 국가 중 독일이 가장 큰 시장을 형성, '18년 시장규모가 202억 달러를 초과할 것으로 전망
 - 독일 외에는 러시아가 빠르게 성장, 프랑스는 '18년까지 90.7억 달러로 시장 규모 성장 예측



다 연구개발 현황

■ EU는 보완대체의학 연구프로그램인 Horizon 2020*을 통해 보완대체의학 R&D 지원

- 3대 추진과제 중 사회적 과제의 세부사업에 건강, 인구변화, 웰빙을 포함하여 연구 지원

* EU 제8차 프레임워크(FP8), R&D 부문 혁신강화와 연구재정지원 프로그램

- CAMBRELLA* 기존 연구를 바탕으로 안전성 및 임상근거확보, 통합모델 개발 등 중점연구 영역 선정, '20년까지 추진 예정

* EU 제7차 프레임워크 : '10년~'12년까지 1,667,439 유로(한화로 24억)를 투자한 12개국 공동 프로젝트로 용어, 제품, 관련 법제도 등 유럽 보완대체의학 전 분야를 망라한 연구

[표 11] EUROCAM의 중점 연구 영역

| 주요 연구영역 | 목표 |
|---|--|
| CAM prevalence | To obtain valid, comparable and comprehensive data on prevalence of CAM use |
| Needs and attitudes of citizens and providers | To address issues that are relevant to the EU public |
| CAM safety | To allow the risks of CAM to be estimated |
| Comparative effectiveness research | To support clinical and health care policy decision making with suitable research data |
| Effects of context and meaning | Understand the extent to which the clinical effects of CAM are due to non-specific treatment effects |
| Models of CAM integration | To investigate different models of CAM integration |

※ 자료: CAM2020(EUROCAM, 2014)



산업계 중심으로 한약제제 중점 육성

가 주요 정책 및 제도

■ 일본은 의료일원화 시스템으로 전통의학 통합 관리

- 일본의 전통의학인 캠포(Kampo)가 기존 의료체계에 통합되면서 의사가 한약과 양약을 함께 처방 가능*

* 의사 90%가 환자에게 한방약 처방(Tsumura, 2014)

- 148개의 한약처방이 건강보험급여 대상이며 900여 개의 한약제제 시판 중(Tsumura, 2012)

- 모든 의과대학이 전통의학 교육을 포함, 일본 동양의학회를 중심으로 인정의(認定医)³⁾와 한방 전문의(漢方専門医) 제도 시행

- '01년에 의과대학에 교육과정이 포함되기 시작하여 '07년에는 모든 의과대학(80개)의 교육 과정에 전통이하 교육 포함

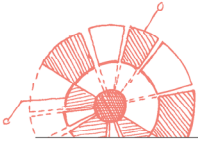
- 한방전문이는 '15년 현재 2,193명 배출

- 한약제는 의약품으로 안전관리가 이루어지고 있으며 일본 정부 약제표준을 준수하도록 규정

- 약전 14판에는 캠포(Kampo)의학에서 사용되는 165가지 약재 포함

- 대부분의 캠포제품 및 모든 제제에 대한 중금속, 안전성 테스트를 실시, 원료물질부터 제품 까지 약제표준 준수

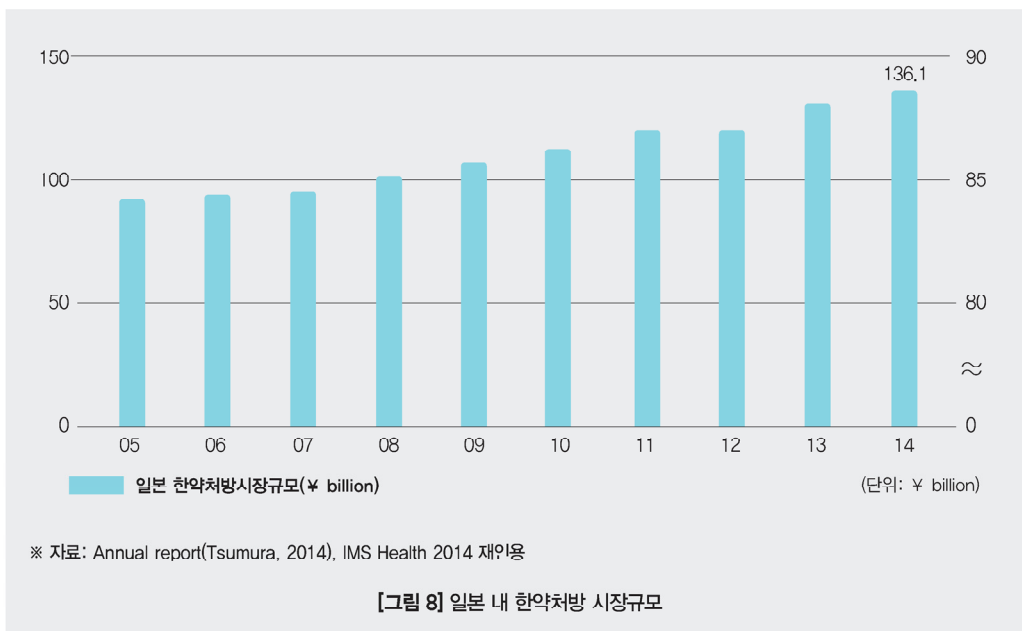
3) 한방을 목표로 하는 의사의 의욕을 향상시키고자 2006년부터 인정의제도를 도입. 의사면허를 취득한 자는 소정의 기준 충족과 인정의 시험을 통해 인정의가 될 수 있음. 한방전문(광고 가능)와는 다르며 인정의(광고 불가능)와 한방전문의는 중복으로 취득할 수 없음(일본동양의학회).



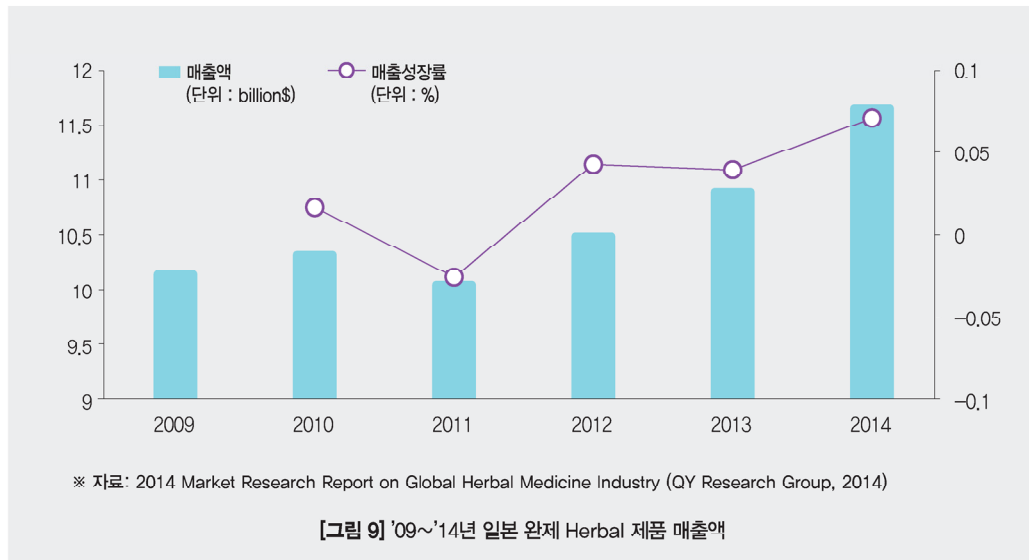
나 산업 현황

■ 원료는 대부분 수입에 의존하나 연구개발을 통한 제품화로 고부가가치 창출

- 일본 내 한약처방 시장규모는 '14년 기준 1,361억 엔이며, 아시아권, 유럽 등으로 관련 제품 수출(Tsumura, 2014)



- 일본의 Herbal medicine 생산량은 전 세계 생산량의 약 11%를 차지, 대표적 한방제제 생산기업인 쓰무라제약은 세계시장의 0.76% 점유(Tsumura, 2014)
 - 전 세계 허브 보충제 및 치료제 시장에서 일본의 비중은 12.5%
 - 일본 허브제품의 판매액은 ('09년) 101.8억 달러 → ('14년) 116.9억 달러로 증가



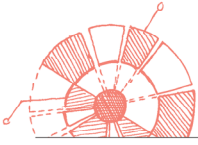
다 연구개발 현황

■ 민간 기업체 중심의 연구개발 진행

- 근거확보를 위한 임상연구와 현대의학 및 캠포의학을 결합한 의약품 개발 추진

■ 기타 재단 관련 연구소 중심으로 지속적 연구개발

- (사)기타사토 연구소 부설 동양의학종합연구소, 도야마 의과대학 화한의학 연구소, (재)일본 한방의학연구소, (재)한방의약연구진흥재단 등



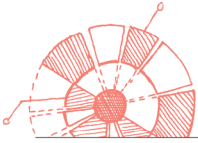
[표 12] 주요국 보완대체의학 동향 요약

| 국 가 | 주요 내용 |
|---|---|
|  | <ul style="list-style-type: none"> • 정부 주도의 중의약 육성 • 보험급여 및 시장의 지속적 확대 • 국제표준화와 중의약 자원보호관리체계 정립 추진 |
|  | <ul style="list-style-type: none"> • 보완대체의학의 수요 증가 및 관련 시장 확대 • 오바마케어를 통한 보험 적용 확대 • 안전성·유효성 근거확보와 천연물 연구 집중 |
|  | <ul style="list-style-type: none"> • Herbal medicine에 대한 안전성 및 유효성 검증 강화 추세 • 질 높은 의료서비스 제공을 위해 EU차원의 공통규제 추진 • 안전성, 임상근거확보, 통합모델 개발 등 연구 추진 |
|  | <ul style="list-style-type: none"> • 의료일원화 시스템으로 전통의학을 통합적으로 관리 • 모든 의과대학 교육과정에 전통의학 교육 포함 • 연구개발과 고품질 한약제제로 세계시장 점유 |



3 제3차 한의약육성발전종합계획의 중점추진 방향

- 의료체계 내 한의약의 안전성 및 유효성 검증을 강화하고 한의진료 표준화를 통해 치료의학으로서 한의약 위상 회복 필요
 - ➔ 한의임상진료 표준화 우선 추진
- 한의약 접근성을 높이고 치료효과가 높은 분야를 중심으로 한의약 건강보험 보장성 강화 및 서비스 기반 확대 필요
 - ➔ 한의약 건강보험 보장성 확대 및 공공의료 확대
- 정부의 지속적 지원을 통해 한의의료 서비스 관련 한약 산업 육성 필요
 - ➔ 한약제제 산업 중심으로 육성
- 한의약 해외진출 방안을 모색하여 전통의학으로서 국제 인지도 제고와 전통의약 국제 기준 선점 대응 필요
 - ➔ 한의약 세계화 및 국제 경쟁력 강화



II

제3차 한의약육성발전종합계획의 비전과 추진과제

1 제3차 한의약육성발전종합계획의 비전 및 목표

■ 비전 : 한의약을 통한 국민건강 향상 및 국가경쟁력 제고

- 목표 1 : 한의표준임상진료지침 개발 · 보급을 통한 근거 강화 및 신뢰도 제고
- 목표 2 : 보장성 강화 및 공공의료 확대를 통한 한의약 접근성 제고
- 목표 3 : 기술혁신과 융합을 통한 한의약 산업 육성
- 목표 4 : 선진 인프라 구축 및 국제 경쟁력 강화

한의약을 통한 국민건강 향상 및 국가경쟁력 제고



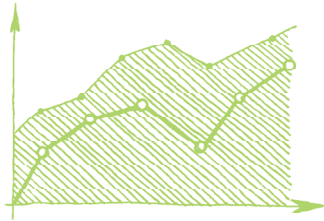
[그림 10] 제3차 한의약육성발전종합계획의 비전 및 목표

2 목표별 추진과제

■ 총 4개의 목표에 따라 9개의 추진과제 및 18개의 세부과제로 구성

[표 13] 목표별 추진과제

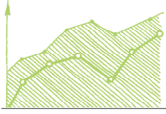
| 성과목표 | 추진과제 | 세부과제 |
|--|-------------------------|---|
| I. 한의표준임상진료 지침 개발·보급을 통한 근거강화 및 신뢰도 제고 | 1. 한의표준임상진료지침 개발 | 1-1. 한의표준임상진료지침 개발 |
| | | 1-2. 한의표준임상진료지침 개발을 위한 임상연구지원 |
| | 2. 한의표준임상진료지침 보급·확산 | 2-1. 한의표준임상진료지침 확산 |
| | | 2-2. 한의표준임상진료지침 지원체계 구축 |
| II. 보장성 강화 및 공공의료 확대를 통한 한의약 접근성 제고 | 3. 한의약 보장성 강화 | 3-1. 한의약 보험급여 제도 개선 3-2. 양·한방 협진 활성화 |
| | 4. 한의약 공공보건의료 강화 | 4-1. 한의약 공공보건의료 강화 |
| III. 기술혁신과 융합을 통한 한의약 산업 육성 | 5. 한약(재) 품질관리 및 유통체계 강화 | 5-1. 한약자원 생산·보관·관리 체계 구축 |
| | | 5-2. 한약(재) 제조·유통관리체계 선진화 |
| | 6. 기술혁신을 통한 한의약 상품 지원 | 6-1. 한약제제 개발 및 특화 지원 |
| | | 6-2. 한약제제 활성화 기반 마련 |
| | 7. 한의약 R&D 지원 | 7-1. 한의약 R&D 지원 강화 |
| 7-2. 한의약 기반 제품 개발 및 지원 | | |
| IV. 선진 인프라 구축 및 국제경쟁력 강화 | 8. 한의약 발전 인프라 마련 | 8-1. 한의인력 전문성 강화 |
| | | 8-2. 한의약 지식정보화 및 국가자원화 |
| | | 8-3. 한약진흥재단 정책지원 강화 |
| | 9. 한의약 국제경쟁력 강화 | 9-1. 한의인력 국제교류 및 한의약 세계화 활성화 지원 |
| | | 9-2. 한의 국제표준화 기반구축 |



제3장

분야별 세부계획

- I. 한의표준임상진료지침 개발·보급을 통한 근거강화 및 신뢰도 제고
- II. 보장성 강화 및 공공의료 확대를 통한 한의약 접근성 제고
- III. 기술혁신과 융합을 통한 한의약 산업 육성
- IV. 선진인프라 구축 및 국제경쟁력 강화



I

한의학표준임상진료지침 개발·보급을 통한 근거강화 및 신뢰도 제고

1 한의학표준임상진료지침 개발

1.1 한의학표준임상진료지침 개발

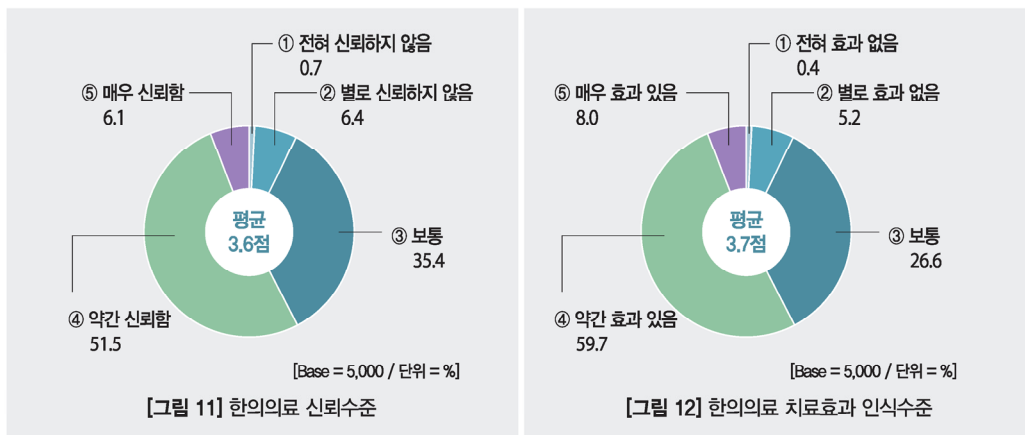
현황

■ 한의학의 특성상 질환에 대한 치료법이 한의 의료기관, 한의사에 따라 상대적으로 다양

- 한의학 임상기술의 편차는 한의 진료의 일관성·효과성·안전성 등에 대한 의구심으로 연결, 한의학 신뢰 및 발전 저하 요인으로 작용

- 한의진료 불만족 요인의 34.8%는 한의사마다 다른 치료방법(한국보건산업진흥원, 2011)

- 한의의료에 대한 신뢰도 및 치료효과의 긍정적 인식수준이 50% 수준



※ 자료 : 한방의료이용 및 한약소비실태조사(한국보건산업진흥원, 2014)

- 한의표준임상진료지침 개발을 위한 투자 부족, 개발된 지침은 수용성이 낮아 활용 미흡
- 한의약의 발전과 신뢰도 제고를 위해 동일 상병에 대한 치료법 편차가 상대적으로 크고, 이용 빈도가 높은 질환을 중심으로 표준화 필요
- 이에 대한 수용성을 높이기 위해 개발 단계에서부터 한의계 내·외 의견수렴을 위한 거버넌스 구성 필요
- 서양의학*은 국제적으로 개발·검증된 임상진료지침의 번역만으로도 활용이 가능, 한의약**은 한의약 고유 특성을 고려한 독자적인 임상진료지침 개발이 필요하나 지침 개발이 적음

* 의과는 근거창출임상연구국가사업단 또는 대한의학회 중심으로 127개의 임상진료지침 개발 원료('15. 7월 기준⁴⁾)

** 한의임상진료지침은 현재 총 15건(보건복지부 4건, 한의학연) 5건, 학회 6건)이 개발되었으며, 8건은 개발단계('15. 9월 기준)

참고

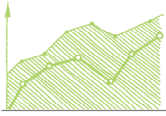
◆ 한의표준임상진료지침 용어 정의를 위한 CP와 CPG의 비교

- 표준진료지침(CP, Critical Pathway)과 임상진료지침(CPG, Clinical Practice Guideline)은 개념이 다름
 - 표준진료지침은 '임상진료지침을 기초로 하여 개별 병원에서 적정 진료를 행할 수 있도록 질환, 수술별 진료의 순서와 치료의 시점, 진료행위 등을 미리 정해 둔 표준화된 진료 과정'임⁵⁾
 - 임상진료지침은 환자를 최적으로 진료하기 위한 권고를 기술한 것(statements⁶⁾)으로, 관련 근거를 체계적으로 검토하고, 대안이 되는 옵션의 이득과 위해를 평가하여 개발됨
 - ※ 표준진료지침 적용 시 비용절감 효과 우수, 지침 개발·보급에 정부의 적극적 투자 필요 (삼사원, 2014)

4) <http://www.guideline.or.kr>

5) Coffey RJ, Richards JS, Remmert CS, LeRoy SS, Shoville RR, & Baldwin PJ. An Introduction to Critical Paths. Quality Management in Health Care, Aspen Publishers, Inc., 1992.

6) Institute of Medicine (IOM), Clinical Practice Guidelines We Can Trust, 2011.



주요내용

1 한의표준임상진료지침 대상질환 선정 ('15~'16)

① 국민들에게 실질적 도움이 되는 질환을 중심으로 대상질환 선정(20~30개)

- 사전 연구용역('15. 8. ~ '16. 2월, 주관연구기관: 대한한의학회)을 통해 후보 질환도출
- 범한의학 거버넌스(근거중심 한의학 추진위원회)에서 선정

2 한의표준임상진료지침 개발 ('16~'21)

① 지침 개발을 위한 지침개발단(총괄) 및 분과별 실무작업반 운영

- 분과별 학회장을 중심으로 지침개발단을 구성하고 질환별로 실무작업반 구성·운영

② 체계적 문헌고찰 등 주요 연구방법론을 적용한 근거기반 문헌연구

- 문헌의 질 평가, 근거수준, 권고등급 등 질환별 개발방법 설정

3 한의표준임상진료지침 인증 및 미포함 진료행위 검증

① 지침의 인증 및 지침 관련 진료행위 검증

- 개발연구가 완료된 지침의 검토·평가 후 범한의학 거버넌스에서 인증
- 지침과 다른 진료행위 등록·검증절차 및 인정기준 마련, 인정 결정된 진료행위의 진료 지침 반영

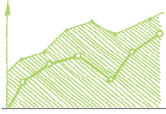
1.2 한의표준임상진료지침 개발을 위한 임상연구지원

현황

■ 의과는 국제적으로 많은 지침이 개발되고 평가도 이루어져 번역만으로도 국내활용이 가능, 한의는 임상시험 등 검증절차 병행 필요

- 한의의료 비용 이유의 21.9%는 한의의료 효과성에 대한 의구심
- 부족한 임상연구를 바탕으로 표준임상진료지침 개발 시 안전성 및 효과성에 대한 근거가 미흡, 건강보험 급여 포함에 장애로 작용
- 소요되는 비용과 시간을 고려할 때 정부 차원의 체계적 지원 필요





참고

◆ 한의약 근거창출 임상연구 지원 현황

[표 14] 한의약 근거창출 임상연구 지원 현황

(단위: 백만 원)

| | 과제 명 | 연구기간 | 총지원액 |
|---|---|-------------------------------|-------|
| 1 | 추나요법 근거창출 임상연구-유효성, 안전성, 경제성 평가 | 2015. 6. 1.~ 2018. 5. 31. | 650 |
| 2 | 건강인 및 골관절염 환자에서 다빈용 골관절염 치료제의 한약-양약 약물 상호작용연구 | 2015. 6. 1.~ 2018. 5. 31. | 500 |
| 3 | 한약(온경탕과 배란작상방)투여 및 침구치료의 난임치료 효과규명을 위한 임상연구 | 2015. 6. 1.~ 2018. 5. 31. | 650 |
| 4 | 한의학 진단 및 맞춤 한약 치료의 근거기반을 위한 다기관 임상연구 | 2012. 6. 25.~ 2019. 6. 24. | 5,800 |
| 5 | 비만과 대사증후군, 수족냉증, 아토피피부염에 대한 한의진단 및 한약치료의 임상 근거창출 연구 | 2013. 5. 15.~ 2020. 5. 14. | 5,800 |

■ 다만, 한의약 분야는 서양의학적 연구방법론을 그대로 적용하는데 한계가 있어 한의약 특성을 고려한 연구방법론 개발 필요

- 전통적 한의 진단은 한의사의 감각에 의존하여 표준화가 어려우므로, 한의 진단 기술의 생체 지표 발굴을 통한 객관적인 진단 기준 필요

주요내용

1 근거 창출을 위한 임상연구 병행 ('16~'21)

① 근거(문헌)기반 연구 및 근거 창출을 위한 임상연구 수행

- 20개 질환 단계별 연구지원(1단계(2년): 문헌연구, 2단계(3년): 임상연구)
- 10개 질환은 '16년, 10개 질환은 '17년 연구 개시

② 기개발 임상진료지침은 검토·인증 후 근거 창출 위한 임상연구 수행

- 문헌연구를 근거로 기개발된 진료지침의 검토·인증절차를 거친 후 주요 임상질문에 대한 임상연구(3년) 지원

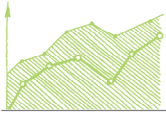
③ 건강보험 급여 인정의 근거자료로 활용할 수 있도록 경제성 평가(비용효과분석 등) 등을 고려한 임상연구 설계

- 수가개발을 위한 수가 자료수집, 모형개발, 시범적용 병행

【표 15】연차별 투자 및 추진계획

(단위: 억 원)

| 구분 | 계 | '16년 | '17년 | '18년 | '19년 | '20년 | '21년 |
|-----------------------|-----|---------------|---------------|------------|------------|------------|------------|
| 계(총 30건) | 259 | 35 | 45 | 55 | 48 | 48 | 28 |
| 근거기반 +근거창출 I (10건) | 80 | 10 (신규10건) | 10 (계속) | - | - | - | - |
| | | - | - | 20 (계속) | 20 (계속) | - | - |
| 근거기반 +근거창출 II(10건) | 80 | - | 10 (신규10건) | 10 (계속) | - | - | - |
| | | - | - | - | 20 (계속) | 20 (계속) | 20 (계속) |
| 근거창출(10건) | 60 | 20 (기존10건) | 20 (계속) | 20 (계속) | - | - | - |
| 사업운영비 | 39 | 5 | 5 | 5 | 8 | 8 | 8 |



② 한의표준임상진료지침 개발을 위한 기반 마련

① 한의진단기술 표준화를 위한 지표 발굴

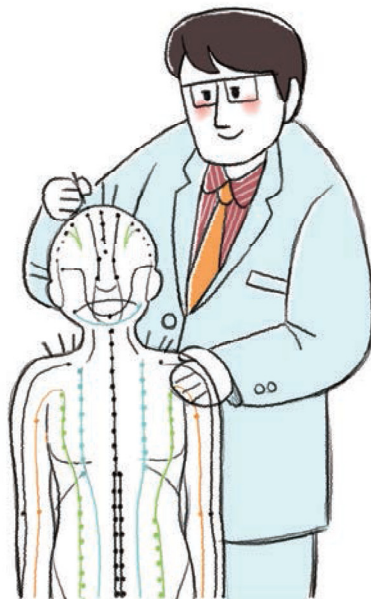
- 생체정보를 통한 진단지표 개발 및 한의진단기술 구분을 위한 표준안 마련 지원

② 한의진단기술 임상근거 확보

- 임상연구 및 체계적 문헌고찰 연구 지원을 통해 한의진단기술 임상근거 마련

③ 한의임상연구방법론 탐색·개발 및 확산 등 기반 구축

- 한의학, 중의학, 보완통합의학 등 기존 한의약 관련 임상연구를 대상으로 연구방법론 체계적 검토 및 문제점 분석
- 임상연구 방법론 전문가 그룹 네트워크 구축(한국보건의료연구원과 정기적 회의 개최 등)
- 한의약 임상연구 특성을 반영한 연구방법론 개발
- 과학적·한의학적 적절성 검토 및 개발된 한의임상연구방법론 확산



2 한의표준임상진료지침 보급·확산

2.1 한의표준임상진료지침 확산

현황

- 기관별·사업별 산발적 개발, 한의계 내 공감대 형성이 어려워 지침의 보급·활용 미흡
- '15. 9월까지 총 15건의 한의임상진료지침이 개발되었으나, 임상현장에서의 인지도 및 활용률 저조
- 한의임상진료지침 확산을 위해 보험수가 반영 및 보수교육 포함 등 고려 필요

참고

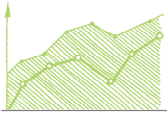
◆ 한의임상진료지침 개발 현황

[표 16] 개발된 한의임상진료지침

| | 지침 명 | 개발기관 | 개발년도 |
|----|-------------------------|------------|------|
| 1 | 난임 한방임상진료지침 | 대한한방난임학회 | 2010 |
| 2 | 비만환자에서의 방풍통성산 투약지침 | 한방비만학회 | 2012 |
| 3 | 비만환자에서의 방기황기탕 투약지침 | 한방비만학회 | 2012 |
| 4 | 화병 임상진료지침개발 | 보건복지부 | 2013 |
| 5 | 경향동의 침치료 진료지침 | 보건복지부 | 2013 |
| 6 | 요통의 침치료 진료지침 | 보건복지부 | 2013 |
| 7 | 슬들의 침치료 진료지침 | 보건복지부 | 2013 |
| 8 | 요추 추간판 탈출증 한의임상진료지침 | 한국한의학연구원 | 2013 |
| 9 | 아도피피부염 한의임상진료지침 | 한국한의학연구원 | 2014 |
| 10 | 족관절염좌 임상진료지침 | 한국한의학연구원 | 2015 |
| 11 | 견비통 한의임상진료지침 | 한국한의학연구원 | 2015 |
| 12 | 특발성 인면신경마비 한의임상진료지침(개정) | 한국한의학연구원 | 2015 |
| 13 | 한의 암치료의 임상 가이드라인 | 대한암한의학회 | 2015 |
| 14 | 사상체질병증 임상진료지침 개발 | 경희대학교 | 2015 |
| 15 | 교통사고 상해 증후군 한의진료가이드 | 척추신경추추나의학회 | 2015 |

◆ 중국의 중의임상진료지침 활용 현황

※ 중국은 중의우세병종 연구결과의 대부분을 임상매뉴얼 제작과 중의전문과 개설에 활용하여 검증된 임상 매뉴얼 확산 유도 및 지원(중의과학원에서 선정한 우세병종 103개 중 52개(51%)의 전문과 개설 추진)



주요내용

1 한의표준임상진료지침 교육 및 홍보 ('18~'21)

- ① 한의표준임상진료지침을 근간으로 한 한의과대학 공통교육과정 개발 및 운용
 - 한의대 교육과정과 연계하여 한의표준임상진료지침에 근거한 표준화·과학화 교육 기반 구축
 - 한의대 교육 평가 인증(한국한의학교육평가원) 등과 연계
 - 한의사 면허(실기)시험 연계
- ② 한의사 졸업 후 교육과정 및 공공보건사업 반영
 - 한의표준임상진료지침에 기초한 (사)대한한의사협회 보수교육 연계
 - 보건소 한의약건강증진 프로그램에 반영
- ③ 한의표준임상진료지침 홍보 및 제공
 - 인증된 지침은 정보센터 사이트에 게재, 정보 제공

2 한의표준임상진료지침 활용 및 확산을 위한 제도 개선 ('18~'21)

- ① 한의표준임상진료지침을 통해 임상연구까지 진행된 표준화된 진료행위에 대해(경제성 평가, 시범사업 후) 건강보험 급여 확대 추진
 - 건강보험 등재 시 한의표준임상진료지침 상 진료행위를 크게 벗어나는 진료방법에 대한 보완대책 마련

2.2 한의표준임상진료지침 지원체계 구축

현황

■ 한의표준임상진료지침 개발을 지원할 수 있는 사업추진 총괄기관 및 한의임상 시험센터, 한의임상진료지침 정보센터 등의 인프라 부재

- 한의표준임상진료지침의 개발·관리 및 개발된 지침의 보급·확산을 위한 상설 지원체계 필요
- 체계적인 임상연구 수행과 효율적인 한의표준임상진료지침 근거마련을 위한 지역한의임상 센터 활용방안 마련 필요

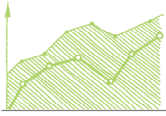
참고

◆ 의과 임상진료지침 지원체계

- 대한의학회 중심으로 근거기반임상진료지침의 전주기적 지원을 위해 임상진료지침정보센터와 임상시험 산업본부 운영
 - ※ 보건복지부에서 정보센터에 매년 운영비 3억 지원 받음
 - 임상진료지침정보센터 : 근거기반 임상진료지침 개발, 평가 및 인증, 보급 지원을 통해 개발된 임상진료 지침의 확산 도모
 - ※ 국내 160개 회원학회 및 의료인 대상 임상진료지침 개발방법론, 평가방법에 대한 정보 제공 및 웹기반 임상진료 지침 보급 활동 등을 통해 임상진료지침에 대한 접근과 활용 촉진
 - 임상시험산업본부 : 임상시험 수행을 위한 인력양성 및 임상시험센터 운영, 임상시험수탁기관 인증 등 담당
 - ※ 국가임상시험사업단은 사업 종류('07.11~'14.3) 후 (재)한국임상시험산업본부로 전환하여 임상인력 교육, 임상진료 지침 기술지원, 지역임상시험센터 등 입무 지속 수행, 지역임상시험센터 15개 대학병원을 선정·지원 중 (1개소당 5년간 200억 수준 지원 중)

◆ 중국 중의임상진료지침 지원체계

- 중국 중의과학원은 산하에 연구기관 외 임상연구소와 의학실험센터, 병원이 있어 기초·임상연구결과를 진료 현장에 활용할 수 있는 전 주기적 지원 체계 구축
 - ※ (산하병원) 서원병원(제1임상의약연구소, 노년의학연구소, 임상병리연구소), 광안문병원 (제2임상의약연구소, 중앙연구소), 왕칭병원(골상과연구소), 안과병원(안과연구소), 침구병원 등



주요내용

1 한의표준임상진료지침개발사업단(가칭) 설립

- ① **지침개발 및 인증 등 사업추진을 총괄할 (가칭)한의표준임상진료지침개발사업단 설립**
 - 주관연구기관을 신징하여 향후 한의표준임상진료지침 개발 완료 후 지침 관리·고도화 단계 예정
- ② **지침개발단 구성·운영**
 - 지침개발을 위한 별도의 지침개발단을 설치하며 분과별 실무직업반을 운영
- ③ **운영위원회 및 검토·평가위원회 구성**
 - 사업단 내 운영위원회는 사업추진 계획 및 사업단 운영에 필요한 사항 등 주요사항에 대한 심의·의결 담당
 - 개발 완료된 지침의 인증 및 지침과 다른 진료행위의 검증절차 총괄 등은 별도의 자문(심의) 위원회에서 진행



[그림 14] 한의표준임상진료지침개발사업단 추진체계(안)

2 임상진료지침 정보센터 설치

1 임상진료지침 정보센터 설치·운영

- 임상진료지침 개발방법 기술지원, 지침 사용법 교육, 보급 및 홍보, 정보제공 사이트 운영 등의 역할 담당

3 지역한의임상센터 활성화 지원 및 확대

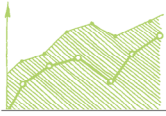
1 임상연구를 수행하는 지역한의임상센터 적극 활용

- 경희대, 원광대, 대전대 등 3개 대학 지원 중, 향후 2~3개 확대 추진 (수도권, 전라권, 충청권, 경북권, 경남권)

2 임상연구지원센터 설치·운영

- 교육, 인력 등 임상연구 수행 지원





보장성 강화 및 공공의료 확대를 통한 한의학 접근성 제고

3 한의학 보장성 강화

3.1 한의학 보험급여 제도 개선

현황

■ 전체 의료인(醫·齒·韓 총 15.8 만명) 중 한의사는 14%(2.1만명)이나 국민건강보험 한의 진료비 비중은 4.17%(54.5조 중 2.3조)(건강보험심사평가원, 2014)

※ 한의 건강보험 진료비 비중 : 3.85%(¹⁰년) → 4.02%(¹²년) → 4.16%(¹³년) → 4.17%(¹⁴년)

- 비급여 본인부담률도 의원은 18.4%이나, 한의원은 30.7%로 높은 수준(¹³년 기준)
- 전체적인 보장률은 일반병원의 60%, 의원급의 80% 수준에 불과
※ 건강보험 보장률 : 한방병원 30.8% vs. 일반병원 49.8% / 한의원 52.7% vs. 의원 61.3%(국민건강보험공단, 2015)
- 수요자의 한의학 접근성을 약화시키는 요인으로 높은 진료비 부담을 1순위로 지적
※ 한이로 개선사항 : 1위 고가의 진료비(40.9%), 2위 한약안전성확보(27.6%) (한국보건산업진흥원, 2014)
- 한약은 연조엑스제 뿐만 아니라 다양한 형태의 제형으로 개발·유통되고 있는데 반해 한의 건강보험은 산제 중심으로 급여*, 한약 관련 산업 발전 기여도 낮음
* 68종 단미엑스산제, 56개 처방 급여, 이중 7종의 처방에 대해 연조엑스제 보험 급여
- 한의 진료의 안전성과 유효성에 대한 과학적이고 객관적인 검증을 거친 실질적 연구 부족으로 건강보험 급여시 장애

■ 국민건강보험 이외에도 공공보험으로서 산업재해보상보험, 민간보험으로서 자동차 보험, 실손보험 등을 통해 급여·비급여 본인부담금에 대한 보장이 이뤄지고 있음

● 자동차보험은 가입이 강제된 보험으로 공공적 특성이 있으며, 건강보험에 비해 보장 범위가 넓고 상대적 비중도 더 높은 수준

- 자동차 보험은 '13년부터 관리체계를 강화하여 보험 청구 심사평가를 건강보험심사평가원에 위탁하여 전문관리체계로 전환

- 그러나 한의약 비중이 최근 증가한 상황에서 보험업계는 과잉·부당 청구 우려를, 한의원은 일부 수가가 여전히 현실을 반영하지 못한다고 지적

* 16.7%(918억 원, '13. 7-12월) → 18.9%(2,698억 원, '14년 전체)

주요내용

1 한의약 건강보험 확대 및 수가개발

① 다양한 수가개발 및 급여 확대

- 한의원에서 비급여 다빈도 처치 한의물리요법* 중 일부를 시범사업 등을 거쳐 급여화 추진 ('14~'18 건강보험 중기보장성 강화계획 기반영)

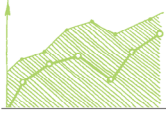
* 운동요법, 한의물리치료, 주사

- 난임, 양·한방 협진 등 적정 급여 대상을 발굴하여 시범사업, 포괄수가, 선별급여, 위험분담제 등 다양한 급여화 방식 검토 및 수가 개발 추진

② 보험급여 한약제제 합리적 개선

- 한약제제 급여기준의 합리적 개선을 통한 적정 진료 보장

- 다빈도 처방 중심으로 56개 처방을 검토하여 정비



③ 한의약 보장성 확대 추진체계 구축

- 한의약정책과, 보험급여과, 의료자원과, 건강보험심사평가원 등으로 한의약 보장성 확대 추진체계를 구축, '14~'18 중기보장성 강화 계획 및 수가개발 연구를 통한 한의약 보장성 확대 방안 모색

④ 비급여 의료비 관리체계 구축

❑ 자동차 보험급여 제도 개선

① 자동차보험 급여항목 개선

- 추나, 약침 등에 대한 기준 개선
- 급여 수준 적정성을 평가하여 재료비 등 수가 현실화



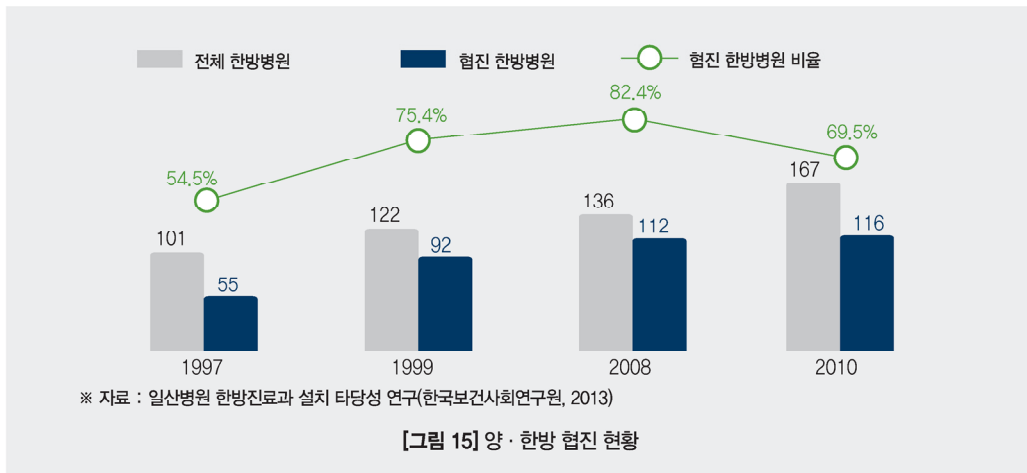
3.2 양·한방 협진 활성화

현황

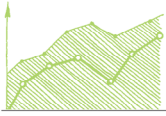
■ 복수면허자의 의료기관 동시 개설, 병원급 의료기관에서 교차 고용 허용으로 제도상 협진⁷⁾ 가능

- 협진 진찰료는 월 1회, 입원한 경우만 별도 청구가 가능, 동일 상병에 대하여 의과와 한의과에서 동시에 진단·처치·검사를 실시할 경우 선행 진단·처치·검사만 청구 가능(국민건강보험 요양급여기준에 관한 규칙)

※ 협진 한방병원은 116개소('10년)로 전체 한방병원 중 협진을 실시하는 병원의 비율은 '97년 이후 지속적으로 증가하다가 '08년 이후 감소하여 '10년에는 69.5%('10년)



7) 의료법 제43조 및 동법 시행규칙 제41조



[표 17] 양·한방 협진 다빈도 상병

| 외래환자 | 입원환자 |
|------------------|--------------------------------|
| 상세불명의 요통, 요추부 | 상세불명의 뇌경색증 |
| 상세불명의 무릎관절증 | 추가파 장애로 인한 좌골신경통 |
| 요추의 염좌 및 긴장 | 사지마비 NOS |
| 어깨 관절주위염 | 상세불명의 뇌내출혈 |
| 양쪽 일차성무릎관절증 | 요추의 염좌 및 긴장 |
| 안면마비 | 달리 분류된 기타 질환에서의 척추병증, 상세불명의 부위 |
| 추간판 장애로 인한 좌골신경통 | 양쪽 일차성무릎관절증 |
| 한쪽 일차성무릎관절증 | 감상선의 악성 신생물 |
| 테니스팔꿈치 | 안면마비 |

※ 자료 : 양·한방 융합기술 및 치료 서비스 개발 육성을 위한 제도 환경 구축 방안 연구(보건복지부, 2015) 재인용



◆ 주요 국가의 보완대체의학 협력 및 확대 현황

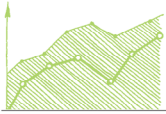
- 중국 : 1976년 중·서의결합 10개년 발전계획을 수립하고 중의학 및 중·서의결합 성과와 임상 경험 확산, 교육과정 정비를 통해 중·서의결합을 지속적으로 추진
 - 중·서의결합기관 및 병상 수는 선제기관 병상 수의 약 1%를 차지, 의료보험 확대로 지속적 증가 추세
 - ※ 중·서의결합병원 = 총 256개(기관 448개), 설치병상은 31,015개로 전체 병원급 의료기관 병상 수의 1%를 차지. 이용환자는 '05년 대비 '11년 약 2배 이상 증가하여 연간 28,948천 명



※ 자료 : 중국의 전통의학-양의학 협진서비스 현황 및 전달체계(대외경제정책연구원 · 한국보건사회연구원, 2012)

[그림 16] 중·서의결합병원 및 중·서의결합문진부 개설현황

- 미국 : 침술 등에 건강보험을 적용하고 있으며 국립보완대체의학연구소를 국립보완통합의학연구소로 변경하여 국립암센터 등과 함께 보완대체의학 임상연구 진행
- 유럽 : 전수조사를 통해 보완대체의학 현황을 파악, 안전하고 저렴한 비용의 지속가능한 보건의료체계 구축을 위해 CAM 2020*수립
 - * 유럽보완대체의학회(Network of European CAM, EUROCAM)의 보완대체의학 로드맵인 CAM 2020은 보건정책(안전성, 맞춤형약, 비용효율적 공급, 예방), 규정, 관련제품의 유용성, R&D 투자계획 등 포괄
- 일본 : 전통의학인 캠프(Kampo)가 현대의학에 편입되면서 단일화된 의료체계를 운영, 의사가 한약과 양약을 함께 처방 가능
 - 일본 의사면허 소지자는 일본 동양의학회가 정한 연수시설에서 3년 이상 한방의학 임상수련을 쌓은 자에게 한방전문의 자격 부여



주요내용

1 양·한방 협진 활성화 및 협진체계(수가) 마련

- ① 협진 활성화 : 의료기관 유형별(기관 간, 기관 내) 협진 모델 분석 및 표준 모델 도출
 - 다빈도 질환, 중증질환 등에 대한 협진모델 개발·보급
 - ② 협진수가 개선 : 협진에 대한 비교효과연구와 비용-효과 분석 등의 경제성 평가 연구를 통해 협진 수가 신설 등 개선안 마련
 - 협진 의료 수가 개선 등의 보장성 강화를 위한 임상 근거 수립
 - 협진 수가 신설을 위한 원가 분석 및 협진 의료비 지출구조 파악
 - 양·한방 협진 수가 대상질환 선정(16년) 및 시범사업 실시(17~20년)
- * 협진 수가 등을 적용하여 협진 활성화 유도
- * 현행 수가 : 입원 시 양·한방 협의진찰료 산정가능 (2~5회/1월), 외래에서 양·한방 동일목적 진료 반복 시 반복진료비용 전액보인부담



4 한의약 공공보건의료 강화

4.1 한의약 공공보건의료 강화

현황

■ 공공영역에서 한의의료 관련 인프라 부족, 역할 수행도 미흡

- 한의진료가 가능한 국공립 의료기관 부족
 - 현재 부산대학교 한방병원(200병상), 국립중앙의료원 한방진료부(3개과, 31병상), 국립재활원(2개과), 일부 국공립 보건의료원, 보건(지)소에서 한의진료 실시
- 한의약 공공보건의료 사업 수행기관이 부족하고 사업에 대한 낮은 인지도(11.8%)⁸⁾로 지역 내 활용이 미흡, 점차 축소되는 추세
 - 한의약건강증진사업 수행 보건소는 총 174개소(68%)(한국건강증진개발원 한의약건강증진 TF팀, 2015)

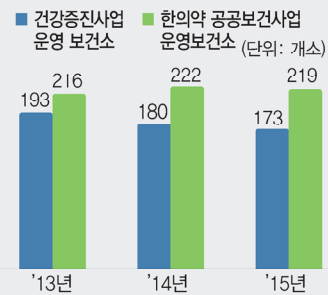
[표 18] 한의약 공공보건의료사업 수행현황

(단위: 개소)

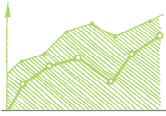
| | 한의약공공보건의료사업 수행 (Hub보건소+진료소 운영) | | | | | | | |
|----------------------|--------------------------------|------|------|------|------|------|------|------|
| | '05년 | '06년 | '07년 | '08년 | '09년 | '10년 | '11년 | '12년 |
| 허브보건소 수 | 23 | 30 | 35 | 45 | 55 | 65 | 70 | 85 |
| 한의약공공보건의료사업 운영보건소 수* | 177 | 177 | 191 | 161 | 206 | 201 | 204 | 206 |

* 전체운영보건소 수는 HUB 보건소(한의약건강증진사업) 또는 진료소를 운영하는 보건소의 총합이므로, 1개 보건소가 중복 집계된 경우도 있음

※ 자료: '05~'12년 한의약건강증진사업 발전방향 간담회 자료(한국건강증진재단, 2014)



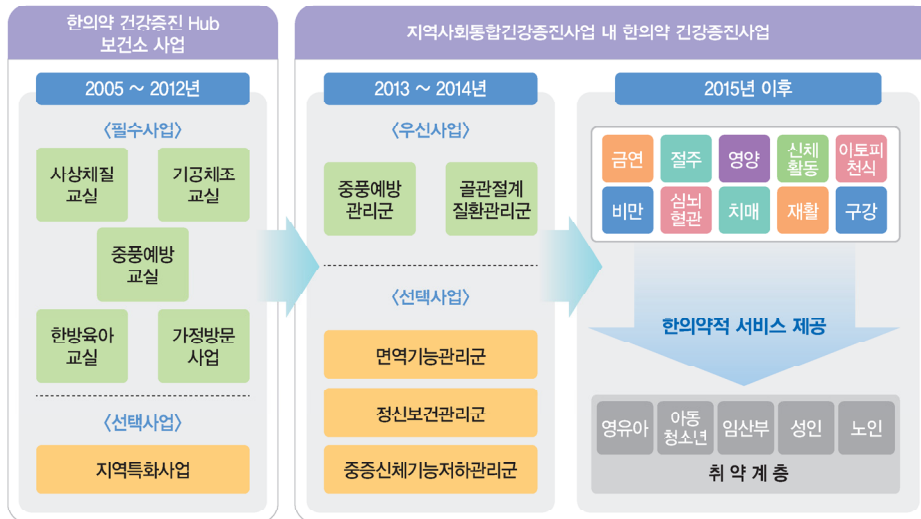
8) '15년 기준, 한국건강증진개발원 내부자료.



참고

◆ 한의약건강증진사업

- '13년부터 고령화, 건강 수명 연장 등 지역사회 건강문제를 해결하기 위한 통합형 보건의료서비스 제공
- 지자체가 자체적으로 프로그램을 운영, 한의약건강증진프로그램은 174개 보건소에서 생애주기별 취약 계층을 중심으로 748개 세부 프로그램 수행 중



※자료: 2015년 지역사회 통합건강증진사업 안내 : 한의약 건강증진(보건복지부, 2015)

[그림 18] 한의약건강증진사업 추진경과

■ 국가 공공보건의료 사업(HP2030) 흐름 변화에 맞추어 한의약 공공보건의료사업의 시스템 변화 및 인프라 확충 필요

* 생애주기별 건강증진사업 운영, 보건소 기능에서 진료비중 축소 및 예방 관리 확대, 국민건강증진종합계획 내 한의약분야 수립 논의 시작 등 변화된 상황에 맞는 한의약 공공보건의료 지원시스템 구축 및 전문가 역량 강화 필요

- 공공의료기관의 차별화된 한의약 공공보건의료서비스 제공과 연구기능 역할 강화를 위한 체계적 지원 필요성 대두

참고

◆ **중의약과 공공보건의료서비스**

- 중국은 중의서비스를 예방·보건·의료·재활분야로 구분하고 현(縣)급에서부터 기존병원, 보건소까지 중의약 공급을 확대하는 내용의 중의약법제정 추진
 - 중국 내 보건의료체계에서 중의서비스의 범위와 역할을 확대하고 있으며, 이를 공급 확대로 연결시켜 공공보건체계에서의 중의약 역할 제고 도모

주요내용

1 한의약 공공의료서비스 역할 강화 지원

① 국공립병원 내 한의약 보건의료 기능 강화

- 국공립병원 한의약 공공의료서비스 확대(부속병원 등)
- 국공립의료기관 협의체 구성 및 지원강화
- 광역단위 지원사업 개발 및 지역보건소 연계 강화

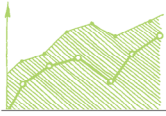
② 한의약 공공보건의료 지원 근거 마련

- 제5차 국민건강증진종합계획(HP2030)에 한의약건강증진사업이 독립된 중점과제로 인정 받도록 하여 사업의 지속적인 추진 근거 및 동력 마련

2 지역사회 한의약건강증진사업 활성화 지원

① 한의약건강증진사업 지원체계 마련

- 제5차 국민건강증진종합계획(HP2030)과 연계된 한의약건강증진 증장기 육성방안 마련
- 한의약건강증진사업 개념 정의
- 한의약건강증진사업 성과 관리체계 마련 및 성과지표 개발



② 한의약건강증진 프로그램 개발

- 한의약 건강증진 기법 발굴 및 연구를 통한 객관적 효과 검증
- 보건복지부 인증 한의약건강증진 프로그램 및 메뉴얼 개발·확산

③ 한의약건강증진사업 우수 보건소 인증 및 기술지원

- 한의약건강증진 사업 수행 우수 보건소 인증제도 도입 및 홍보, 기술지원 강화

④ 보건소 한의약건강증진분야 사업담당 인력 확충 및 역량강화

- 한의사의 보건소 배치기준(지역보건법 시행규칙 제6조제1항) 준수 독려 및 모니터링 등을 통해 한의약건강증진사업 전담인력 확충
- 공중보건한의사 표준 업무 지침 개발 및 교육 프로그램 활성화를 통한 담당자 역량 강화



Ⅲ

기술혁신과 융합을 통한 한의약 산업 육성

제1장. 수립배경과 성과

5 한약(재) 품질관리 및 유통체계 강화

5.1 한약자원 생산·보관·관리 체계 구축

제2장. 비전과 전략

현황

■ 나고야의정서 등 국제협약, 자원 고갈 등으로부터 자원을 보호·관리하기 위해 각국이 노력 중

참고

◆ 나고야의정서 발효와 생물 유전자원

- 나고야의정서 발효로 인해 생물 유전자원을 이용하는 국가는 그 자원을 보유한 국가에게 사전 통보하고 승인을 받아야 하며, 이로부터 발생한 이익은 상호 합의된 계약조건*에 따라 공유

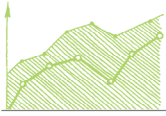
* 상호 합의조건에는 이익공유의 내용과 방법, 생물유전자원 뿐 아니라 유전자원 관련 전통지식까지 대상으로 포함

● 중국은 중약자원 보호 및 자원 다양성 확보를 위해 자원보호 관리체계 및 전통의학지식 보호 체계 수립 추진

- 야생 중약재 보호를 위한 38개의 약용식물원 운영
- '11년 이후 전국 중약자원일제조사를 다섯 차례 실시하여 자원의 종류, 분포, 매장량, 자원 변화추세 등을 데이터베이스화하고 중약재 유전자원창고 건설 추진

제3장. 분야별 세부계획

기술혁신과 융합을 통한 한의약 산업 육성



- 전통지식 보호법률은 따로 없으나, 중약이 포함된 약품을 지재권 보호범위에 포함(1992년), 중국 상표제도에 지리적 표시를 도입하여 중약지명 상표 선정

※ '12년 기준 중약재 108종, 상품 281종 등록

- 국내에서는 「생물다양성 보전 및 이용에 관한 법률」을 제정('12년)하고, 「한국 토종자원의 한약재 기반구축사업」을 통해 토종한약재 유전자원 196종 품목 확보

■ 원료 생산단계부터 안전 및 품질확보가 중요해지면서 중국, 일본은 계약재배 활성화를 통한 품질 표준 관리 추진

- 일본 : 한약재 원료 대부분을 수입에 의존하고 있으나 자국 생산을 늘리기 위해 중국 등 국외 재배지에 자체 개발한 경작시스템과 유지관리시스템 적용

* 쓰무라제약의 원료 한약 중 80%는 중국에서 수입, 15%는 자국생산, 5%는 기타지역 수입

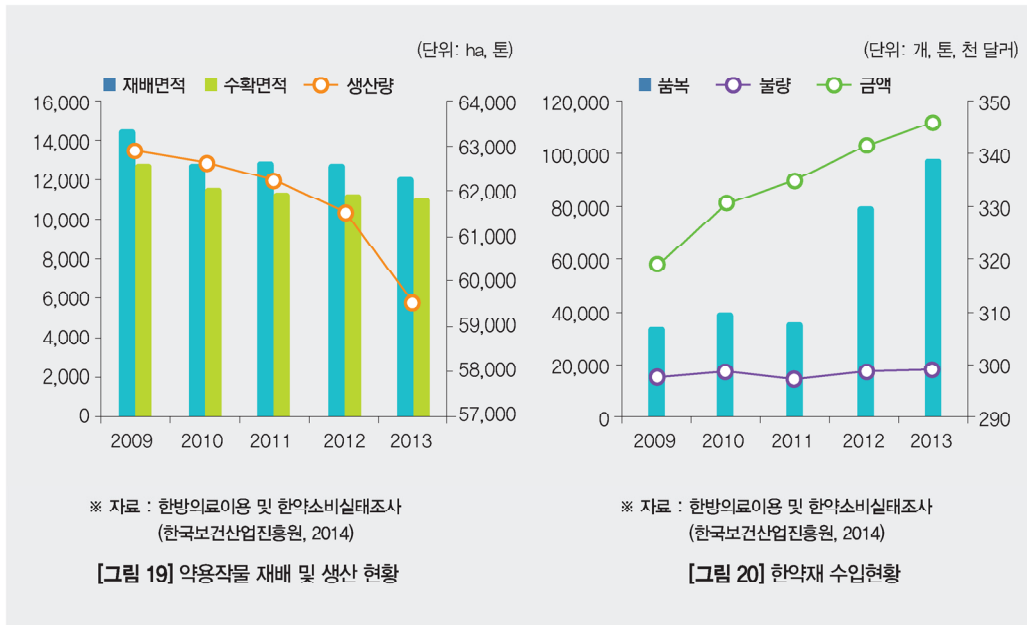
- 중국 : 우수중약재 품종 선택 육성, 중약재 규범화 생산재배시스템 구축, 중약재 품질표준 연구 등을 통해 중약재 표준화 기반기술 및 관리체계 성숙단계 진입

- '02년 「중약재 생산품질관리 규범」을 통해 약재의 생산품질 확보를 위한 전 단계를 규범화하고 국가식품약품감독관리국 감독하에 98개의 GAP 생산기지 설립 및 운영 중('13. 1월 기준)

■ 한국의 경우 약용작물 재배·수확면적 및 전체 생산량은 '09년도 이후 계속 감소, 한약재 총 수입량 및 수입금액은 높은 수준으로 증가

- 국내 약용작물 재배면적은 연평균 4.62%, 수확면적은 3.77%씩 감소

- '09~'13년 한약재 총 수입물량은 연평균 5.4%씩 증가, 수입액은 17.4%로 상당히 높은 수준으로 증가



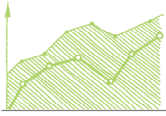
● 우수한약재 재배를 위한 집단화·단지화 조성 미비로 한약재의 품질규격 편차 존재, 규격화 미흡

- 한약재 중 GAP⁹⁾ 표준재배지침이 있는 품목은 50개 품목이며, 그 외 한약재 재배작물은 동일 식물 재배법 준용

한약재의 재배가 지역별로 분산되어 있어 표준화된 품질 규격 확보 불가

- GAP 표준재배지침의 미준용으로 지역별·재배방법별 품질 차이 발생

9) Good Agricultural Practice(GAP), 농산물우수관리제도: 농산물 생산단계에서 판매단계까지의 농산식품 안전관리체계를 구축하여 안전한 농산물을 공급하기 위해 시행되고 있는 제도로, 한약재로 이용되는 약용작물의 일부에 적용되고 있음.



주요내용

1 한약자원 기술개발

① 한약자원 감별기술 개발

- IPLC를 이용한 감별(fingerprinting), 유전학 기술 등을 활용한 감별기술 개발
- 우수한 국내 한약자원에 대한 생산단계 표식(tagging)기술 개발
- 한약자원 보노그래프 개발 및 확대

② 한약재 자원 수집 및 보존

- 한약재 원식물의 동속 및 근연식물 종 탐색 및 수집
- 확보된 약용식물 및 유전자원을 분류, 표본제작, 데이터베이스 등록
- 식물 분류학자를 통한 수집자원의 동정 및 확증

③ 지역 적응성 분석 및 한약재 자원 표준재배기술 개발

- 수집자원의 지역적응성 분석을 통한 지역별 재배작물 선정
- 신규자원의 표준재배법 개발을 통한 한약재 재배농가 표준재배기술 교육 추진
- 신규자원 중 지역적응성 및 한약재로 유망한 자원의 지역별 종자 확대보급 추진

2 토종 한약자원 국가관리 체계 구축

① 토종 한약자원의 재배 표준화

- 토종 한약자원의 GAP 수준의 재배기술 개발과 원료 표준화
- 발굴 자원의 재배 확대를 위한 종자 증식기술 개발
- 유망 약용자원의 유전자원 보존 및 종자 보급
- 대상품목 선정(50종 이상) 및 재배정보 확보('16년), 재배 표준화 추진('16~'20년)

② 토종 한약자원의 현대 과학화, 규격 표준화

- 토종 한약자원의 유전자원 확보 및 한약재 사용을 위한 규격 설정
- 내상품목 선정(50종 이상) 및 규격 표준화 추진('16~'20년)

③ 생물전환 대사체 및 분리 정제된 천연물질을 은행으로 구축, 한의약소재 통합정보 검색 시스템을 통한 연구 활성화

- 한의약소재로부터 단일 천연물질 및 생물전환 대사체 확보, 유·무상 분양을 통한 신기능성 제품 개발 지원
- 천연물질 및 대사체 추가 확보 8천개, 연구 소재 분양 4천 건 이상('16~'20년)

③ 한약(재) 독성연구 인프라 구축

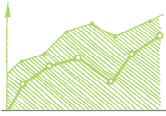
① 토종 한약자원 안전성 평가(독성평가) 시설 구축 및 장비 확충

- 비임상시험관리기준(Good Laboratory Practice, GLP)¹⁰⁾ 시설 구축 및 컨벤셔널 시설 보강
- 혈구분석기, 혈액생화학분석기 등 GLP 기준에 준하는 장비 구축
- 한약제제 수출을 위해 안전성에 관한 과학적 근거 마련
- 공정서 미등재 토종자원의 안전성 검증을 통해 공정서 등재 및 의약품, 건강기능식품 등 산업화 소재 개발

② GLP 기관 인증

- 기관 운영 전문 인력 역량 강화
- 단회투여, 반복투여, 유전독성, 복귀돌연변이, 소아독성 5개 분야 인증

10) 비임상시험기준: 시험 실시기관에서 수행하는 비임상시험의 계획·실행·점검·기록·보고되는 체계적인 과정 및 이와 관련된 전반적 사항을 정하는 기준



③ 토종 한약자원 안전성 평가 자료 확보('17~'20년)

- 설치류와 비설치류에 대한 독성 정보 확보(단회투여, 13주 빈복투여 독성평가 20품목 이상)
- 유전독성 및 복귀돌연변이 평가 20품목 이상

4 우수 한약재 생산 촉진

① 우수품종 육성 및 보급

- 종자보급센터 구축에 필요한 시설·장비 지원을 통해 고품질 다수성 품종 개발·보급 확대
- 우량종자 생산·보급 국가관리체계 구축

② 우수하고 안전한 한약자원 생산 확대

- GAP 인증 지원 및 인증면적 확대를 통한 약용작물 안전성 관리 강화
- 고품질 신품종 GAP 시범 재배* 확대를 통한 농가소득 증대

* 신품종 보급 및 GAP 재배기술 보급



5.2 한약(재) 제조 · 유통관리체계 선진화

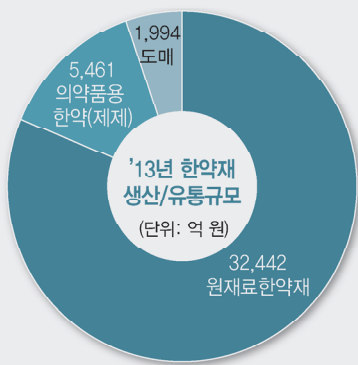
현황

■ 국내 한약재 생산량 감소 및 수입의존도 증가에도 불구하고 각국 공정서에 기재된 규격이 달라 수출입 시 문제 발생

- 기원종이 많아 한약재의 진위, 품질, 대용문제 등에 대한 이슈가 발생 규격화 곤란

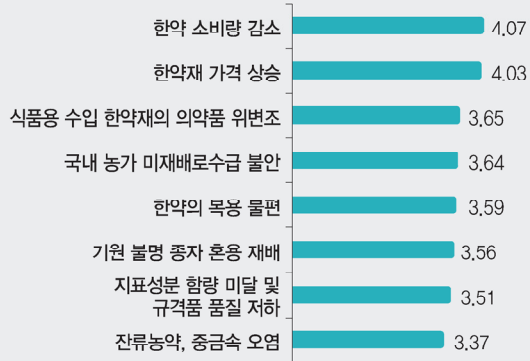
■ 한약재 품질검사 관리 강화로 안전과 신뢰가 확보된 한약재의 공급 및 유통 필요

- 한약제조업체 및 도매상, 한의병 · 의원 대상 설문조사에서 식품용 수입 한약재의 위변조, 기원 불명 종자의 혼용재배 등 한약 품질 및 안전성 관련 문제를 주요 이슈로 제시



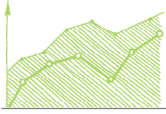
※ 자료 : 한방의료이용 및 한약소비실태조사 (한국보건산업진흥원, 2014)

[그림 21] 한약재 생산 · 유통 규모 추정



※ 자료 : 한방의료이용 및 한약소비실태조사 (한국보건산업진흥원, 2014) 5점 척도로 설문 · 측정

[그림 22] 한약 관련 이슈 현황

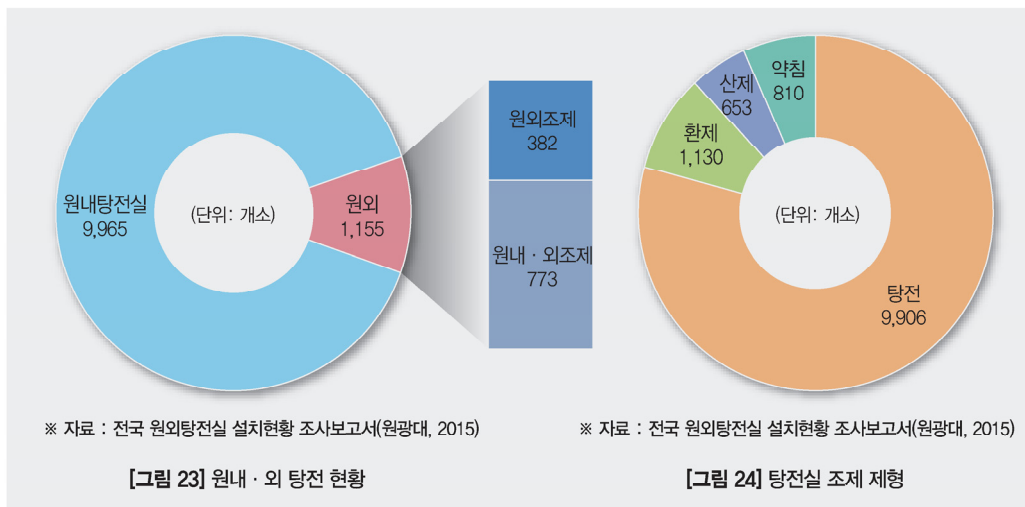


■ 국내 시중 한약재의 품질신뢰성을 높이고 안전성을 강화하기 위해 '15년부터 한약재 제조 및 품질관리기준(Good Manufacturing Practice, GMP) 전면 도입

- '15년 1월부터 한약재 GMP 전면 도입으로 한의의료기관에서는 한약재 GMP 인증을 받은 제조업소에서 생산한 규격품 한약재만 사용 가능
 - 한약재 GMP 적격업소의 대부분이 '14년 하반기에 집중적으로 등록(129곳, '15.7월 기준), GMP 적격업소 종사자들의 GMP 제도 이해도 향상 및 관리 강화를 위한 대책 필요

■ '08년 9월 의료기관의 원외탕전실 설치 및 탕전실 공동이용을 허용하는 의료법 시행규칙 개정 이후 원외탕전실 설치 및 이용의 지속적 증가 추세

- 원외조제를 하는 탕전실은 총 1,155곳으로 전체 한의원(설문대상 11,928개소) 9.7%, 탕전실(11,120곳) 중 10.4%를 차지
- 원외조제만을 하는 탕전실은 382곳으로 전체 한의원의 3.2%(원광대, 2015)
 - 탕전실에서 조제하는 제형은 탕전이 79.3%를 차지, 약침을 조제하는 탕전실도 810곳에 달함



- GMP 기준을 준수하여 제조되는 의약품과 달리 원외탕전실은 위생적인 시설관리, 조제과정별 품질관리가 미흡하며, 의약품으로서의 안전성, 유효성, 품질일관성 등 확보를 위한 관리기준이 부재
 - 원외탕전실은 증가하고 있으나, 관리는 현실을 따라가지 못하고 있어 관리 지침의 고도화 요구

주요내용

1 한약재 GMP 전면시행에 따른 관리 강화 및 제도 정착

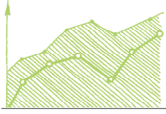
- ① 한약재 GMP 전면시행에 따른 관리 강화 및 제도 정착 지원
 - 한약재 GMP 업체 정기 감시 및 GMP 미승인 업체의 불법 제조·판매 행위 방지를 위한 관리 강화
 - 한약재 제조 및 품질관리 교육 프로그램 운영·홍보
- ② 한약재 제조·유통 관리 강화

2 한약공정서 개정 및 품질규격의 국제화

- ① 한약공정서 단일화 및 한약(생약) 기준규격 시험법 개선
 - 한약공정서 통합 및 기준규격 개선을 통해 한약(생약) 품질 규격 선진화 도모

3 원외탕전실 관리강화

- ① 원외탕전실 실태 파악 및 관련 지침 개정
 - 원외탕전실에서 조제하고 있는 한약 종류 실태조사
 - 주로 탕약, 환·산제를 조제하는 일반탕전실과 약침약제를 조제하는 약침조제 탕전실로 구분
 - 원외탕전실 지침 개정으로 약침 조제 탕전실 시설기준 강화
- ② 원외탕전실 조제한약의 제조 및 품질관리 방안 마련
 - 다빈도 약침약제 위생·안전관리 등 품질향상을 위한 규격·표준화 추진
 - 규격·표준화를 위한 제조공정 가이드라인 설정



6 기술혁신을 통한 한의약 상품화 지원

6.1 한약제제 개발 및 특화 지원

현황

■ 세계적으로 천연물의약품 시장은 성장 추세이며, 한약제제 또한 그 일부로 중국 중심으로 시장 확대

- 중국, 일본, 대만 등은 한약제제 산업의 발전 가능성을 인정, 90년대부터 한약제제 정책 도입 및 연구개발 투자
- 중국 : 중약 중심으로 천연물 유래 신약개발 활발, 중약 현대화를 위해 '02년 「혁신약물과 중약 현대화 계획」을 수립, 정부 차원의 투자 확대
- 일본 : 일본의 Herbal medicine 생산량은 전 세계 생산량의 약 11% 차지
- 대만 : 191억 원 규모로 수출('09~'13년 연간 성장률 11.3%)

[표 19] 아시아 주요 국가의 천연물의약품 시장 규모 및 건강보험 급여 현황

| 항목 | 중국 | 일본 | 대만 |
|--------------------|--|---|---|
| 생산규모 | 21조 원 ('12년) | 1조 5천억 원 ('13년) | 3,000억 원 ('14년) |
| 연평균 증가율 | 34% ('07-'12년) | 5.8% ('12-'13년) | 4.1% ('12-'13년) |
| 전체 의약품 생산 대비 비중 | - | 2.2% | 11.8% |
| 생산규모 대비 건강보험 급여 비중 | - | 1조 5천억 원 | 2,724억 원 |
| 건강보험 급여 범위 | <ul style="list-style-type: none"> • 중약음편, 중약탕제, 중약제제의 일부 약물을 제외하고 탕약 달이는 비용까지 전액 급여 적용 | <ul style="list-style-type: none"> • 생산규모 전체 수준을 보험 급여가 커버 • 148종(147처방, 생약 1종)이 의료용의약품 급여 적용('09년) | <ul style="list-style-type: none"> • 중약농축제제 400품목 이상 건강보험 적용 |

※ 자료: IMS health data(IMS health, 2013); 천연물의약품 연구동향(생명공학정책연구센터, 2015); 일본 후생성, 2014; 대만 제약산업연감, 2014

■ 국내 한약제제 생산 규모는 소규모로 정체된 상황

- 한약제제 생산규모는 '13년 2,867억 원으로 '02년(3,654억 원) 이후 감소
 - 제약시장 '13년 생산액(16조 1,918억 원) 대비 1.8%, 전체 제약시장 규모(19조 892억 원) 대비 1.5%로 미미한 규모

【표 20】 한약제제 생산 및 시장규모 (단위: 억 원, %)

| 구분 | | 2010 | 2011 | 2012 | 2013 |
|---------|---------|---------|---------|---------|---------|
| 세약 | 생산(A) | 155,696 | 154,403 | 155,607 | 161,918 |
| | 시장규모(B) | 189,084 | 189,438 | 188,300 | 190,892 |
| 한약제제(C) | | 2,552 | 2,465 | 2,817 | 2,867 |
| 비중 | C/A | 1.6 | 1.6 | 1.8 | 1.8 |
| | C/B | 1.3 | 1.3 | 1.5 | 1.5 |

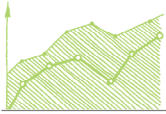
※ 자료: 2014년 제약산업 분석 보고서 (한국보건산업진흥원, 2014)

- 건강보험에 청구된 한약제제 약품비는 279억('14년)으로 142억('10년) 대비 약 두 배 증가
 - '14년 기준 건강보험 총 진료비 중 약품비 비중은 24.7%, 한의 총 진료비 중 한의약품비 비중은 1.2% 수준

【표 21】 건강보험 진료비 및 한의 진료비 비중 (단위: 억 원, %)

| 구분 | | 2010 | 2011 | 2012 | 2013 | 2014 |
|----------------|--------------------|---------|---------|---------|---------|---------|
| 건강 보험 전체 | 총진료비(A) | 436,570 | 460,760 | 482,349 | 507,426 | 545,275 |
| | 약품비(B) | 127,694 | 134,290 | 130,744 | 132,413 | 134,491 |
| | 총진료비 중 약품비 비중(B/A) | 29.2 | 29.1 | 27.1 | 26.1 | 24.7 |
| 한의 | 총진료비(C) | 16,827 | 18,069 | 19,410 | 22,304 | 22,724 |
| | 약품비(D) | 142 | 259 | 271 | 281 | 279 |
| | 총진료비 중 약품비 비중(D/C) | 0.8 | 1.4 | 1.4 | 1.3 | 1.2 |

※ 자료: 2014 급여의약품 주요 통계(건강보험심사평가원, 2015)



■ 첩약 중심의 한의약 서비스로 인해 제제 개발을 위한 유인체계 미흡

- 첩약의 높은 가격, 중국산 한약재 중금속 검출, 복용의 어려움, 약효 표준화에 대한 의구심, 건강기능식품(홍삼, 비타민 등) 시장 성장 등 다양한 난제 직면

* 국민들은 한의의료 개선필요 사항으로, 고가의료비(40.9%), 한약새안전성(27.6%), 치료효과의 불확실성(15.5%), 전문성 세고(9.2%) 등 요구. 한약에 대한 요구사항으로, 과학적 효과 입증(47.3%), 저렴한 가격(33.1%), 편리한 복용(15.0%) 등 요구(한국보건산업진흥원, 2014)

- 한약제제를 허가 받기는 비교적 쉬우나, 개발해도 보호되지 않아 투자 유인이 없음

- 제약회사 유인책으로 고서를 근거로 한약제제에 대한 각종 자료제출을 면제하여 생산이 용이해졌으나, 특허(독점권 확보)로 얻을 수 있는 이점이 없고 R&D 투자 동기 저하 및 해외 수출 시 걸림돌로 작용
- 한약제제 시장규모가 너무 작고, 한의의료기관에서도 외면하고 있어 투자 유인 없는 규제 강화는 한약제제 생산 포기로 이어질 수 있음

- 한의약 서비스를 한약제제 중심으로 전환하여 한의약 산업 육성과 세계시장 진출 추진 필요



주요내용

1 의약품 수준 허가 제품 보호

① 신규 한약제제 권리 보호

- 중국의 중약품중보호제도와 같이 품질이 안정적이고, 효과가 우수한 품목에 대해 특허 외에 별도로 등급을 부여, 일정기간 독점생산권을 보장해주는 제도 도입
- 건강보험 수가 인센티브로 제약회사의 생산 유인 제고

2 품질관리에 투지한 한약제제에 대한 수가 차등화로 인센티브 부여

- ① 기존 한약제제 품질균일성 자료 제출, 제형 현대화 등에 투지한 경우 수가 차등화를 통해 생산 유인

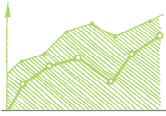
3 한약제제 연구개발 및 연구지원 공공인프라 구축 지원

- ① 한약제제의 새로운 효능을 이용한 신약, 효능이 강화된 양·한방 복합제제 등 블록버스터 한약 개발을 위한 기반 조성

- 한약제제의 새로운 효능 및 조성 발굴
- 한약제제 및 성분을 이용한 복합제제 개발

② 건강보험용 한약제제 제형 현대화 사업

- 휴대와 복용이 편리한 다양한 제형(연조엑스제, 정제 등) 개발로 한약제제 산업 활성화
- 건강보험용 56종 기준 처방 개선 및 개선 처방의 제형 개발
 - ※ 56 처방 중 다빈도 상위 15개 처방이 80% 정도로 나머지 처방은 실제 임상에서 활용도가 높은 처방으로 대체 필요
- 건강보험용 한약제제의 제조공정 규격 및 품질기준 재정비
 - ※ 혼합엑스제 56종, 단미엑스제 68종의 공정서(KHP) 기준과 시험법 재정비



- 건강보험용 한약제제의 한의약적 효능에 대한 과학적 평가를 통해 제제 효능 확인, 지표성분 및 성분프로파일 분석을 통한 유효성 확보
- 건강보험용 다양한 단미엑스 한약제제 개발
 - ※ 단미엑스신제 68종 → 150종 정제, 연조엑스 등 다양한 단미제형을 개발하여 기준처방의 가검 및 임의처방 활성화

4 약침 규격 표준화 사업

① 약침 약제 규격 표준화 사업

- 다빈도 한의약침약제 20종 규격 표준화
- 약침약제의 제조공정 및 품질관리 기준 설정을 통한 규격 표준화
- 약침약제의 안전성, 안정성, 유효성 평가
- 약침약제 제조 및 품질관리 가이드라인 마련
- 약침약제의 제약화 및 산업 활성화를 위한 자료 구축

5 한약재별 포제법 표준화·과학화 사업

① 한약재 포제법 표준화·과학화 사업

- 포제대상 한약재 선정 및 포제 전·후 성분변화 연구
- 포제 한약재 품질 표준화 및 기술이전
- 흡수성분 발굴 및 효력 평가(약동학적 접근)

6 제도 개선 및 지원

① 인허가 제도 개선

- 한약재 및 한약(생약)제제의 안전관리 수준 향상을 위한 의약품 허가 관리 체계 정비

② 산업계 지원체계 정비

- 한약제제 관련 산업계 활성화 방안 마련(판매 보존기간 제도 도입 등)

6.2 한약제제 활성화 기반 마련

현황

■ 한의 의료기관은 첩약에 비해 낮은 수익과 품질에 대한 낮은 신뢰로 한약제제 처방에 소극적

● 관련 직역 간 신뢰가 부족하여 갈등 요인이 상존

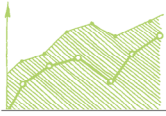
- 한의사는 90년대 한약분쟁 이후 「한약(생약)제제」의 임의적 용어 규정과 처방권 문제로 현 제도에 불민과 불안감 증폭
- 약사는 한의건강보험용 한약제제 취급에서 제외되면서 생약제제로 영역을 확보, 한약사와 조제권 갈등 지속
- 한약사는 한약제제는 취급 기능하나 생약제제 취급에 대한 논란 및 일반의약품 판매 문제로 이어지면서 약사와 갈등 지속

주요내용

1 한약제제 활성화 기반 마련

① 한약제제 발전 협의체 운영

- 한약제제 개념 기준 및 허가 관리절차 연구
- 신규 한약제제, 고서 기성처방·자가조제 한약제제 개선방안 마련
- 한약제제 기준 정립 및 비중 강화 연구
- 천연물신약제도 개선방안 연구



7 한의학 R&D 지원

7.1 한의학 R&D 지원 강화

현황

■ 주요 선진국은 근거중심연구 기조에 따라 보완대체의학의 안전성 및 효능 검증을 위한 연구 투자 지속

- 유럽에서는 보완대체의학 R&D 로드맵을 수립하고 보완대체의학의 안전성 및 통합의료모델 개발 등 '20년까지 투자할 6가지 연구영역* 선정

* ① 보완대체의학의 보급(CAM prevalence), ② 시민들과 보완대체의료 제공자의 니즈와 태도(Needs and attitudes of citizens and providers), ③ 보완대체의학의 안전성(CAM safety), ④ 비교효과연구(Comparative effectiveness research), ⑤ 맥락의 영향과 의미(Effects of context and meaning), ⑥ 보완대체의학의 통합 모델(Models of CAM integration)

- 미국의 국립통합의학연구소는 보완대체의학의 안전성과 유효성에 대한 근거기반 연구 주도

- 천연물 제품 관련 연구 : 시스템생물학적 접근법을 활용한 생물학적 효과, 작용기전, 안전성 규명, 중개연구와 신별된 제품의 타겟형 대규모 임상평가 등 수행

* 미국 국립보건원의 보완대체의학 관련 R&D 예산 규모 : '14년 3.67억 달러(29개 기관)

- 중국의 중의약 R&D 예산은 최근 10년간 3배 이상 증가, 중의우세병종 및 중성약 신약개발 등 중의약 확대와 신제품을 통한 신시장 창출을 위한 연구 지속

- '05년부터 중의우세병종 프로젝트를 시작하여 총 2,060만 위안을 투입했으며 이후 3차례에 걸쳐 103개의 우세병종 선정*(한국한의학연구원, 2014)

* 2형 당뇨병, 강직성척추염, 만성 B형간염, 기관지천식, 만성위축성 위염, 비염 등이 선정되었으며 최근 연구되고 있는 병종은 중풍, 요통, 위안통 등('10년 기준)

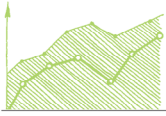
- 사스(SARS)와 조류인플루엔자 등 전염병에 대한 중의약의 치료효과를 바탕으로 중의 예방보건 서비스체계 및 중의예방보건서비스 과학기술체계 구축
 - * '13년 국가중의약관리국은 「중의약 예방보건(지미병) 과학기술 청신강요」를 발표, 예방보건사업의 기반을 확립하고 기술 체계를 구축
- 국가기본약물목록의 중약자원 이용보장 및 보전을 위해 상용약재, 도지약재, 멸종위기약재의 유전자원창고 건설 추진 중

■ **한의학분야 연구개발 투자 확대* 중이나 절대적인 금액은 여전히 미흡**

- '14년 부처별 한의학 R&D 총 투자금액은 832.9억 원*
 - * 정부 총 R&D 투자 규모 대비 약 0.5%, 보건의료 R&D 대비 약 6.4% 비중(한국한의학연구개발간위원회, 2014)
- 한의학선도기술개발사업을 통해 86억 원('14년) 규모로 치료기술개발, 임상 인프라 구축 등 추진(한국한의학연구개발간위원회, 2014)
- 양·한방융합기반기술개발사업을 통해 융합형 신약 개발 및 치료제 개발 등 한의학 확대 및 중개연구 등 추진

■ **한의학 관련 R&D의 확대에 따라 연구기획의 중요성이 강조되고 있으며, 한의학의 특성에 맞는 연구방법론 개발과 주변 학문의 수용과 융합을 통한 발전이 요구**

- 한의학 R&D 분야가 다양해지고 규모가 커지면서 기존 보건의료 및 생물학적 방법론 도입 활성화
 - 과학적이면서도 한의학의 특성을 반영한 연구방법론 구축 필요
- 빈약한 연구방법론 및 한의학 특성을 고려하지 않은 연구방법론 혼재
 - 한의학의 특성을 반영한 연구방법론에 대한 고민 없이 생물학적 혹은 보건의료 방법론을 수용
 - 한의학 관련 체계적 문헌고찰에서 효과에 대한 근거가 부족하다는 결론이 대부분으로, 그 이유 중 하나는 연구방법론이 약하다는 결론이 다수 존재



- 고서를 근거로 활용되는 한약제품 개발은 수출 시 과학적 신빙성이 부족, 한약자원의 산업화, 세계화를 위해서는 기초 임상연구가 반드시 필요
- 한의약에 대한 유전체 연구 자료가 부족하고, 기 구축되어 있는 유전체사업단은 한의영역과의 역할 공조 미미

주요내용

1 한의약 R&D 사업의 지원 강화

① 제품화 개발 지원

- 한약제제, 한의 의료기기 등 제품 개발을 위한 비임상·임상연구 지원

② 근거창출 중개·임상연구 지원

- 과학적 근거 창출을 위한 중개연구, 임상연구 및 국제공동연구 등 추진
- 우수한 근거를 바탕으로 한의약 보장성 강화 연계

③ 한의약 임상 인프라 지원

- 임상연구 및 임상시험 활성화를 위한 지역한의임상센터(경희대, 원광대, 대전대) 지원 및 지역권을 고려하여 확대 추진
- 한의약육성법에 근거한 '한방임상센터' 지정 추진 및 지원·활용 확대

④ 양·한방융합기반기술개발사업 확대

- 양·한방융합기술개발 과제 지원 확대
- 협진 우수 질환 발굴 및 치료기술 개발

2 한의약 국가 R&D 사업의 구심점 강화

① 「한의약 R&D 발전협의체」 기능 강화

- 정기적 운영으로 한의약 관련 부처 및 유관기관(산학연) R&D 계획, 정책 등 협의 기능 강화

② 부처 간 연계사업 확대

- 다부처 R&D 사업 기획 및 수행

* 한약재산업육성과 국제경쟁력 강화를 위한 다부처 사업('15년 식약처 주관)

3 신규 수요를 반영한 연구 투자 확대

① 감염병·전염병 관련 연구 지원

- 감염병·전염병에 대한 한의약적 접근 방안 검토 및 국외 네트워크 구축
- 항바이러스 효과 한약재 개발 등 유행 감염병·전염병 비임상연구 지원
- 주기적·일시적 감염병·전염병에 대한 한의약적 임상연구 진행

② 신규 수요 분야 연구 투자

- IT 융합 연구, 건강증진 연구, 미병 연구 등 다양한 수요를 반영한 연구 지원

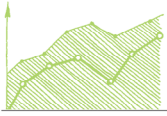
4 한의약 연구자에 대한 연구 역량 강화

① 한의학 관련 국내·외 공동연구 지원 및 기반 확대

- 한의학 및 의과학자의 공동연구 기반 확대
- 해외 우수연구자와의 공동연구 지원

② 한의 기초분야 연구지원을 통한 우수 한의과학자 양성

- 한의 기초연구 분야 연구 확대



7.2 한의약 기반 제품개발 및 지원

현황

■ 인구증가 및 고령화로 건강수명 연장에 대한 관심이 고조되면서, 외과적 치료와 항생제 사용을 지양, 천연물 기반 치료 및 제품 수요 증가

- 미국의 천연물 건강보조식품 및 일반의약품 시장은 '16년까지 200억 달러를 초과할 것으로 전망되며, 기존 의료비 대비 저렴한 비용, 안전성을 강점으로 하여 지속적으로 성장할 것으로 예측(한국바이오협회, 2014)
- 한약재·전통처방을 기반으로 한 화장품, 건강기능식품 등 관련 산업 성장
 - 국내 건강기능식품 생산규모는 '12년 1조 4천억 원 도달
 - 한방화장품시장 규모도 꾸준히 성장하여 '11년 기준 전체 화장품 생산량의 23% 차지
 - ※ '11년 전체 화장품 생산실적 6조 3,856억 원, 한방화장품 생산실적은 1조 5,169억 원
 - 중국 화장품 시장 증가 추세와 함께 한국 화장품의 중국 진출도 가속화
 - ※ 2014년 중국의 한국 제품 수입규모는 13억 위안, 2012년부터 3년간 14% 증가(한국무역협회)

■ 전통의학을 기반으로 안전성과 효능을 검증한 제품개발과 한약(재) 응용제품 시장의 성장 지원 필요

- 한약재는 의약품이나 식품에 사용되는 경우 각각 적용되는 규제 기준과 함유되는 성분 및 함량이 상이, 화장품과 건강기능식품 등도 표준화된 기준과 규격 부재
- 원료부터 제품 생산까지의 표준화 및 규격화가 필요, 이를 기준으로 향후 응용제품 개발 추진

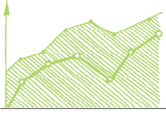
■ 한약제제는 기성한약서 처방만 허가되고 있으며, 의료기기는 시장 규모가 영세하여 제품 개발에 대한 산업적 동기 부여 부족

- 다양한 원료, 가공법, 첨단 과학기술을 이용한 한약제제 제품개발 허가 제도 마련 필요
 - 한약제제는 건강보험 급여항목으로 포함되어 있지 않아 기업의 한약제제 개발 동기 부여 미비
 - 한의약 산업계에 대한 불합리한 규제 개선 필요
- 한의 의료기기의 경우 보험 등 시장 활성화를 위한 제도 개선 필요
 - 현재는 의료기기 개발을 위한 동기가 부족, 의료기기 시장 규모를 확대하여 연구개발을 활성화할 수 있는 제도적 개선이 필요

참고

◆ 중의약 산업 현황

- 중의약산업은 정부의 육성지지와 함께 연간 30%의 높은 성장세를 지속하고 있으며, 중의를 기반으로 추출물부터 중성약까지 다양한 제품 수출
- 나고야의정서 대응 등 장기적인 중의약산업 성장을 위해 중약자원 관리체계를 수립하고, 중의약 표준화를 기반으로 한 산업성장 도모
 - 중약자원일제조사를 실시해 생태환경, 해발, 분포구역 등의 시범조사를 통한 정보 확보, 데이터베이스화 및 공유 등
 - 「중의약 표준화 중장기 발전규획강요(11-20)」를 통하여 국가표준 및 영업표준 다수 제정
 - ISO/TC249에서 용어, 한약제품, 의료기기 작업그룹별 활동을 통해 중국 산업표준을 국제표준으로 제정하기 위한 진방위직 지원 지속*
 - * 국가표준 37항목, 영업 및 영업조직표준 450항목 등
- '12년 중국 중성약 수출은 2.7억 달러로 전년대비 15% 증가
 - 중약류의 수출·입액은 전체 의약 및 보건상품 수출입 금액의 각각 5.2%, 2.2% 차지(11년 기준)
 - 주요 수출 대상국은 일본, 미국, 싱가포르이고, 수출 비중은 원료추출물, 중약재, 음편, 중성약 순으로 나타났으며 원료추출물과 중성약의 비중이 증가
 - ※ 자료 : 중국중의약동향보고서(한국한의학연구원, 2013)



주요내용

1 한약재 기반 건강기능식품 전문관리체계 수립

- ① 건강기능식품 품목 제도 관리

2 한방화장품 산업화 촉진

- ① 글로벌 화장품 육성 인프라 구축

- 화장품 해외 판매장 개척 지원 및 시장정보 제공을 통해 한방화장품을 포함한 화장품 산업 시장진출 지원

3 의료기기 산업 지원 및 활성화

- ① 한의학을 이용한 진단기기 등 의료기기 개발

- 통증에 대한 한의학적 기능 진단법 등을 응용한 통합적 진단 기술 개발

4 한의약 지역 클러스터 조성 및 확대

- ① 한의약지역혁신센터 설치 확대

- 한의약바이오 제품 임상효능시험을 지원하여 고부가가치 바이오메디컬 제품 생산 지원



IV

선진인프라 구축 및 국제경쟁력 강화

제1장. 수립배경과 성과

8 한의약발전 인프라 마련

8.1 한의인력 전문성 강화

제2장. 비전과 전략

현황

■ 매년 약 850~900명의 한의사가 신규 배출, '15. 6월 기준 한의사 수는 22,760명¹¹⁾ 이중 전문의는 2,611명(13.75%)

- 한의사 공급 과잉 현상으로 신규 졸업자 실업을 증가, 기존 한의원 폐업 가속화
- 동시에 한의 전문의를 필요로 하는 한방병원은 증가*

* 한방병원 수 258개(30개 이상 증가/년), (건강보험심사평가원, 2015)

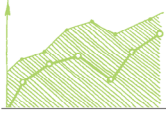
[표 22] 한의 전문의 인력 배출 현황

| 과목 | 2015년(명) | 비중(%) | 증가율(%) |
|------------|----------|--------|--------|
| 한방내과 | 964 | 36.92 | △8.26 |
| 침구과 | 533 | 20.41 | △0.23 |
| 한방재활의학과 | 355 | 13.59 | 5.34 |
| 한방부인과 | 216 | 8.27 | 0.71 |
| 한방신경정신과 | 159 | 6.08 | 0.81 |
| 한방안이비인후피부과 | 150 | 5.74 | 0.24 |
| 사상체질과 | 139 | 5.32 | 0.74 |
| 한방소아과 | 95 | 3.63 | 0.65 |
| 합계 | 2,611 | 100.00 | |

※자료 : 대한한 의사협회 내부자료(대한한 의사협회, 2015)

11) 2015년 6월 심평원 의료자원(한의사 수) 통계

제3장. 분야별 세부계획
선진인프라 구축 및 국제경쟁력 강화



■ 한의학 교육과정과 배출된 한의 인력의 질적 향상 필요

● 한의사와 한의 전문의 임상훈련 차별화 필요

- 향후 전체 한의사 중 15~20%가 전문의가 될 것이 예상되는 바, 전문의 역량강화를 위한 한의과 대학 교과목 재정비 및 보수교육 차별화 방안 마련 필요

주요내용

1 역량중심의 대학 교육시스템 강화

① 한의학 교육 평가 시스템 정착

- 한의학교육평가원이 대학평가 인증기관*으로 인정받을 수 있도록 추진
 - * 한의학교육평가원이 교육부 인정을 받아야 적극적으로 평가인증 유도 가능
- 대학 인증평가 기준 개선 및 인증 독려*
 - * 의료법 제5조(17년 시행)에 따라 미인증 한의과 대학 한의과 졸업생들이 면허시험에 응시할 수 없다는 내용의 홍보를 통해 한의과대학의 인증 유도

② 한의사 국가시험 구조 개편

- 실제 임상 역량 강화를 위한 임상술기시험 도입 및 문제 해결형 문항 구성을 위한 국가시험 과목 구조 개편
- 임상 역량 강화를 위한 한의사 국가시험의 구조 개편 및 교육 표준화를 위한 기초한의학 종합시험의 도입
- 역량 중심의 국가시험을 위한 준비기('16~'18년, 출제자 역량 강화 및 문제은행의 점진적 교체), 이행기('19~'21년, 일정한 비율로 국가시험에 적용), 전환기('22~'24년, 실기시험 등 다양한 역량을 평가하기 위한 시험방법 전환)

③ 한의약 교원의 전문적인 역량 강화를 위한 한의학교육연수원 설립 추진

- 한의약 분야 교원들 대상 교수방법론 강좌, 표준적인 임상술기교육 연수 등 제공

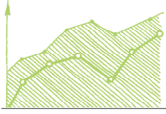
- 역량 중심 한의학 교육을 위한 교수학습법, 강의계획서 작성, 합리적인 평가법 및 출제법 등의 연수 제공
- 한의표준임상진료지침에 따른 기본교육 및 졸업 후 교육 및 보수교육이 진행될 수 있도록 교수를 대상으로 지식, 술기 및 태도 교육 시행
 - ※ 서울대학교 내 의학연수원(의학분야), 치의학연수원(치의학분야)을 통해 전공 교수들 대상의 상시적인 연수교육 프로그램 운영

2 졸업 후 보수교육 내실화

1 보수교육 내실화를 위한 구조개선

- 전문 직업성 평생교육(Continuing Professional Development, CPD) 개념을 실현하는 보수교육 평가시스템 도입 및 이수평점 개선





8.2 한의학 지식정보화 및 국가자원화

현황

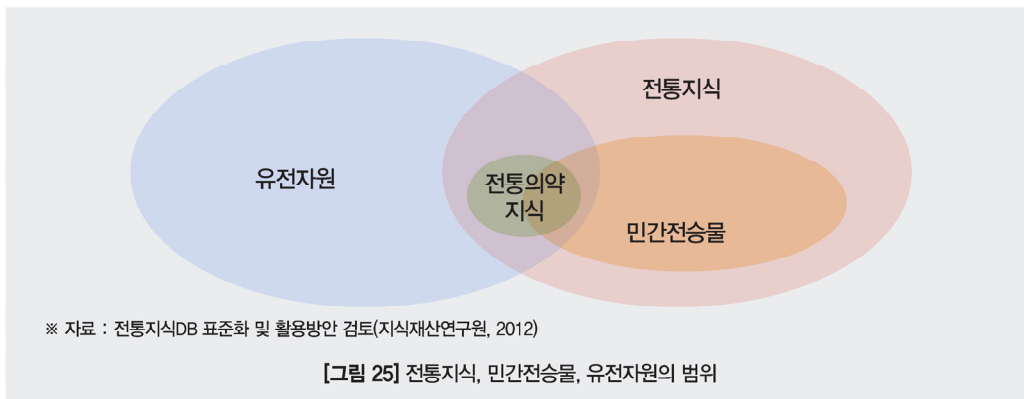
- 한의학 이론의 현대적 응용 및 한의학 산업 발전을 위해 데이터 웨어하우스 등 한의학 정보지식자원화 필요성 증대
- 생물다양성협약(CBD), 세계지식재산권기구(WIPO), 세계무역기구(WTO)에서 전통지식의 권리행사 및 이익 공유에 대한 논의 진행 (한국지식재산연구원, 2012)

참고

◆ 세계지식재산권기구와 전통지식의 국제적 보호

세계지식재산권기구(WIPO)는 '01년 각국 전통지식의 국제적 보호에 관한 논의 시작 후 '03년 전통지식문헌을 선행·기술에 포함하는 것에 합의했으며, 이후 미국, 캐나다, 호주, 인도 등은 전통지식 데이터베이스 구축 중¹²⁾

* 데이터베이스는 전통지식에 대한 합법적 접근방법을 제공하는 동시에 전통지식의 오남용을 적절하게 방지 가능(WIPO : Databases To Protect GRs, TK, Useful But Some Controversy, 2015)



12) ABS산업지원센터 해외동향, WIPO : 유전자원, 전통지식의 데이터베이스, 2015-6-29, <http://www.abs.kr/>

- **국내는 나고야의정서* 시행에 따라 전통지식자원 발굴 및 데이터베이스화 추진(각 부처), 전통자원의 지재권 보호에 대한 제도(국제특허조약 최소 문헌화 등) 마련 등을 통해 대응 방안 마련**

* 나고야의정서에서는 유전자원에 관한 전통지식으로부터 발생한 이익공유 내용과 방법에 대해서도 자원 보유국 및 이용국간 합의가 필요함을 명시

- **전통지식의 부처별 관리 업무 기준에 따라 관련 데이터베이스 별도 구축**

- 특허청에서는 '07년부터 한의학분야에 대한 전통지식을 중심으로 한국전통지식포털* 운영 중

* 한의학·약학·식품 등 관련 논문 29,489건, 한의학·중의학 고전문헌 수록 약재정보 5,500건, 처방정보 20,121건, 병증 정보 및 관련 양방병증정보 12,500건, 한·양방병증매핑 사전 2,630건, 약재·처방·병증에서 추출한 키워드 및 국제특허 분류정보 38,121건 등¹³⁾

- 한국한의학연구원은 전통의학정보포털*을 운영, 한의학술논문 및 한약처방 등 탑재

* 한의학술논문 26,800건, 참고문헌 491,172건, 한의연구보고서 2,847건, 한의약통계 656건, 한약처방 35종 등¹⁴⁾

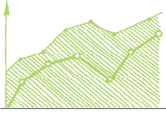
■ **한의학 관련 전통지식을 보호하기 위해 세계문화유산 등재 등 문화유산으로서의 가치 보존 필요**

- '13년 「동의보감」을 세계문화유산으로 등재한 바 있으나, 「의방유취」, 「동의수세보원」 등 아직 문화적 가치를 인정받지 못하고 있는 전통지식 존재

- 「동의보감」에 이어 한의학 무형(문헌)자산에 대한 체계적 분석 및 데이터베이스 구축 필요

13) 한국전통지식포털. <http://www.koreantk.com/ktkp2014/about/introduction.page>

14) 전통의학정보포털. <https://oasis.kiom.re.kr/main.jsp>



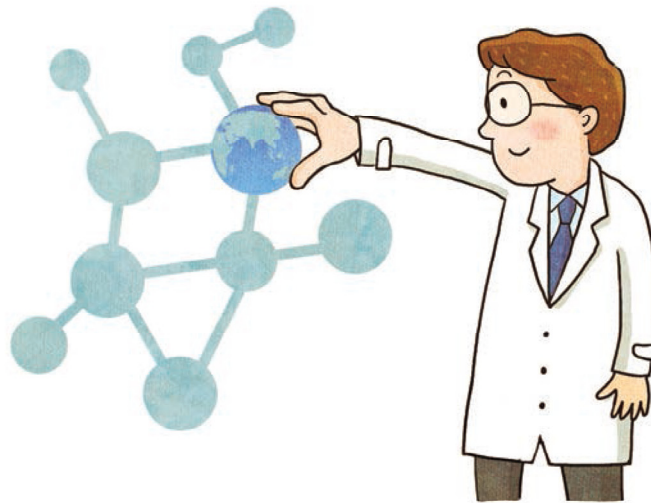
주요내용

1 한의약 지식자원 확대 구축

- ① 「동의보감」에 이어 「의방유취」등 전통의서에 대한 번역과 분석
- ② 문헌, 고문, 학술지 등에 산재된 전통지식 정보를 체계적으로 데이터베이스화하여 전통지식의 국제적 보호기반 마련
 - 체계화된 전통지식 데이터베이스를 국민에게 제공하여 전통지식의 학문적·산업적 활용 촉진

2 한의약 지식 재산권 국제 질서 대응

- ① 나고야 의정서, 세계지적재산권기구 대응
 - 진단, 침구, 제실, 포제, 제약 기술 등 무형의 한의전송기술을 발굴, 소사 및 보존사업 등을 통해 국가적 차원의 사전기술 데이터베이스 구축



8.3 한약진흥재단 정책지원 기능강화

현황

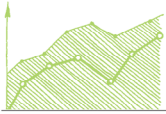
■ 한의약 세계화 및 국제경쟁력 확보를 위한 다양한 법적·제도적 기반 조성 미흡

- 한의약 발전 및 세계화를 위한 정책 기반의 중요성이 강조되고 있으나, 한의약 산업 육성 지원을 위한 법(의료법·약사법 등) 및 제도 미흡
- 한의약의 법적·제도적 기반 조성을 위한 정책 지원 조직 필요

■ 한의약 산업 육성 관련 사업 추진 시 각 추진 주체 간 연계 부족

- 복지부·미래부·산통부·식약처 등 관계 부처에서 다양한 사업 수행
- 지역별로 한의약 산업 기관을 통해 한의약 기초연구 및 산업 육성을 지원하고 있으나 연구 기관 간, 지역 간 협력 미흡
 - 지역별 한의사업 특성화 및 고부가가치 산업 창출을 위해 산·학·연 클러스터를 활용한 한의약지역혁신센터(RIC)*를 설립하였으나 연구기관 간 협력 미흡
- 통일된 중장기 목표 하에 투자 효율성 및 시너지 효과 극대화, 정책개발(Think-Tank) 등을 지원할 컨트롤 타워 역할 정립 필요

* 대구한의대 한방생명자원연구센터 RIC, 대전대 난치성 면역질환의 동서생명의학 연구센터, 세명대 한방바이오 임상지원센터



주요내용

1 한의약 기술 개발 및 산업 진흥을 위한 정책 지원(한약진흥재단, '16~)

① 한의포럼 구성·운영 및 협업 체계 구축

- 국내·외 관련 분야별 한의약 발전 방안에 대한 전문가-현장-정부 간 정책 공론화 및 홍보체계 마련

* 전례포럼 격월(또는 분기별), 국제포럼 격년제 실시(한의학 단체·기관과 공동)

② 국내·외 한의약 산업·정책 동향 분석 및 정보공유

- 한의 건강보험(요양급여, 약제 등), 한의약산업, 한의약 서비스(한방병원, 한의원 등) 관련 통계 생성·발간
- 한약제제 등 한의약산업 해외 진출을 위한 세계전통의약 국가의 교육과정, 면허발급절차, 면허범위 등 면허제도 비교 분석 및 법령 해석(격년 발간)



9 한의약 국제경쟁력 강화

9.1 한의인력 국제교류 및 한의약 세계화 활성화 지원

현황

■ 국내 대학, 병원 등을 중심으로 전통의학 인력교류 및 한의의료 관광객 증가 등 한의약 수요는 증가하고 있으나, 개별 사업 위주로 성과축적, 성공모델 구축 등 부재

- 국내 한의의료 관광객은 '10년 4,191명에서 '13년 9,554명으로 지속적 증가
- 국내 한방병원의 해외 진출도 지속적 증가*
 - * 국내 한방병원 진출 '13년 미국 21개, 중국, 일본, 캐나다, 카자흐스탄 각 1개
- 한의약 세계화 사업의 일환으로 국내 전문가 국제역량 향상 지원 중
 - WHO 본부(HQ) 및 WHO 서태평양지역사무처(WPRO)에 국내 전문가 파견

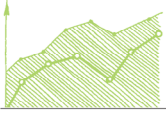
■ 한의약 교육, 임상, 서비스별 인력교류 및 협력 모델 구축이 필요

- 한의약 국제전문가의 체계적인 관리와 국제전문가 양성을 위한 교육기관, 표준화된 교육 프로그램 및 교육자료 부재
- 한의약 인력 교류 및 해외 교육이 산발적으로 수행, 총괄 관리 체계가 필요

■ 한의약 해외 진출을 위한 한의치료 기술 및 한약 등에 대한 콘텐츠 마련 필요

- 한의서 번역 작업을 통한 한국 한의약 세계화 기초 작업 필요
- 한의약 수요가 있는 베트남 등 동남아 지역의 한의용어 다국어 번역 작업 필요

* 중국은 '중의침구'를 세계무형유산에 등재하여 침구분야 지적소유권 독점 시도



참고

◆ 중의약의 국제교류 현황

• 중국은 관련 학회를 중심으로 비아시아권 국가 간 교류 활동 전개

- 세계침구학회연합회(WFAS)*, 세계중의약학회연합회(WFCMS)** 운영을 통해 학술교류 및 표준화 활동 전개

* 세계침구학회연합회(WFAS) : '97년 중국에서 설립된 침구 관련 학회로 '13년 기준 51개국 149개 학회가 가입되어 있는 WHO와 비정부단체 협약에 의한 국제 기구 연합회

** 세계중의약학회연합회(WFCMS) : '07년 중의약의 품질 향상과 발전을 도모하고 의학계의 중추 역할을 담당하기 위해 설립된 기구로 27개국을 중심으로 운영

주요내용

1 한의약 해외환자 유치 활성화 ('16~)

① 한의약 해외환자 유치 역량 강화

- 한의약 해외환자 유치 특화프로그램 개발 지원, 한의약정책위원회 및 한의약 해외환자 유치 포럼 운영, 한의약 해외환자 유치 상시 컨설팅 운영 등을 통한 해외환자 유치 활성화 도모

② 전략적 마케팅 홍보

- 한의약 해외 홍보회, 한의약 브랜드 홍보, 한의약 홍보관 운영 등을 통한 한의약 해외 인지도 향상

2 한의약 해외진출 촉진

① 국내 전문가 대상 한의약 해외 진출 전문가 양성

- 한의약 국내 전문가 대상 해외 진출 교육 매뉴얼 개발 및 훈련 프로그램 구성 운영

② 해외 전문가 대상 한의약 전문가 양성

- 한의약 해외 인지도 제고를 위해 해외 전문 인력 대상의 인·아웃 바운드 형식의 교육 훈련 실시 및 다언어 교재 개발

③ 해외 거점센터 설치를 통한 네트워크 강화

- 러시아 의과대학 내 한의사 파견, 카자흐스탄 문화원 내 한의약 프로그램 운영, 미국 학술 대회를 통한 현지 한의사 네트워크 강화

④ 총괄 컨트롤 타워 설치를 통한 국내·외 네트워크 관리 강화

- 한의약 해외 진출 총괄 기관 구성을 통해 한의약 정보공유, 최신 국제동향 파악, 공동학술대회 개최 등을 하고, 국내·외 네트워크 간 유기적인 협조 체제 강화

⑤ 한의약 산업 해외 진출 지원 제도 마련

- 한의약 해외 최신 국제 산업 동향 모니터링 실시를 통해 한의 산업 정책 수립 지원

3 한의약 ODA 확대

① 해외 한의약 봉사활동 다각화

- 기존 아시아 위주 국가 봉사활동에서 남미 등 봉사활동 다변화 노력을 통해 한의약의 국제적 인지도 제고

② 한의약 해외공공보건사업 확대

- 기존 금연, 비만 프로그램 이외에 수원국의 보건의료 특성을 반영한 맞춤형 한의약공공보건 프로그램 보급을 통한 한의약 현지화 노력

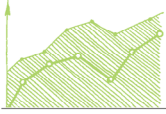
4 한의약 국제브랜드 제고

① 한의약 제품 브랜드 이미지 제고를 위한 스토리텔링 사업

- '동의보감' 등 우수한 한의약 성과에 대한 다양한 스토리텔링을 통한 우수성 홍보 및 한의약 대표 이미지 개발

② 한의약 고유 콘텐츠 및 기본서, 교재 등 번역지원 자료 선정

- 「동의보감」영역에서 축적된 인력인프라 활용 콘텐츠 개발
- 한의서 번역을 위한 다국어 번역시스템 구축 및 병증·치료기술 용어 사전 편찬



9.2 한의 국제표준화 기반구축

현황

■ ISO(국제표준화기구) 내 전통의학과 관련된 기술위원회(ISO/TC249, Traditional Chinese Medicine) 신설('09. 4월)

- ISO/TC 249에 한국, 중국, 일본, 인도 등 총 35개 회원국이 참여

* 국제표준 출판인료 5건('15.11월기준) : ① Ginseng seeds and seedlings, ② Sterile acupuncture needles for single use, ③ Determination of heavy metals in herbal medicines used in TCM, ④ Herbal decoction apparatus, ⑤ General requirements of moxibustion devices



- 한국은 ISO의 전통의학분야 국제표준화 활동에 참여하여 국제 표준 제안
 - '14년 보건복지부는 「한의약표준화전략로드맵(2015-2024)」을 수립, 표준화 추진을 위한 기틀 마련
- ISO/TC215¹⁵⁾에서도 한의약 의료정보 관련 표준화 진행

15) 의료정보학 위원회(Technical Committee 215): ISO에 설립된 기술위원회 중 하나로 보건의료 정보학(health informatics) 분야의 표준화를 목표로 활동

■ WHO는 '14년 발간한 「전통의학전략 2014-2023」에 따라 임상의료정보 표준화, 침구 경혈 표준화, 한약 표준화, 임상진료지침 등의 활동 중

- WHO는 전통의학 국제분류체계(ICTM) 프로젝트를 진행, 국제질병분류(ICD) 11차 개정판에 전통의학 질병명과 변증명을 신규 챕터로 포함하는 작업 진행

* ICTM: International Classification of Traditional Medicine, ICD: International Classification of Disease

주요내용

1 한의약 표준화 전략 기획·실행('16~'18)

- ① 한의약표준화전략로드맵*(2015-2024) 실행 모니터링

* 4대 분야(용어, 한약, 의료기기, 서비스) 기술 표준에 대한 우선순위 및 추진 전략

- 4대 분야에 대한 표준화 아이템 별 실행 계획 수립 및 국내·국제 표준안 마련

2 전통의학 국제표준 제정 참여('16~'20)

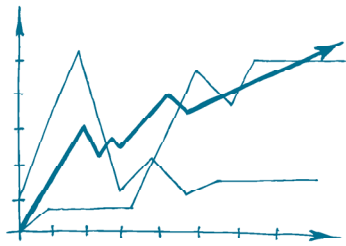
- ① ISO, WHO의 국제표준 제정 참여 및 표준안 제안

- 국제표준 동향을 지속적으로 모니터링하고, 국내 산업 보호를 위해 국내 한의약 관련 산업계를 중심으로 ISO TC/249, 215 참여 및 표준 제안

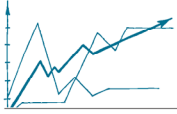
- 한의계 국제표준화 전문가 양성 및 한의사보수교육을 통한 표준 보급

- ② 한의약 국제표준 선도를 위한 국제 공조 강화

- 한의약 초청연수, 국제 포럼, WHO 전통의학 지원 등을 추진하고, 해외 국제 표준 전문가와의 교류를 통해 한의약 우호적 분위기 조성



부 록



참고 1.
제3차 한의약육성발전종합계획 과제 목록



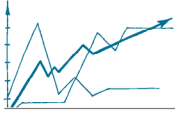
한의료표준임상진료지침 개발 · 보급을 통한 근거강화 및 신뢰도 제고

1 한의료표준임상진료지침 개발

| 추진 내용 | 주관부처 |
|---------------------------------------|------|
| 1-1. 한의료표준임상진료지침 개발 | |
| 1 한의료표준임상진료지침 대상질환 선정 | |
| ① 대상질환 선정 | 복지부 |
| 2 한의료표준임상진료지침 개발 | |
| ① 지침개발단 및 실무자업반 운영 | 복지부 |
| ② 체계적 문헌고찰 등 문헌연구 | 복지부 |
| 3 한의료표준임상진료지침 인증 및 미포함 진료행위 검증 | |
| ① 지침의 인증 및 지침 관련 진료행위 검증 | 복지부 |
| 1-2. 한의료표준임상진료지침 개발을 위한 임상연구지원 | |
| 1 근거창출을 위한 임상연구 병행 | |
| ① 근거기반 연구 및 임상연구 수행 | 복지부 |
| ② 기개발 지침 검토 · 인증 후 근거창출 임상연구 수행 | 복지부 |
| ③ 건강보험 급여를 위한 경제성 평가 고려 임상연구 설계 | 복지부 |
| 2 한의료표준임상진료지침 개발을 위한 기반 마련 | |
| ① 한의진단기술 표준화를 위한 지표 발굴 | 복지부 |
| ② 한의진단기술 임상근거 확보 | 복지부 |
| ③ 한의임상연구방법론 탐색 · 개발 및 확산 등 기반 구축 | 복지부 |

2 한의표준임상진료지침 보급 · 확산

| 추진 내용 | 주관부처 |
|---|------|
| 2-1. 한의표준임상진료지침 확산 | |
| 1 한의표준임상진료지침 교육 및 홍보 | |
| ① 한의표준임상진료지침을 근간으로 한 한의과대학 공통교육과정 개발 및 운용 | 복지부 |
| ② 한의사 졸업 후 교육과정 및 공공보건사업 반영 | 복지부 |
| ③ 한의표준임상진료지침 홍보 및 제공 | 복지부 |
| 2 한의표준임상진료지침 활용 및 확산을 위한 제도 개선 | |
| ① 한의 표준 진료행위에 대한 건강보험 급여 확대 추진 | 복지부 |
| 2-2. 한의표준임상진료지침 지원체계 구축 | |
| 1 한의표준임상진료지침개발사업단(가칭) 설립 | |
| ① 한의표준임상진료지침개발사업단 설립 | 복지부 |
| ② 지침개발단 구성 · 운영 | 복지부 |
| ③ 운영위원회 및 검토 · 평가위원회 구성 | 복지부 |
| 2 임상진료지침 정보센터 설치 | |
| ① 임상진료지침 정보센터 설치 · 운영 | 복지부 |
| 3 지역한의임상센터 활성화 지원 및 확대 | |
| ① 지역한의임상센터 활용 | 복지부 |
| ② 임상연구지원센터 설치 · 운영 | 복지부 |



II

보장성 강화 및 공공의료 확대를 통한 한의약 접근성 제고

3 한의약 보장성 강화

| 추진 내용 | 주관부처 |
|---|------|
| 3-1. 한의약 보험급여 제도 개선 | |
| 1 한의약 건강보험 확대 및 수가개발 | |
| ① 다양한 수가개발 및 급여 확대 | 복지부 |
| ② 보험급여 한약제제 합리적 개선 | 복지부 |
| ③ 한의약 보장성 확대 추진체계 구축 | 복지부 |
| ④ 비급여 의료비 관리체계 구축 | |
| 2 자동차 보험급여 제도 개선 | |
| ① 자동차보험 급여항목 개선 | 복지부 |
| 3-2. 양·한방 협진 활성화 | |
| 1 양·한방 협진 활성화 및 협진체계(수가) 마련 | |
| ① 의료기관 유형별 협진 모델 분석 및 표준 모델 도출 | 복지부 |
| ② 협진 비교효과연구, 경제성 평가연구를 통한 협진 수가 신설 등 개선안 마련 | 복지부 |

4 한의약 공공보건의료 강화

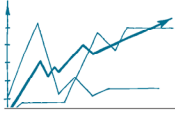
| 추진 내용 | 주관부처 |
|------------------------------------|------|
| 4-1 한의약 공공보건의료 강화 | |
| 1 한의약 공공의료서비스 역할 강화 지원 | |
| ① 국공립병원 내 한의약 보건의료 기능 강화 | 복지부 |
| ② 한의약 공공보건의료 지원 근거 마련 | 복지부 |
| 2 지역사회 한의약건강증진사업 활성화 지원 | |
| ① 한의약건강증진사업 지원체계 마련 | 복지부 |
| ② 한의약건강증진 프로그램 개발 | 복지부 |
| ③ 한의약건강증진사업 우수 보건소 인증 및 기술지원 | 복지부 |
| ④ 보건소 한의약건강증진분야 사업담당 인력 확충 및 역량 강화 | 복지부 |

III

기술혁신과 융합을 통한 한의학 산업 육성

5 한약(재) 품질관리 및 유통체계 강화

| 추진 내용 | 주관부처 |
|---|-----------|
| 5-1. 한약자원 생산·보관·관리 체계 구축 | |
| 1 한약자원 기술개발 | |
| ① 한약사원 감별기술 개발 | 환경부, 미래부 |
| ② 한약재 자원 수집 및 보존 | 농진청 |
| ③ 지역 적응성 분석 및 한약재 자원 표준재배기술 개발 | 농진청 |
| 2 토종 한약자원 국가관리 체계 구축 | |
| ① 토종 한약자원의 재배 표준화 | 복지부 |
| ② 토종 한약자원의 현대 과학화, 규격 표준화 | 복지부 |
| ③ 한의약소재 통합정보 검색시스템을 통한 연구 활성화 | 복지부 |
| 3 한약(재) 독성연구 인프라 구축 | |
| ① 토종 한약자원 안전성 평가(독성평가) 시설 구축 및 장비 확충 | 복지부 |
| ② GLP 기관 인증 | 복지부 |
| ③ 토종 한약자원 안전성 평가 지표 확보 | 복지부 |
| 4 우수 한약재 생산 촉진 | |
| ① 우수품종 육성 및 보급 | 농식품부 |
| ② 우수하고 안전한 한약자원 생산 확대 | 농식품부, 농진청 |
| 5-2. 한약(재) 제조·유통관리체계 선진화 | |
| 1 한약재 GMP 전면시행에 따른 관리 강화 및 제도 정착 | |
| ① 한약재 GMP 전면시행에 따른 관리 강화 및 제도 정착 지원 | 식약처 |
| ② 한약재 제조·유통 관리 강화 | 식약처 |
| 2 한약공정서 개정 및 품질규격의 국제화 | |
| ① 한약공정서 단일화 및 한약(생약) 기준규격 시험법 개선 | 식약처 |
| 3 원외탕전실 관리강화 | |
| ① 원외탕전실 실태 파악 및 관련 지침 개정 | 복지부 |
| ② 원외탕전실 조제한약의 제조 및 품질관리 방안 마련 | 복지부 |

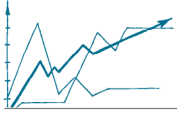


6 기술혁신을 통한 한의약 상품화 지원

| 추진 내용 | 주관부처 |
|---|------|
| 6-1. 한약제제 개발 및 특화 지원 | |
| 1 의약품 수준 허가 제품 보호 | |
| ① 신규 한약제제 권리 보호 | 복지부 |
| 2 품질관리에 투자한 한약제제에 대한 수가 차등화로 인센티브 부여 | |
| ① 수가 차등화 통한 생산 유인 제고 | 복지부 |
| 3 한약제제 연구개발 및 연구지원 공공인프라 구축 지원 | |
| ① 블록버스터 한약 개발을 위한 기반 조성 | 복지부 |
| ② 건강보험용 한약제제 제형 현대화 사업 | 복지부 |
| 4 약침 규격 표준화 사업 | |
| ① 약침 약제 규격표준화 사업 | 복지부 |
| 5 한약재별 포제법 표준화·과학화 사업 | |
| ① 한약재 포제법 표준화·과학화 사업 | 복지부 |
| 6 제도 개선 및 지원 | |
| ① 인허가 제도 개선 | 식약처 |
| ② 산업계 지원체계 정비 | 복지부 |
| 6-2. 한약제제 활성화 기반 마련 | |
| 1 한약제제 활성화 기반 마련 | |
| ① 한약제제 발전 협의체 운영 | 복지부 |

7 한의약 R&D 지원

| 추진 내용 | 주관부처 |
|------------------------------------|----------|
| 7-1. 한의약 R&D 지원 강화 | |
| 1 한의약 R&D 사업의 지원 강화 | |
| ① 제품화 개발 지원 | 복지부, 미래부 |
| ② 근거창출 중개·임상연구 지원 | 복지부 |
| ③ 한의약 임상 인프라 지원 | 복지부 |
| ④ 양·한방융합기반기술개발사업 | 복지부 |
| 2 한의약 국가 R&D 사업의 구심점 강화 | |
| ① 「한의약 R&D 발전협의회」 기능 강화 | 복지부 |
| ② 부처 간 연계사업 확대 | 복지부 |
| 3 신규 수요를 반영한 연구 투자 확대 | |
| ① 감염병·전염병 관련 연구 지원 | 미래부, 복지부 |
| ② 신규 수요 분야 연구 투자 | 미래부 |
| 4 한의약 연구자에 대한 연구 역량 강화 | |
| ① 한의학 관련 국내·외 공동연구 지원 및 기반 확대 | 복지부 |
| ② 한의 기초분야 연구지원을 통한 우수 한의과학자 양성 | 복지부 |
| 7-2. 한의약 기반 제품 개발 및 지원 | |
| 1 한약재 기반 건강기능식품 전문관리체계 수립 | |
| ① 건강기능식품 품목 제도 관리 | 식약처 |
| 2 한방화장품 산업화 촉진 | |
| ① 글로벌 화장품 육성 인프라 구축 | 복지부 |
| 3 의료기기 산업 지원 및 활성화 | |
| ① 한의학을 이용한 진단기기 등 의료기기 개발 | 산통부, 복지부 |
| 4 한의약 지역 클러스터 조성 및 확대 | |
| ① 한의약지역혁신센터 설치 확대 | 산통부 |



IV

선진인프라 구축 및 국제경쟁력 강화

8 한의약 발전 인프라 마련

| 추진 내용 | 주관부처 |
|--|------|
| 8-1. 한의인력 전문성 강화 | |
| 1 역량중심의 대학 교육시스템 강화 | |
| ① 한의학 교육 평가 시스템 정착 | 복지부 |
| ② 한의사 국가시험 구조 개편 | 복지부 |
| ③ 한의학교육연수원 설립 추진 | 복지부 |
| 2 졸업 후 보수교육 내실화 | |
| ① 보수교육 내실화를 위한 구조개선 | 복지부 |
| 8-2. 한의약 지식정보화 및 국가자원화 | |
| 1 한의약 지식자원 확대 구축 | |
| ① 전통의서(의방유취 등) 번역·분석 | 복지부 |
| ② 전통지식정보 데이터베이스화를 통한 국제적 보호기반 마련 | 특허청 |
| 2 한의약 지식 재산권 국제 질서 대응 | |
| ① 니고야 의정서, 세계지적재산권기구 대응 | 복지부 |
| 8-3. 한약진흥재단 정책지원 기능강화 | |
| 1 한의약 기술 개발 및 산업 진흥을 위한 정책 지원(한약진흥재단) | |
| ① 한의포럼 구성·운영 및 협업 체계 구축 | 복지부 |
| ② 국내·외 한의약 산업·정책 동향 분석 및 정보공유 | 복지부 |

9 한의약 국제경쟁력 강화

추진 내용

주관부처

9-1. 한의인력 국제교류 및 한의약 세계화 활성화 지원

1 한의약 해외환자 유치 활성화

| | |
|---------------------|-----|
| ① 한의약 해외환자 유치 역량 강화 | 복지부 |
| ② 전략적 마케팅 홍보 | 복지부 |

2 한의약 해외진출 촉진

| | |
|------------------------------------|-----|
| ① 국내 전문가 대상 한의약 해외 진출 전문가 양성 | 복지부 |
| ② 해외 전문가 대상 한의약 전문가 양성 | 복지부 |
| ③ 해외 거점센터 설치를 통한 네트워크 강화 | 복지부 |
| ④ 총괄 컨트롤 타워 설치를 통한 국내·외 네트워크 관리 강화 | 복지부 |
| ⑤ 한의약 산업 해외 진출 지원 제도 마련 | 복지부 |

3 한의약 ODA 확대

| | |
|--------------------|-----|
| ① 해외 한의약 봉사활동 다각화 | 복지부 |
| ② 한의약 해외공공보건의사업 확대 | 복지부 |

4 한의약 국제브랜드 제고

| | |
|-------------------------------------|-----|
| ① 한의약 제품 브랜드 이미지 제고를 위한 스토리텔링 사업 | 복지부 |
| ② 한의약 고유 콘텐츠 및 기본서, 교재 등 번역지원 자료 선정 | 복지부 |

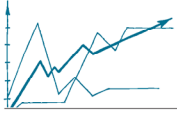
9-2. 한의 국제표준화 기반구축

1 한의약 표준화 전략 기획·실행

| | |
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| ① 한의약표준화전략로드맵(2015-2024) 실행 모니터링 | 복지부 |
|----------------------------------|-----|

2 전통의약 국제표준 제정 참여

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| ① ISO, WHO의 국제표준 제정 참여 및 표준안 제안 | 식약처 |
| ② 한의약 국제표준 선도를 위한 국제 공조 강화 | 식약처 |



참고 2. 제3차 한의약육성발전종합계획 수립에 도움을 주신 분들

| 구 분 | 소 속 | 성 명 |
|-----------|-----------|-----|
| 기관 및 단체 | 건강세상네트워크 | 김준현 |
| | 국립재활원 | 손지형 |
| | 대한한약사회 | 배재형 |
| | 대한한의학회 | 송호섭 |
| | | 이승덕 |
| | 대한한의사협회 | 김지호 |
| | | 김태호 |
| | | 이진욱 |
| | | 전은영 |
| | | 조선영 |
| | | 조희근 |
| | 대한한방병원협회 | 이진호 |
| | 소비자시민모임 | 황선옥 |
| | 연합뉴스 | 김길원 |
| | 전남한방산업진흥원 | 함성호 |
| | 한국건강증진개발원 | 한은경 |
| | 한국보건사회연구원 | 윤강재 |
| | 한국보건산업진흥원 | 박재사 |
| | | 정 희 |
| | | 한동우 |
| 홍현화 | | |
| 한국한방산업진흥원 | 김경한 | |
| | 신흥묵 | |
| | 이창민 | |
| | 이회동 | |
| 한국한의학연구원 | 문진석 | |
| | 신현규 | |
| | 최선미 | |
| 산 업 계 | 경서기계 | 윤태문 |
| | 녹십자 | 유영효 |
| | 대요메디 | 강희정 |
| | 동방메디컬 | 곽동렬 |

| 구 분 | 소 속 | 성 명 |
|--------|---------|-----|
| 산 업 계 | 사임당화장품 | 윤경섭 |
| | 아모레퍼시픽 | 조가영 |
| | 온니허브 | 김남훈 |
| | 정우신약 | 백흠영 |
| | 한국콜마 | 조병헌 |
| | 한풍제약 | 조형권 |
| 학 계 | 경희대학교 | 고성규 |
| | | 김남일 |
| | | 김지혜 |
| | | 김태훈 |
| | | 김현호 |
| | | 박히준 |
| | | 양용모 |
| | | 이은경 |
| | 관동대학교 | 차웅식 |
| | 관동대학교 | 박태용 |
| | 대구한의대학교 | 유왕근 |
| | 대전대학교 | 박선주 |
| | | 정인철 |
| | 동국대학교 | 박선동 |
| | 동신대학교 | 김재홍 |
| | 부산대학교 | 권영규 |
| | | 김남권 |
| | | 신병철 |
| | | 임병목 |
| | 상지대학교 | 남동현 |
| 안효진 | | |
| 이선동 | | |
| 우석대학교 | 주영승 | |
| 원광대학교 | 강연석 | |
| | 김윤경 | |
| | 박성주 | |
| | 홍승헌 | |
| 차의과대학교 | 이신호 | |

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제3차

한의학육성발전 종합계획

2016~2020

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