

Claw key	Code	Technical term	Synonyms, explanations
N	1.	Organ diseases	
N	1.01.	Diseases of skin, subcutis and coat	
N	1.01.00.	Examination of skin, subcutis and coat with no abnormality detected	
N	1.01.01.	Hereditary diseases of skin, subcutis and coat	
N	1.01.01.01.	Hereditary parakeratosis	inherited disturbance of keratin production
N	1.01.02.	Malformations of skin, subcutis and coat	
N	1.01.02.01.	Atrichia congenita (congenital atrichosis)	congenital hairlessness
N	1.01.03.	Dermal tumors	
N	1.01.04.	Injuries of skin, subcutis and coat	
N	1.01.05.	Coat disorders	
N	1.01.05.01.	Alopecia (hair loss)	
N	1.01.06.	Acne	purulent inflammation of hair follicles and sebaceous glands
N	1.01.07.	Furunculosis	disseminated deep purulent inflammation of hair follicles and sebaceous glands
N	1.01.07.01.	Furunculosis caudae	disseminated deep purulent inflammation of hair follicles and sebaceous glands at the root of the tail
N	1.01.08.	Seborrhea / Pityriasis	abnormally increased sebum production
N	1.01.09.	Eczema	superficial skin rash
N	1.01.10.	Exanthema	symptomatic superficial skin rash accompanying eruptive disease or fever
N	1.01.10.01.	Urticaria	nettle rash, hives
N	1.01.11.	Dermatitis	deep inflammation of the skin
N	1.01.11.01.	Photodermatitis	photosensitive dermatitis, primary photosensitization, increased sensitivity to light with sunlight-induced inflammation of the skin
N	1.01.12.	Hyperkeratosis	abnormally increased keratinization (keratin production) with dry keratin products
N	1.01.13.	Parakeratosis	disturbance of keratinization (keratin production) with greasy keratin products
N	1.01.14.	Subcutaneous emphysema	subcutaneous gas accumulation
N	1.01.15.	Subcutaneous edema	subcutaneous accumulation of serous fluid
N	1.01.16.	Subcutaneous hematoma	subcutaneous accumulation of blood
N	1.01.17.	Phlegmona	inflammation of subcutaneous connective tissue
N	1.01.17.01.	Pelvic phlegmona	inflammation of pelvic connective tissue
N	1.01.17.02.	Digital phlegmon	inflammation of connective tissue in the distal limb
N	1.01.18.	Subcutaneous abscess	subcutaneous encapsulated pus accumulation
N	1.01.99.	Other disorders of skin, subcutis and coat	
N	1.02.	Diseases of the trunk	
N	1.02.00.	Examination of the trunk with no abnormality detected	
N	1.02.01.	Hereditary diseases of the trunk	
N	1.02.02.	Malformations of the trunk	
N	1.02.02.01.	Hernia congenita (inherited herniation)	
N	1.02.02.01.01.	Hernia umbilicalis congenita (inherited umbilical hernia)	inherited navel rupture
N	1.02.02.01.02.	Hernia inguinalis congenita (inherited inguinal hernia)	
N	1.02.02.01.03.	Hernia ventralis congenita (inherited ventral hernia)	
N	1.02.02.01.04.	Hernia diaphragmatica congenita (inherited diaphragmatic hernia)	inherited diaphragm defects
N	1.02.02.02.	Taillessness	missing tail
N	1.02.03.	Tumors of the trunk	
N	1.02.04.	Injuries of the trunk	
N	1.02.05.	Omphalitis (inflammation of the navel)	
N	1.02.05.01.	Omphalophlebitis	inflammation of the navel vein
N	1.02.05.02.	Omphaloarteritis	inflammation of the navel artery
N	1.02.05.03.	Omphalourachitis	inflammation of the fibrous remnants of the allantois
N	1.02.06.	Hernia acquisita (acquired herniation)	
N	1.02.06.01.	Hernia inguinalis acquisita (acquired inguineal hernia)	
N	1.02.06.02.	Hernia ventralis acquisita (acquired ventral hernia)	
N	1.02.06.03.	Hernia perinealis acquisita (acquired herniation of the perineum)	
N	1.02.06.04.	Hernia diaphragmatica acquisita (acquired diaphragmatic hernia)	
N	1.02.07.	Ruptura diaphragmatis (rupture of the diaphragm)	
N	1.02.08.	Amputation of the tail due to injury	
N	1.02.99.	Other trunk disorders	
N	1.03.	Horn diseases	
N	1.03.00.	Examination of the horns with no abnormality detected	
N	1.03.01.	Hereditary diseases of horns	
N	1.03.02.	Horn malformations	
N	1.03.03.	Horn tumors	
N	1.03.04.	Injuries of horns	
N	1.03.04.01.	Loss of horn covering	
N	1.03.05.	Horn deformation	
N	1.03.06.	Fractura processus cornualis (fracture of osseous core of horns)	
N	1.03.07.	Resectio cornu (shortening of horns)	

Claw key	Code	Technical term	Synonyms, explanations
N	1.03.08.	Amputatio cornu (dehorning)	
N	1.03.99.	Other horn disorders	
N	1.04.	Diseases of the lymphoid system	
N	1.04.00.	Examination of the lymphoid system with no abnormality detected	
N	1.04.01.	Hereditary diseases of the lymphoid system	
N	1.04.02.	Lymphoid malformations	
N	1.04.03.	Sporadic lymphoid tumors	
N	1.04.04.	Lymphadenosis (swelling of lymph nodes)	
N	1.04.05.	Lymphadenitis (inflammation of lymph nodes)	
N	1.04.06.	Lymphangitis (inflammation of lymph vessels)	
N	1.04.99.	Other disorders of the lymphoid system	
N	1.05.	Diseases of the cardiovascular system	
N	1.05.00.	Examination of the cardiovascular system with no abnormality detected	
N	1.05.01.	Hereditary diseases of the cardiovascular system	
N	1.05.01.01.	BLAD = Bovine Leukocyte Adhesion Deficiency	inherited failure of the immune system
N	1.05.02.	Malformations of the cardiovascular system	
N	1.05.02.01.	Foramen ovale persists (patent foramen ovale)	congenital cardiac defect with permanent short-cut between left and right atrium
N	1.05.02.02.	Foramen interventriculare persists (patent foramen interventriculare)	congenital cardiac defect with permanent short-cut between left and right ventricle
N	1.05.02.03.	Ductus arteriosus Botalli persists (patent ductus arteriosus)	congenital cardiac defect with permanent short-cut between aorta and truncus pulmonalis, i.e. pulmonal artery
N	1.05.03.	Tumors of the cardiovascular system	
N	1.05.04.	Injuries of the cardiovascular system	
N	1.05.05.	Cardiac diseases	
N	1.05.05.01.	Cardiac insufficiency	
N	1.05.05.02.	Heart arrhythmia	
N	1.05.05.03.	Endocarditis (inflammation of the inner layer of the heart)	
N	1.05.05.03.01.	Vitium cordis (disorders of cardiac valves)	
N	1.05.05.04.	Myocarditis (inflammation of the muscular layer of the heart)	
N	1.05.05.05.	Pericarditis (inflammation of the pericardium)	
N	1.05.05.05.01.	Pericarditis traumatica (trauma-induced inflammation of the pericardium)	traumatic pericarditis, inflammation of the pericardium related to ingested foreign bodies penetrating the forestomach
N	1.05.06.	Disorders of blood vessels	
N	1.05.06.01.	Circulation insufficiency	
N	1.05.06.02.	Shock (acute circulation insufficiency)	
N	1.05.06.02.01.	Hypovolemic shock	
N	1.05.06.02.02.	Endotoxin-induced shock	septic circulation insufficiency due to cell wall components of gram-negative bacteria
N	1.05.06.03.	Hemorrhage (bleeding)	
N	1.05.06.04.	Thrombophlebitis (inflammation of veins with secondary thrombus formation)	
N	1.05.06.04.01.	Thrombophlebitis arrosiva venae cavae caudalis (arrosive thrombophlebitis of caudal vena cava)	
N	1.05.06.05.	Thrombosis arterialis / Embolia arterialis (arterial thrombosis and embolism)	occlusion of arterial blood vessels
N	1.05.07.	Blood disorders	
N	1.05.07.01.	Anemia	
N	1.05.07.01.01.	Hypoplastic anemia (anemia with reduction of blood cell formation)	
N	1.05.07.01.02.	Hemorrhagic anemia (anemia due to bloodloss)	
N	1.05.07.01.03.	Haemolytic anemia (anemia with lysis of blood cells)	
N	1.05.07.01.03.01.	Haemoglobinuria due to hyperhydratation (water poisoning)	lysis of red blood cells and urinary excretion of haemoglobin after excessive water intake
N	1.05.07.01.03.02.	Puerperal haemoglobinuria	lysis of red blood cells and urinary excretion of haemoglobin after calving
N	1.05.07.01.03.03.	Cabbage-induced anemia	lysis of red blood cells after ingestion of cabbage
N	1.05.07.01.04.	Deficiency anemia	anemia due to deficiency of components required for erythropoiesis, i.e. formation of red blood cells
N	1.05.07.02.	Haemoconcentration	
N	1.05.07.03.	Polycythemia	increased number of blood cells
N	1.05.07.04.	Leukopenia	reduced number of circulating white blood cells
N	1.05.07.05.	Leukocytosis	increased number of circulating white blood cells
N	1.05.08.	Haemorrhagic diatheses	disturbances of blood clotting with increased bleeding tendency
N	1.05.08.01.	Coagulopathia	disturbance of blood clotting due to impaired function of coagulation factors
N	1.05.08.02.	Thrombocytopenia	disturbance of blood clotting due to impaired thrombocyte function
N	1.05.08.03.	Vasopathia	disturbance of blood clotting due to impaired function of blood vessels
N	1.05.09.	Spleen disorders	

Claw key	Code	Technical term	Synonyms, explanations
N	1.05.09.01.	Splenomegalia (swollen spleen)	
N	1.05.09.02.	Spleen rupture	
N	1.05.09.03.	Splenitis (inflammation of the spleen)	
N	1.05.09.03.01.	Splenitis apostematosa (purulent inflammation of the spleen)	
N	1.05.99.	Other disorders of the circulatory system	
N	1.06.	Diseases of the respiratory tract	
N	1.06.00.	Examination of the respiratory tract with no abnormality detected	
N	1.06.01.	Hereditary disease of the respiratory tract	
N	1.06.02.	Malformations of the respiratory tract	
N	1.06.03.	Tumors of the respiratory tract	
N	1.06.04.	Injuries of the respiratory tract	
N	1.06.05.	Diseases of nasal cavity and paranasal sinuses	
N	1.06.05.01.	Epistaxis (nosebleed)	
N	1.06.05.02.	Rhinitis (inflammation of nasal mucus membranes)	
N	1.06.05.03.	Sinusitis (inflammation of paranasal mucus membranes)	
N	1.06.05.04.	Disorders relating to foreign material in the nasal cavity and paranasal sinuses	
N	1.06.06.	Diseases of larynx and trachea	
N	1.06.06.01.	Hemiplegia laryngis (one-sided paralysis of the larynx)	
N	1.06.06.02.	Oedema laryngis (edema of the larynx)	laryngeal accumulation of serous fluid
N	1.06.06.03.	Laryngitis (inflammation of the larynx)	
N	1.06.06.03.01.	Laryngitis follicularis (follicular inflammation of the larynx)	
N	1.06.06.03.02.	Laryngitis diphtheroidea (diphtheroid inflammation of the larynx)	
N	1.06.06.04.	Tracheitis (inflammation of the trachea)	
N	1.06.06.04.01.	Tracheitis diphtheroidea (diphtheroid inflammation of the trachea)	
N	1.06.06.05.	Disorders relating to foreign material in the larynx and trachea	
N	1.06.07.	Diseases of the bronchial tubes and lungs	
N	1.06.07.01.	Asphyxia neonatorum	insufficiency of the respiratory system in the newborn calf
N	1.06.07.01.01.	Early asphyxia (intrauterine asphyxia)	respiratory insufficiency in the new-born calf due to disturbance of feto-maternal gas exchange
N	1.06.07.01.02.	Late asphyxia (postnatal asphyxia)	respiratory insufficiency in the new-born calf due to immaturity of the lungs
N	1.06.07.02.	Atelectasis pulmonum (collapse of lung tissue)	
N	1.06.07.03.	Hemoptoe due to bleeding of the lungs	
N	1.06.07.04.	Oedema pulmorum (lung edema)	effusion of serous fluid in interstitial tissue and alveoli of the lungs
N	1.06.07.05.	Emphysema pulmonum (lung emphysema)	inclusion of air in the lungs
N	1.06.07.05.01.	Acute alveolar lung emphysema	acute / temporary inclusion of air in overexpanded alveoli of the lungs
N	1.06.07.05.02.	Chronic alveolar lung emphysema	chronic / permanent inclusion of air in overexpanded alveoli of the lungs
N	1.06.07.05.03.	Interstitial lung emphysema	inclusion of air in interstitial tissue of the lungs
N	1.06.07.05.04.	Fog fever	acute lung edema and emphysema with interstitial pneumonia in cows moved to lush pastures
N	1.06.07.06.	Bronchopneumonia (inflammation of bronchial tubes and lungs)	
N	1.06.07.06.01.	Bronchitis catarrhalis (catarrhal inflammation of the bronchial tubes)	
N	1.06.07.06.02.	Bronchopneumonia catarrhalis (catarrhal inflammation of the bronchial tubes and the lungs)	
N	1.06.07.06.03.	Bronchopneumonia fibrinosa sive crouposa (fibrinous inflammation of the bronchial tubes and lungs)	
N	1.06.07.06.04.	Bronchopneumonia suppurativa / Bronchopneumonia apostematosa (purulent or absceding bronchopneumonia)	purulent or absceding inflammation of the bronchial tubes and lungs
N	1.06.07.06.05.	Bronchopneumonia gangraenosa / Gangraena pulmonum (gangrenous bronchopneumonia)	gangrenous inflammation of the bronchial tubes and lungs
N	1.06.07.06.06.	Pneumonia interstitialis chronica (chronic interstitial pneumonia)	chronic interstitial inflammation of the lungs
N	1.06.07.06.07.	Enzootic pneumonia of calves	multifactorial inflammation of the lungs in calves
N	1.06.07.07.	Diseases of pleura and pleural cavity	
N	1.06.07.07.01.	Pleuritis (inflammation of the pleura)	
N	1.06.07.07.02.	Hydrothorax	effusion of serous fluid in the pleural cavity
N	1.06.07.07.03.	Haemothorax	accumulation of blood in the pleural cavity
N	1.06.07.07.04.	Pneumothorax	accumulation of air in the pleural cavity
N	1.06.07.07.05.	Chylothorax	accumulation of lymphatic fluid in the pleural cavity
N	1.06.99.	Other disorders of the respiratory tract	
N	1.07.	Diseases of the digestive tract	
N	1.07.00.	Examination of the digestive tract with no abnormality detected	
N	1.07.01.	Inherited diseases of the digestive tract	
N	1.07.02.	Malformations of the digestive tract	

Claw key	Code	Technical term	Synonyms, explanations
N	1.07.02.01.	Atresia ani et recti	missing anus and rectum
N	1.07.02.02.	Palatine cleft	
N	1.07.03.	Tumors of the digestive tract	
N	1.07.04.	Injuries of the digestive tract	
N	1.07.05.	Diseases of the oral cavity	
N	1.07.05.01	Stomatitis	inflammation of the oral mucosa
N	1.07.05.02.	Glossitis	inflammation of the tongue
N	1.07.05.02.01.	Ulcus linguae (ulceration of the dorsum of the tongue)	
N	1.07.05.02.02.	Glossoplegia / Paralysis linguae (paralysis of the tongue)	
N	1.07.05.03.	Diseases of the teeth	
N	1.07.05.04.	Foreign material in the oral cavity	
N	1.07.06.	Diseases of the jaw and mastication muscles	
N	1.07.06.01.	Abscess of the cheeks	
N	1.07.06.02.	Arthritis mandibularis	inflammation of the temporomandibular joint
N	1.07.06.03.	Paralysis nervi facialis (paralysis of the facial nerve)	
N	1.07.06.04.	Paralysis nervi trigemini (paralysis of the trigemini nerve) / Paralysis of mastication muscles	
N	1.07.07.	Diseases of the salivary glands	
N	1.07.07.01.	Ptyalismus (drooling)	
N	1.07.07.02.	Sialoadenitis (inflammation of the salivary glands)	Parotitis (inflammation of the parotid salivary gland) / Sialoadenitis mandibularis (inflammation of the mandibular salivary gland) / Sialoadenitis sublingualis (inflammation of the sublingual salivary gland)
N	1.07.07.03.	Foreign material in the salivary glands	
N	1.07.08.	Diseases of the pharynx	
N	1.07.08.01.	Pharyngitis (inflammation of the pharynx)	
N	1.07.08.02.	Paralysis pharyngis (paralysis of the pharynx)	
N	1.07.09.	Diseases of the oesophagus	
N	1.07.09.01.	Oesophagitis (inflammation of the oesophagus)	
N	1.07.09.02.	Obstructio oesophagi (obstruction of the oesophagus)	
N	1.07.09.03.	Stenosis oesophagi (stenosis of the oesophagus)	
N	1.07.09.04.	Dilatatio oesophagi / Diverticulum oesophagi (oesophageal dilatation and diverticle formation)	
N	1.07.09.05.	Oesophagospasmus (spasm of the oesophagus muscles)	
N	1.07.09.06.	Paralysis oesophagiae (paralysis of the oesophagus)	
N	1.07.10.	Diseases of reticulum and rumen	
N	1.07.10.01.	Oesophageal groove dysfunction	impaired reflex action of oesophageal groove closure
N	1.07.10.02.	Indigestiones vitulorum (indigestion of weaners)	impaired digestion during transition from milk to plant feeding
N	1.07.10.03.	Indigestion	impaired digestion in ruminating cattle
N	1.07.10.04.	Simple dysfunction of the forestomach	reduced activity of forestomach due to low food intake
N	1.07.10.05.	Alcalosis ingestorum ruminis (ruminal alkalosis)	forestomach dysfunction with ruminal pH increase to > 7.5
N	1.07.10.05.01.	Putrefactio ingestorum ruminis (ruminal putrefaction)	putrescence of ruminal content due to replacement of the physiological ruminal microflora by putrifying bacteria and moulds
N	1.07.10.06.	Acidosis ingestorum ruminis (ruminal acidosis)	reduction of ruminal pH to < 6.0
N	1.07.10.06.01	Lactacidosis ingestorum ruminis acuta (acute ruminal acidosis)	rapid drop of ruminal pH due to excessive production of lactic acid
N	1.07.10.06.02.	Acidosis ingestorum ruminis subacuta (subacute ruminal acidosis)	lasting reduction of ruminal pH due to maladaptation of ruminal microflora
N	1.07.10.06.03.	Acidosis ingestorum ruminis chronica (chronic and latent ruminal acidosis)	altered function of ruminal microbial function with increased ruminal concentration of volatile fatty acids
N	1.07.10.07.	Tympania ruminis (ruminal tympany)	ruminal bloat
N	1.07.10.07.01.	Acute ruminal tympany with accumulation of free gas (free-gas ruminal tympany)	free-gas bloat, secondary bloat, fast overdistention of rumen and reticulum due to abnormal accumulation of free fermentation gas above the ingesta
N	1.07.10.07.02.	Ruminal tympany with entrapment of gas in stable foam	frothy bloat, primary bloat, overdistention of rumen und reticulum due to abnormal accumulation of fermentation gas entrapped in stable foam
N	1.07.10.07.03.	Tympania ruminis chronica recidivaria (chronic-recurrent ruminal tympany)	relapsing overdistention of the rumen due to abnormal accumulation of fermentation gas
N	1.07.10.07.03.01.	Impaired ingesta passage through the forestomach due to agglomerates of foreign material	
N	1.07.10.08.	Vagal indigestion	Hoflund syndrome, impaired function of the forestomach due to lesions of the vagal nerve
N	1.07.10.08.01.	Anterior functional stenosis	disturbance of reticulo-omasal ingesta transport
N	1.07.10.08.02.	Posterior functional stenosis	disturbance of abomasal ingesta transport
N	1.07.10.09.	Hyperkeratosis ruminis (hyperkeratosis of ruminal epithelium)	excessive keratinization (keratin production) of the inner layer of the rumen
N	1.07.10.10.	Parakeratosis ruminis (parakeratosis of ruminal epithelium)	disturbance of keratinization (keratin production) of the inner layer of the rumen
N	1.07.10.11.	Reticulitis, Ruminitis, Reticuloruminitis nontraumatica	inflammation of reticulum and/or rumen unrelated to foreign material in the forestomach
N	1.07.10.12.	Reticuloperitonitis traumatica	hardware disease, wire, traumatic inflammation of reticulum and abdominal membrane with foreign material in the forestomach

Claw key	Code	Technical term	Synonyms, explanations
N	1.07.11.	Diseases of the omasum	
N	1.07.11.01.	Omasitis	inflammation of the omasum
N	1.07.11.02.	Obstipatio omasi, psalter paresis (constipation and immotility of the omasum)	
N	1.07.12.	Diseases of the abomasum	
N	1.07.12.01.	Abomasal tympany of calves	abomasal bloot of calves
N	1.07.12.02.	Abomasitis (inflammation of the abomasum)	
N	1.07.12.03.	Ulcus abomasi (abomasal ulceration)	
N	1.07.12.04.	Accumulation of sand in the abomasum	
N	1.07.12.05.	Dislocatio abomasi, Dilatatio et dislocatio abomasi (abomasal displacement)	lateral displacement of the distended abomasum in the abdomen
N	1.07.12.05.01.	Dislocatio abomasi sinistra, Dilatatio et dislocatio abomasi sinistra (left-side abomasal displacement)	displacement of the distended abomasum to the left side of the abdomen (between rumen and left abdominal wall)
N	1.07.12.05.02.	Dilatatio abomasi simplex	simple dilatation of the abomasum without lateral displacement
N	1.07.12.05.03.	Dislocatio abomasi dextra, Dilatatio et dislocatio abomasi dextra, Dilatatio et dislocatio abomasi dextra cum torsione (ride-side abomasal displacement without or with torsion)	displacement of the distended abomasum to the right side of the abdomen (between intestines and right abdominal wall) without or with torsion
N	1.07.12.05.04.	Dislocatio abomasi dextra cum torsione (ride-side displacement and torsion of the abomasum)	
N	1.07.12.06.	Abomasal surgery	
N	1.07.12.06.01.	Abomasal surgery with roll-and-suture technique according to Hull	blind stitch, rolling method with percutaneous fixation of the abomasum
N	1.07.12.06.02.	Percutaneous abomasopexia according to Sterner & Grymer	bar suture, toggle pin, rolling method with percutaneous fixation of the abomasum after gas removal via trocarisation
N	1.07.12.06.03.	Laparoscopic abomasopexia according to Janowitz	minimally invasive surgical fixation of the abomasum
N	1.07.12.06.04.	Medial omentopexia according to Numans	Utrechter method, left flank surgical technique with paramedian fixation of the abomasum
N	1.07.12.06.05.	Lateral omentopexia according to Dirksen	right flank surgical technique with lateral fixation of the abomasum
N	1.07.12.07.	Surgical removal of foreign material from the forestomach	
N	1.07.12.08.	Diagnostic laparotomy	abdominal surgery for diagnostic purposes
N	1.07.13.	Diseases of the intestines	
N	1.07.13.01.	Enteritis (inflammation of the intestines)	
N	1.07.13.01.01.	Enteritis catarrhalis (catarrhal enteritis)	catarrhal inflammation of the intestines
N	1.07.13.01.02.	Enteritis haemorrhagica (hemorrhagic enteritis)	hemorrhagic inflammation of the intestines
N	1.07.13.01.03.	Enteritis pseudomembranacea (pseudomembraneous enteritis)	pseudomembraneous inflammation of the intestines
N	1.07.13.01.04.	Enteritis necroticans (necrotic enteritis)	necrotic inflammation of the intestines
N	1.07.13.01.05.	Diarrhea syndrome of calves (calf diarrhoea)	
N	1.07.13.02.	Intestinal colic and ileus (intestinal obstruction)	
N	1.07.13.02.01.	Invaginatio intestini (intestinal invagination)	
N	1.07.13.02.02.	Incarceratio intestini (intestinal incarceration)	
N	1.07.13.02.03.	Volvulus intestini (intestinal volvulus)	
N	1.07.13.02.04.	Torsio mesenterialis intestini	mesenterial torsion of the intestines
N	1.07.13.02.05.	Dilatatio caeci (cecal dilatation)	
N	1.07.13.02.06.	Dilatatio et torsio caeci	dilatation and torsion of the cecum
N	1.07.13.02.07.	Ileus paralyticus (paralytic ileus)	ileus due to intestinal paralysis
N	1.07.13.02.08.	Spasmus intestini (intestinal spasm)	
N	1.07.13.03.	Prolapsus ani et recti (prolapse of anus and rectum)	
N	1.07.14.	Diseases of mesenterium and peritoneum	
N	1.07.14.01.	Liponecrosis peritonealis	necrosis of adipose tissue in the abdominal cavity
N	1.07.14.02.	Bursitis omentalis purulenta (omental empyema)	purulent inflammation of the omental bursa
N	1.07.14.03.	Peritonitis	inflammation of the peritoneum
N	1.07.14.04.	Hydrops ascites / Ascites	effusion of serous fluid in the abdominal cavity
N	1.07.15.	Diseases of liver and biliary tracts	
N	1.07.15.01.	Icterus (jaundice)	
N	1.07.15.02.	Hepatic dystrophy / Hepatic failure	
N	1.07.15.03.	Hepatitis	inflammation of the liver
N	1.07.15.04.	Hepatitis necroticans et apostematosa / Hepatic abscess	
N	1.07.15.05.	Cholecystitis et cholangitis	inflammation of gallbladder and biliary tracts
N	1.07.15.06.	Hepatic photosensitive dermatitis	secondary photosensitization, light-induced inflammation of the skin due to liver dysfunction
N	1.07.16.	Diseases of the pancreas	
N	1.07.16.01.	Pancreatitis	inflammation of the pancreas
N	1.07.99.	Other disorders of the digestive tract	
N	1.08.	Diseases of the urinary tract	
N	1.08.00.	Examination of the urinary tract with no abnormality detected	
N	1.08.01.	Hereditary diseases of the urinary tract	
N	1.08.02.	Malformations of the urinary tract	
N	1.08.02.01.	Fistula urachis (fistula of the urachus)	patent urachus, urinary fistula in the navel region
N	1.08.03.	Tumors of the urinary tract	
N	1.08.04.	Injuries of the urinary tract	
N	1.08.05.	Diseases of the kidneys	
N	1.08.05.01.	Haemoglobinuria	urinal excretion of haemoglobin

Claw key	Code	Technical term	Synonyms, explanations
N	1.08.05.02.	Haematuria	urinal excretion of blood
N	1.08.05.03.	Insufficiencia renum (renal insufficiency)	renal failure
N	1.08.05.03.01.	Uremia	
N	1.08.05.03.02.	Amyloidosis renum (renal amyloidosis)	amyloidnephrosis
N	1.08.05.04.	Nephritis	inflammation of the kidneys
N	1.08.05.05.	Pyelonephritis	inflammation of the renal pelvis
N	1.08.05.05.01.	Pyelonephritis purulenta	purulent inflammation of the renal pelvis
N	1.08.06.	Diseases of the urinary bladder	
N	1.08.06.01.	Cystitis vesicae urinariae	inflammation of the urinary bladder
N	1.08.06.01.01.	Haematuria vesicalis bovis chronica (chronic enzootic hematuria)	chronic urinary excretion of blood from the urinary bladder
N	1.08.06.02.	Paralysis vesicae urinariae (paralysis of the urinary bladder)	
N	1.08.07.	Diseases of the urinary tract collection system	
N	1.08.07.01.	Constriction in the urinary tract collection system	
N	1.08.07.02.	Urolithiasis	formation of urinary calculi
N	1.08.99.	Other disorders of the urinary tract	
N	1.09.	Diseases of the locomotory apparatus	
N	1.09.00.	Examination of the locomotory apparatus with no abnormality detected	
N	1.09.01.	Hereditary diseases of the locomotory apparatus	
N	1.09.01.01.	Paresis spastica posterior (inherited spastic paresis)	"Elso-heel", spasticity / incomplete paralysis of the hind limb with extension of stifle and tarsal joints
N	1.09.01.02.	Hyena disease	premature physal closure with lagging growth of the hind limbs
N	1.09.01.03.	Dwarfism	
N	1.09.01.04.	Bulldog calves	
N	1.09.02.	Malformations of the locomotory apparatus	
N	1.09.02.01.	Contracted flexor tendons	flexor tendon contracture
N	1.09.02.02.	Arthrogryposis	joint deformity causing irreversible joint stiffness
N	1.09.02.03.	Syndactyly	fusion of two or more digits
N	1.09.02.04.	Polydactyly	hyperdactyly, increased number of digits
N	1.09.03.	Tumors of the locomotory apparatus	
N	1.09.04.	Injuries of the locomotory apparatus	
N	1.09.05.	Lameness	
N	1.09.05.01.	Supporting leg lameness	
N	1.09.05.02.	Swinging leg lameness	
N	1.09.05.03.	Mixed lameness	
N	1.09.06.	Diseases of the bones	
N	1.09.06.01.	Bone fissure	
N	1.09.06.02.	Bone fracture	
N	1.09.06.02.01.	Fractura ossis coxae (fracture of the pelvic bones)	
N	1.09.06.03.	Periostitis	inflammation of the periosteum
N	1.09.06.04.	Osteomyelitis	inflammation of the bone marrow
N	1.09.07.	Diseases of the joints	
N	1.09.07.01.	Arthrosis (degenerative joint disease)	
N	1.09.07.02.	Arthritis	inflammation of joints
N	1.09.07.02.01.	Polyarthritis	inflammation of multiple joints
N	1.09.07.02.02.	Gonitis	inflammation of the knee joint
N	1.09.07.02.03.	Tarsitis	inflammation of the ankle joint
N	1.09.07.02.04.	Carpitis	inflammation of the carpal joint
N	1.09.07.03.	Periarthritis	inflammation of the tissues surrounding some joint
N	1.09.07.03.01.	Peritarsitis	inflammation of the tissues surrounding the ankle joint
N	1.09.07.03.02.	Pericarpitis	inflammation of the tissues surrounding the carpal joint
N	1.09.07.04.	Distorsion	
N	1.09.07.05.	Subluxation	incomplete luxation
N	1.09.07.06.	Luxation	
N	1.09.07.06.01.	Luxatio patellae (luxation of the patella)	
N	1.09.08.	Diseases of synovial bursae	
N	1.09.08.01.	Bursal hygroma	fluid accumulation in synovial bursae
N	1.09.08.02.	Bursitis	inflammation of synovial bursae
N	1.09.08.02.01.	Bursitis praecarpalis (precarpal bursitis)	carpal bursitis, carpal hygroma, inflammation of the synovial bursa on the dorsal aspect of the carpal joint
N	1.09.08.02.02.	Bursitis tarsalis (tarsal bursitis)	inflammation of the synovial bursa located on the lateral aspect of the tarsal joint
N	1.09.08.02.03.	Bursitis calcanei	inflammation of the synovial bursa located at the rear aspect of the heel bone
N	1.09.09.	Diseases of the tendons	
N	1.09.09.01.	Tendinitis	inflammation of tendons
N	1.09.09.02.	Tendovaginitis	inflammation of synovial sheaths of tendons
N	1.09.09.03.	Tendon rupture	
N	1.09.09.04.	Tendon necrosis	
N	1.09.09.04.01.	Necrosis of the deep digital flexor tendon	
N	1.09.09.05.	Acquired contracted tendons in calves	
N	1.09.10.	Diseases of the muscles	
N	1.09.10.01.	Myositis	inflammation of muscles
N	1.09.10.02.	Muscle rupture	

Claw key	Code	Technical term	Synonyms, explanations
N	1.09.10.02.01.	Ruptura musculorum adductores (rupture of the adductor muscles)	
N	1.09.10.03.	Muscle necrosis	
N	1.09.10.03.01.	Ischemic necrosis of femoral muscles	necrosis of femoral muscles due to insufficient blood supply
N	1.09.11.	Diseases of peripheral nerves	
N	1.09.11.01.	Neuritis	inflammation of peripheral nerves
N	1.09.11.02.	Paralysis of peripheral nerves	
N	1.09.11.02.01.	Contusio nervi plexus lumbalis et sacralis (contusion of pelvic nerves)	
N	1.09.11.02.02.	Paralysis nervi obturatorii (obturator paralysis)	
N	1.09.11.02.03.	Paralysis nervi ischiadici (sciatic paralysis)	
N	1.09.11.02.04.	Paralysis nervi femoralis (femoral paralysis)	
N	1.09.11.02.05.	Paralysis nervi tibialis (tibial paralysis)	
N	1.09.11.02.06.	Paralysis nervi radialis (radial paralysis)	
N	1.09.11.02.07.	Paralysis nervi fibularis (fibular paralysis)	
N	1.09.99.	Other disorders of peripheral nerves	
N	1.10.	Claw diseases	
N	1.10.00.	Examination of the claws with no abnormality detected	
N	1.10.01.	Inherited diseases of the claws	
N	1.10.02.	Malformations of the claws	
N	1.10.03.	Tumors of the claws	
N	1.10.04.	Injuries of the claws	
N	1.10.04.01.	Foreign bodies penetrating the claw capsule	
N	1.10.05.	Claw deformations	
N	1.10.05.01.	Simple horn overgrowth	overgrowth at the toe, claws with abnormally long anterior and lateral walls
N	1.10.05.02.	Negative net growth of hoof horn	claws with shallow heel and abnormally short anterior and lateral walls
N	1.10.05.03.	Stubbed toe	claws with steep front angle and equal height of walls at toe and heels
Y	1.10.05.04.	Corkscrew claw (CC)	any torsion of either the outer or inner claw. The dorsal edge of the wall deviates from a straight line
N	1.10.05.05.	Diverging claws	claws with wide divergence of toes during normal loading
Y	1.10.05.06.	Scissor claws (SC)	tip of toes crossing each other
Y	1.10.05.07.	Asymmetric claws (AC)	significant difference in width, height and/or length between outer and inner claw which cannot be balanced by trimming
Y	1.10.05.08.	Thin sole (TS)	sole horn yields (feels spongy) when finger pressure is applied
N	1.10.06.	Non-purulent claw diseases	
N	1.10.06.01.	Horny pillar	circumscribed cylindrical or bar-shaped horny outgrowth at the inner wall of the claw capsule
N	1.10.06.02.	Vertical fissures in the claw wall [NOT VALID ANY MORE, new code 1.10.06.15.01.]	vertical sandcrack, vertical (longitudinal) crack in the claw wall
Y	1.10.06.03.	Horizontal horn fissure (HFH) [NOT VALID ANY MORE, new code 1.10.06.15.02.]	horizontal sandcrack / horizontal crack in the claw wall
Y	1.10.06.04.	White line fissure (WLF) [NOT VALID ANY MORE, new code 1.10.12.01.]	separation of the white line which remains after balancing both soles
N	1.10.06.05.	Loosening of parts of the claw walls	laminar loosening of wall horn from the sole parallel to the weight-bearing surface

Claw key	Code	Technical term	Synonyms, explanations
N	1.10.06.06.	Separations of parts of the claw walls	laminar separation between wall horn and underlying corium of the claw
Y	1.10.06.07.	Double sole (DS)	underrun sole, two or more layers of under-run sole horn
N	1.10.06.08.	Circumscribed sole hemorrhage in typical localization [NOT VALID ANY MORE, new code 1.10.06.16.02.01.]	circumscribed sole hemorrhage / circumscribed nonpurulent pododermatitis (inflammation of the corium of the claws) in the typical localization between heel and sole horn close to the axial wall, mainly in the outer claws of the hind limbs
N	1.10.06.09.	Laminitis	pododermatitis nonpurulenta (aseptica) diffusa, diffuse non-purulent inflammation of the corium of the claws
N	1.10.06.09.01.	Acute laminitis	pododermatitis nonpurulenta (aseptica) diffusa acuta, acute diffuse non-purulent inflammation of the corium of the claws
N	1.10.06.09.02.	Chronic laminitis	pododermatitis nonpurulenta (aseptica) diffusa chronica, chronic diffuse non-purulent inflammation of the corium of the claws
Y	1.10.06.09.02.01.	Concave dorsal wall (CD)	concave shape of the dorsal wall
Y	1.10.06.10.	Interdigital hyperplasia (IH)	corns, tyloma, interdigital fibroma, interdigital growth of fibrous tissue
N	1.10.06.10.01.	Interdigital hyperplasia (IH) associated with digital dermatitis	corns / tyloma / interdigital fibroma / interdigital growth of fibrous tissue associated with digital dermatitis
N	1.10.06.11.	Tendovaginitis flexorum digitalis nonpurulenta (non-purulent inflammation of the common digital flexor tendon sheath)	
N	1.10.06.12.	Distortion of interdigital joints	distortion of pedal or coronar joint
N	1.10.06.13.	Fracture of third or second phalanx	
N	1.10.06.13.01.	Fracture of the distal (third) phalanx	pedal bone fracture
N	1.10.06.14.	Sclerosis of the bulb	induration of the tissue at the bulb
Y	1.10.06.15.	Horn fissure (HF)	crack in the claw wall
N	1.10.06.15.01.	Vertical fissures in the claw wall	vertical sandcrack, vertical (longitudinal) crack in the claw wall
Y	1.10.06.15.01.01	Vertical horn fissure (HFV)	vertical sandcrack, vertical (longitudinal) crack in the outer or dorsal claw wall
N	1.10.06.15.01.01.01.	Vertical horn fissure (HFV) associated with digital dermatitis	vertical (longitudinal) crack in the outer or dorsal claw wall associated with digital dermatitis
Y	1.10.06.15.01.02.	Axial horn fissure (HFA)	vertical (longitudinal) crack in the inner claw wall
N	1.10.06.15.01.02.01.	Axial horn fissure (HFA) associated with digital dermatitis	vertical (longitudinal) crack in the inner claw wall associated with digital dermatitis
Y	1.10.06.15.02.	Horizontal horn fissure (HFH)	horizontal sandcrack / horizontal crack in the claw wall
N	1.10.06.15.02.01.	Horizontal horn fissure (HFH) associated with digital dermatitis	horizontal sandcrack, horizontal crack in the claw wall associated with digital dermatitis
Y	1.10.06.16.	Sole hemorrhage (SH)	sole bruising, diffused and/or circumscribed red or yellow discoloration of the sole and/or white line
Y	1.10.06.16.01.	Sole hemorrhage diffused form (SHD)	diffused light red to yellowish discoloration
Y	1.10.06.16.02.	Sole hemorrhage circumscribed form (SHC)	clear differentiation between discolored and normal colored horn
N	1.10.06.16.02.01.	Circumscribed sole hemorrhage in typical localization	circumscribed sole hemorrhage / circumscribed nonpurulent pododermatitis (inflammation of the corium of the claws) in the typical localization between heel and sole horn close to the axial wall, mainly in the outer claws of the hind limbs

Claw key	Code	Technical term	Synonyms, explanations
N	1.10.06.16.02.02.	Circumscribed sole hemorrhage in atypical localization	circumscribed sole hemorrhage / circumscribed nonpurulent pododermatitis (inflammation of the corium of the claws) in atypical localization
N	1.10.07.	Purulent claw diseases	
Y	1.10.07.01.	Ulcer (U)	pododermatitis circumscripta purulenta (circumscribed purulent inflammation of the corium of the claws), ulceration of the sole area specified according to localization (zones) such as bulb ulcer, sole ulcer, toe ulcer/necrosis
N	1.10.07.02.	Pododermatitis diffusa purulenta	diffuse purulent inflammation of the corium of the claws
Y	1.10.07.03.	Sole ulcer (SU)	pododermatitis solearis circumscripta purulenta et necroticans (circumscribed purulent and necrotizing inflammation of the corium of the claws), penetration through the sole horn exposing fresh or necrotic corium
Y	1.10.07.03.01.	Toe ulcer (TU)	pododermatitis solearis circumscripta purulenta et necroticans (circumscribed purulent and necrotizing inflammation of the corium of the claws at the toe), ulcer located at the toe
N	1.10.07.03.01.01.	Toe ulcer (TU) associated with digital dermatitis	pododermatitis solearis et apicalis circumscripta purulenta et necroticans (circumscribed purulent and necrotizing inflammation of the corium of the claws at the toe) / ulcer located at the toe associated with digital dermatitis
N	1.10.07.03.02.	Sole ulcer in the typical localization	Rusterholz ulcer, pododermatitis solearis et axialis circumscripta purulenta et necroticans (circumscribed purulent and necrotizing inflammation of the corium of the claws between heel and sole horn close to the axial wall) mainly in the outer claws of the hind limbs
N	1.10.07.03.02.01.	Sole ulcer in the typical localization associated with digital dermatitis	Rusterholz ulcer / pododermatitis solearis et axialis circumscripta purulenta et necroticans (circumscribed purulent and necrotizing inflammation of the corium of the claws) between heel and sole horn close to the axial wall (pododermatitis solearis et axialis circumscripta purulenta et necroticans) mainly in the outer claws of the hind limbs, associated with digital dermatitis
N	1.10.07.03.03.	Sole ulcer in atypical localization	pododermatitis solearis circumscripta purulenta et necroticans (circumscribed purulent and necrotizing inflammation of the corium of the claws) in neither of the typical locations (i.e. toe, between heel and sole horn close to the axial wall, mainly in the outer claws of the hind limbs, bulb)
N	1.10.07.03.03.01.	Sole ulcer in atypical localization associated with digital dermatitis	pododermatitis solearis circumscripta purulenta et necroticans (circumscribed purulent and necrotizing inflammation of the corium of the claws) in neither of the typical locations (i.e. toe, between heel and sole horn close to the axial wall, mainly in the outer claws of the hind limbs, bulb) associated with digital dermatitis
Y	1.10.07.03.04.	Bulb ulcer (BU)	pododermatitis pulvinalis circumscripta purulenta et necroticans (circumscribed purulent and necrotizing inflammation of the corium of the claws at the bulb), heel ulcer, ulcer located at the bulb
N	1.10.07.03.04.01.	Bulb ulcer (BU) associated with digital dermatitis	pododermatitis pulvinalis circumscripta purulenta et necroticans (circumscribed purulent and necrotizing inflammation of the corium of the claws at the bulb) / heel ulcer / ulcer located at the bulb associated with digital dermatitis
Y	1.10.07.04.	Toe ulcer (TU) [NOT VALID ANY MORE, new code 1.10.07.03.01.]	pododermatitis solearis circumscripta purulenta et necroticans (circumscribed purulent and necrotizing inflammation of the corium of the claws at the toe), ulcer located at the toe
N	1.10.07.05.	Sole ulcer in the typical localization [NOT VALID ANY MORE, new code 1.10.07.03.02.]	Rusterholz ulcer, pododermatitis solearis et axialis circumscripta purulenta et necroticans (circumscribed purulent and necrotizing inflammation of the corium of the claws between heel and sole horn close to the axial wall) mainly in the outer claws of the hind limbs
Y	1.10.07.06.	White line abscess (WLA) [NOT VALID ANY MORE, new code 1.10.12.02.]	pododermatitis purulenta (septica) circumscripta parietalis et abaxialis, necro-purulent inflammation of the corium
N	1.10.07.07.	Interdigital necrosis	necrosis interdigitalis, interdigital necrobacillosis, foul (foul of the foot), foot-rot, infectious purulent and necrotizing inflammation of interdigital tissue

Claw key	Code	Technical term	Synonyms, explanations
Y	1.10.07.08.	Swelling of coronet and/or bulb (SW)	digital phlegmon, panaritium, digital inflammatory edema, uni- or bilateral swelling of tissue above horn capsule which may be caused by different conditions
N	1.10.07.08.01.	Swelling of the coronet	coronary digital phlegmon, coronary panaritium, digital inflammatory edema along the coronary band
N	1.10.07.08.02.	Swelling of the bulb	heel phlegmon, heel panaritium, digital inflammatory edema at the heels
Y	1.10.07.08.03.	Interdigital phlegmon (IP)	foul-in-the-foot, footrot, interdigital panaritium, inflammatory edema in the interdigital space, symmetric painful swelling of the foot commonly accompanied with odorous smell with sudden onset of lameness
Y	1.10.07.09.	Heel horn erosion (HHE)	erosio unguulae, slurry heel, erosion of the bulbs, in severe cases typically V-shaped, possibly extending to the corium
Y	1.10.07.10	Digital dermatitis (DD)	dermatitis digitalis, Mortellaro disease, Strawberry disease, infection of the digital and/or interdigital skin with erosion, mostly painful ulcerations and/or chronic hyperkeratosis/proliferation
N	1.10.07.10.00.	Free of signs of digital dermatitis (M0)	
N	1.10.07.10.01.	M1 stage of digital dermatitis	initial stage of digital dermatitis digitalis of less than 2 cm diameter
N	1.10.07.10.02.	M2 stage of digital dermatitis	acute digital dermatitis, digital dermatitis with bleeding ulcer of more than 2 cm diameter
N	1.10.07.10.03.	M3 stage of digital dermatitis	healing stage of digital dermatitis
N	1.10.07.10.04.	M4 stage of digital dermatitis	chronic digital dermatitis
N	1.10.07.10.04.01.	M4 stage of digital dermatitis with hyperkeratosis	chronic digital dermatitis with hyperkeratosis
N	1.10.07.10.04.02.	M4 stage of digital dermatitis with filiforme structures	papillomatous digital dermatitis
N	1.10.07.10.04.03.	M4 stage of digital dermatitis with M1 lesion	chronic digital dermatitis with additional small ulcer
Y	1.10.07.11.	Interdigital / superficial dermatitis (ID)	all kind of mild dermatitis around the claws that is not classified as digital dermatitis
N	1.10.07.12.	Necrosis of the distal phalanx	toe necrosis, osteomyelitis of distal phalanx, degradation of the pedal bone
Y	1.10.07.12.01.	Toe necrosis (TN)	necrosis of the tip of the toe with affection of bone tissue
N	1.10.07.12.01.01.	Toe necrosis (TN) associated with digital dermatitis	necrosis of the tip of the toe with affection of bone tissue associated with digital dermatitis
N	1.10.07.13.	Necrosis of the distal end of the deep digital flexor tendon	
N	1.10.07.14.	Purulent inflammation of the common digital flexor tendon sheath	
N	1.10.07.15.	Purulent inflammation of the distal interdigital joint	
N	1.10.07.16.	Purulent inflammation of the proximal interphalangeal joint	
N	1.10.08.	Amputation of claws	
N	1.10.09.	Resection of the distal end of the deep digital flexor tendon	surgical removal of the distal end of the deep digital flexor tendon
N	1.10.10.	Resection of the distal interphalangeal joint	surgical removal of the distal interphalangeal joint
N	1.10.11.	Not fixable in claw treatment crush because of medical reasons	
Y	1.10.12.	White line disease (WL)	separation of the white line with or without purulent exudation
Y	1.10.12.01.	White line fissure (WLF)	separation of the white line which remains after balancing both soles
Y	1.10.12.02.	White line abscess (WLA)	pododermatitis purulenta (septica) circumscripta parietalis et abaxialis, necro-purulent inflammation of the corium
N	1.10.12.02.01.	White line abscess (WLA) associated with digital dermatitis	pododermatitis purulenta (septica) circumscripta parietalis et abaxialis / necro-purulent inflammation of the corium associated with digital dermatitis
N	1.10.99.	Other disorders of the claws	
N	1.11.	Diseases of the central nervous system and the sensory organs	

Claw key	Code	Technical term	Synonyms, explanations
N	1.11.00.	Examination of the central nervous system and the sensory organs	
N	1.11.01.	Inherited diseases of the central nervous system and the sensory organs	
N	1.11.02.	Malformation of the central nervous system and the sensory organs	
N	1.11.02.01.	Hydrocephalus	
N	1.11.02.02.	Cerebellar hypoplasia (hypoplasia of the cerebellum)	"Hereford disease", underdevelopment of the cerebellum
N	1.11.02.03.	Microphthalmia	inherited underdevelopment of the eye
N	1.11.02.04.	Dermoid	
N	1.11.02.05.	Strabismus convergens congenitus (congenital convergent strabismus)	congenital esotropia, congenital convergent squint
N	1.11.03.	Tumors of the central nervous system and the sensory organs	
N	1.11.04.	Injuries of the central nervous system and the sensory organs	
N	1.11.05.	Diseases of the brain	
N	1.11.05.01.	Meningoencephalitis	inflammation of the brain and the meninges
N	1.11.05.01.01.	Sporadic bovine encephalomyelitis	
N	1.11.05.01.02.	Syndrome relating to abscess at the base of the brain	
N	1.11.06.	Diseases of the spinal cord	
N	1.11.06.01.	Myelitis	inflammation of the spinal cord
N	1.11.06.01.01.	Meningoencephalomyelitis purulenta (purulent meningoencephalomyelitis)	purulent inflammation of the brain, the spinal cord and the meninges
N	1.11.06.01.02.	Cauda equina neuritis (paralysis of tail muscles and sphincter muscles of anus and urinary bladder)	
N	1.11.07.	Eye diseases	
N	1.11.07.01.	Conjunctivitis	inflammation of the conjunctiva
N	1.11.07.02.	Keratitis	inflammation of the cornea
N	1.11.07.03.	Iridocyclitis (anterior uveitis)	inflammation of the uvea
N	1.11.07.04.	Chorioiditis	inflammation of the chorioid membrane
N	1.11.07.05.	Cataracta lentis	opacity of the lens
N	1.11.07.06.	Amaurosis	complete blindness
N	1.11.07.07.	Ablatio retinae (ablation of the retina)	detachment of the retina
N	1.11.07.08.	Diseases of the eye bulb	
N	1.11.07.08.01.	Strabismus	squint
N	1.11.07.08.02.	Nystagmus	nystagmoid movement of the globe
N	1.11.07.08.03.	Protrusio bulbi (exophthalmus)	protrusion of the eye bulb
N	1.11.07.08.04.	Enophthalmus	retraction of the eye bulb
N	1.11.07.08.05.	Panophthalmia	inflammation of all parts of the eye
N	1.11.07.09.	Exenteratio bulbi (surgical removal of the eye bulb)	
N	1.11.07.10.	Evisceratio (surgical removal of the eye)	
N	1.11.08.	Ear diseases	
N	1.11.08.01.	Othematom (ear hematoma)	
N	1.11.08.02.	Otitis externa (external otitis)	inflammation of the ear canal / outer auditory meatus
N	1.11.08.03.	Otitis media	inflammation of the middle ear
N	1.11.08.04.	Otitis interna	inflammation of the inner ear
N	1.11.99.	Other disorders of the central nervous system and the sensory organs	
N	1.12.	Diseases of the udder (other than mastitis)	
N	1.12.00.	Examination of the udder with no abnormality detected	
N	1.12.01.	Inherited diseases of the udder	
N	1.12.02.	Malformations of the udder	
N	1.12.03.	Atrophy of the udder	
N	1.12.04.	Deformations of the udder	
N	1.12.04.01.	Abnormal shape of the udder	
N	1.12.05.	Tumors of the udder	
N	1.12.06.	Injuries of the udder	
N	1.12.06.01.	Udder hematoma	
N	1.12.06.02.	Teat injuries	
N	1.12.06.03.	Injuries of the body of the mammary gland	
N	1.12.06.04.	Foreign material in the mammary gland	
N	1.12.06.05.	Teat fistula	
N	1.12.06.06.	Teat end hyperkeratosis	
N	1.12.07.	Diseases of the skin and subcutis of the udder	
N	1.12.07.01.	Udder exanthema (symptomatic skin rash at the udder)	skin rash at the udder accompanying an eruptive disease or fever
N	1.12.07.01.01.	Nutritional udder exanthema	feeding-related skin rash at the udder
N	1.12.07.01.02.	Allergic udder exanthema	allergic skin rash at the udder
N	1.12.07.02.	Udder eczema	idiopathic skin rash at the udder
N	1.12.07.02.01.	Udder acne	udder impetigo, purulent inflammation of hair follicles and sebaceous glands at the udder
N	1.12.07.03.	Dermatitis uberis (dermatitis at the udder)	inflammation of the skin at the udder
N	1.12.07.03.01.	Dermatitis at the lateral udder and the medial thigh	intertrigo, lateral udder sores, necrotic inflammation of the skin at the lateral aspects of the udder and the medial aspect of the thigh

Claw key	Code	Technical term	Synonyms, explanations
N	1.12.07.03.02.	Dermatitis at the medial forequarters of the udder	anterior udder sores, necrotic inflammation of the skin at the anterior portion of the udder between the forequarters and adjacent abdominal skin
N	1.12.07.03.03.	Udder furunculosis	disseminated deep purulent inflammation of hair follicles and sebaceous glands at the udder
N	1.12.07.03.04.	Pseudocowpox (paravaccinia)	"milker's nodes", infection with Parapoxvirus bovis 2
N	1.12.07.04.	Udder edema	accumulation of serous fluid in the udder tissue
N	1.12.07.04.01.	Prepartal udder edema	udder edema before parturition, calving-related accumulation of serous fluid in the udder tissue
N	1.12.07.04.02.	Chronic udder edema (recurrent udder edema)	chronic and repeated accumulation of serous fluid in the udder tissue
N	1.12.08.	Disturbance of milk flow	
N	1.12.08.01.	Bloody milk	blood-contamination of milk due to intra-mammary rupture of blood vessels
N	1.12.08.02.	Failure of milk ejection	
N	1.12.08.03.	Disorders of the ducts of the udder	
N	1.12.08.03.01.	Galactophoritis	inflammation of the ducts of the udder
N	1.12.08.03.02.	Teat stenosis	stenoses in the ducts of the udder
N	1.12.08.03.03.	Disorders of the streak canal of the teat	
N	1.12.09.	Teat endoscopy	
N	1.12.99.	Other disorders of the udder (except mastitis)	
N	1.13.	Mastitis (inflammation of the mammary gland)	
N	1.13.01.	Mastitis - descriptive	mastitis by type of inflammatory signs
N	1.13.01.01.	Disturbance of milk secretion	non-infectious increase of somatic cells in the milk
N	1.13.01.02.	Mastitis catarrhalis acuta (acute catarrhal mastitis)	
N	1.13.01.03.	Mastitis catarrhalis chronica (chronic catarrhal mastitis)	
N	1.13.01.04.	Mastitis haemorrhagica (hemorrhagic mastitis)	inflammation of the mammary gland with bleeding and blood-admixture to the milk
N	1.13.01.05.	Mastitis necrotica (necrotizing mastitis)	inflammation of the mammary gland with tissue necrosis and admixture of putrid tissue to the milk
N	1.13.01.06.	Mastitis apostematosa (purulent mastitis)	inflammation of the mammary gland with abscess formation and purulent tissue degradation
N	1.13.01.07.	Mastitis interstitialis non purulenta (non-purulent interstitial mastitis)	non-purulent inflammation of the connective tissue of the mammary gland
N	1.13.01.08.	Mastitis granulomatosa (granulomatous mastitis)	inflammation of the mammary gland with granulomatous tissue degradation
N	1.13.01.09.	Mastitis phlegmonosa / Mastitis acuta gravis (phlegmonous mastitis)	severe inflammation of the mammary gland with necrosis of secretory tissue and extensive accumulation of serous fluid in the udder
N	1.13.01.10.	Mastitis catarrhalis subclinica (subclinical mastitis)	infectious inflammation of the mammary gland without clinical signs
N	1.13.02.	Mastitis - etiological	Inflammation of the udder - with isolation of pathogenic agents
N	1.13.02.01.	Mastitis with isolation of Streptococci (Sc.)	
N	1.13.02.01.01.	Mastitis with isolation of Sc. agalactiae (ScB)	
N	1.13.02.01.02.	Mastitis with isolation of Sc. dysgalactiae (ScC)	
N	1.13.02.01.03.	Mastitis with isolation of Sc. uberis (ScE)	
N	1.13.02.01.04.	Mastitis with isolation of other Streptococci	
N	1.13.02.02.	Mastitis with isolation of Micrococci	
N	1.13.02.02.01.	Mastitis with isolation of Staphylococcus aureus (St. aureus)	
N	1.13.02.02.02.	Mastitis with isolation of coagulase-negative Staphylococci (CNS)	
N	1.13.02.02.03.	Mastitis with isolation of other Micrococci	
N	1.13.02.03.	Mastitis with isolation of Enterobacteria	
N	1.13.02.03.01.	Mastitis with isolation of Escherichia coli (E. coli)	
N	1.13.02.03.02.	Mastitis with isolation of Klebsiellae	
N	1.13.02.03.03.	Mastitis with isolation of other Enterobacteria	
N	1.13.02.04.	Mastitis with isolation of Arcanobacterium pyogenes (A. pyogenes)	
N	1.13.02.05.	Mastitis with isolation of Pseudomonas aeruginosa	
N	1.13.02.06.	Mastitis with isolation of Mycobacteria (Mycobacterium spp.)	
N	1.13.02.06.01.	Udder tuberculosis	inflammation of the mammary gland after infection with Mycobacterium bovis or Mycobacterium tuberculosis
N	1.13.02.06.02.	Atypical mycobacteriosis	inflammation of the mammary gland after infection with atypical Mycobacteria, e.g., of M. avium group
N	1.13.02.07.	Mastitis with isolation of Nocardiae	
N	1.13.02.08.	Mastitis with isolation of Mycoplasmae	
N	1.13.02.09.	Mastitis with isolation of yeasts	
N	1.13.02.10.	Mastitis with isolation of Protothecae (Algae mastitis)	
N	1.13.02.11.	Mastitis with isolation of other pathogenic agents	
N	1.13.99.	Other inflammations of the udder	
N	2.	Reproduction disorders in females	
N	2.01.	Diseases of the female reproductive system	
N	2.01.00.	Examination of the female reproductive system with no abnormality detected	

Claw key	Code	Technical term	Synonyms, explanations
N	2.01.01.	Inherited diseases of the female reproductive system	
N	2.01.02.	Malformations of the female reproductive system	
N	2.01.02.01.	Freemartinism	
N	2.01.02.02.	Genital malformations in females	
N	2.01.02.03.	Infantilism in females	
N	2.01.02.04.	Tissue junctions in the vagina	
N	2.01.02.05.	Hypoplasia of the ovaries	underdevelopment of the ovaries
N	2.01.03.	Tumors of the female reproductive system	
N	2.01.04.	Injuries of the female reproductive system	
N	2.01.05.	Diseases of the vulva	
N	2.01.05.01.	Insufficient closure of the vulva	
N	2.01.06.	Diseases of the vagina	
N	2.01.06.01.	Pneumovagina	accumulation of air in the vagina due to insufficient closure
N	2.01.06.02.	Prolaps vaginae (vaginal prolapse)	
N	2.01.06.03.	Vaginitis	inflammation of the vagina
N	2.01.07.	Diseases of the cervix uteri	diseases of the neck of the uterus
N	2.01.07.01.	Cervicitis	inflammation of the cervix
N	2.01.08.	Diseases of the uterus	
N	2.01.09.	Diseases of the fallopian tube / oviduct	
N	2.01.09.01.	Salpingitis	inflammation of the fallopian duct / oviduct
N	2.01.10.	Diseases of the ovaries	
N	2.01.99.	Other disorders of the female reproductive system	
N	2.02.	Pregnancy disorders	
N	2.02.00.	Examination for pregnancy disorders with no abnormality detected	
N	2.02.01.	Disorders of the fetal membranes and the amniotic fluid	
N	2.02.01.01.	Hydrops amnii et allantii (hydrops of amnion and allantois)	effusion of fluid in and between fetal membranes
N	2.02.01.01.01.	Hydrallantois	effusion of fluid in the allantois, i.e. the fetal urinary bladder
N	2.02.01.01.02.	Hydramnion	effusion of fluid in the amnion, i.e. the inner fetal membrane
N	2.02.02.	Disorders of embryonal and fetal development	
N	2.02.02.01.	Premature termination of pregnancy (reproductive loss)	
N	2.02.02.01.01.	Embryonic death	reproductive loss until day 50 of pregnancy
N	2.02.02.01.02.	Fetal mummification	reproductive loss with desiccated fetus
N	2.02.02.01.03.	Fetal maceration	reproductive loss with macerated fetus
N	2.02.02.01.04.	Fetal emphysema	reproductive loss with putrid gas accumulation
N	2.02.02.02.	Abortion	
N	2.02.02.02.01.	Abortus immaturus (early abortion)	abortion before day 210 of pregnancy
N	2.02.02.02.02.	Abortus praematurus (late abortion)	premature calving, abortion after day 210 of pregnancy
N	2.02.02.03.	Graviditatis prolongata (prolonged gestation)	duration of pregnancy > 290 days
N	2.02.03.	Termination of pregnancy	
N	2.02.99.	Other disorders of pregnancy	
N	2.03.	Diseases related to calving	
N	2.03.00.	Examination for calving-related diseases with no abnormality detected	
N	2.03.01.	Parturition disorders	
N	2.03.01.01.	Dystocia	calving difficulties
N	2.03.01.01.01.	Absolute oversize of the calf	
N	2.03.01.01.02.	Relative oversize of the calf	
N	2.03.01.02.	Stillbirth	delivery of a dead calf
N	2.03.01.03.	Teratism	
N	2.03.01.04.	Calf with anomalies	
N	2.03.02.	Labour disorders	
N	2.03.02.01.	Bradycocia (tedious labour)	
N	2.03.02.02.	Excessive labour	
N	2.03.03.	Narrowness of the female reproductive tract	
N	2.03.04.	Preterm rupture of the fetal membranes	
N	2.03.05.	Irregular position of the calf	
N	2.03.05.01.	Irregular posture of the calf	deviation from extended posture, i.e. calf lying with flexed extremities

Claw key	Code	Technical term	Synonyms, explanations
N	2.03.05.02.	Irregular position of the calf	deviation from upper position, i.e. calf not lying with vertebral axis up
N	2.03.05.03.	Irregular presentation of the calf	deviation from anterior or posterior presentation, i.e. no parallelism of longitudinal axes of cow and calf
N	2.03.06.	Uterine diseases related to calving	
N	2.03.06.01.	Torsio uteri (uterine torsion)	
N	2.03.07.	Obstetric intervention	
N	2.03.08.	Medical induction of labour	
N	2.03.09.	Fetotomy	
N	2.03.10.	Sectio caesarea	
N	2.03.99.	Other calving disorders	
N	2.04.	Disorders in the postpartal period	
N	2.04.00.	Puerperal control with no abnormality detected	
N	2.04.01.	Calving-related injuries of the reproductive system	
N	2.04.01.01.	Calving-related injuries of the vulva	
N	2.04.01.02.	Calving-related injuries of the vagina	
N	2.04.01.03.	Calving-related injuries of the cervix	
N	2.04.01.04.	Calving-related injuries of the uterus	
N	2.04.01.05.	Perineal laceration	
N	2.04.02.	Prolaps uteri (uterine prolapse)	
N	2.04.03.	Retentio secundinarum (retained placenta)	retained fetal membranes
N	2.04.04.	Atonia uteri (atony of the uterus)	
N	2.04.05.	Puerperal diseases	disturbance of regeneration of the female reproductive tract after calving during clinical puerperium, i.e. until day 21 p.p.
N	2.04.05.01.	Lochiometra	postpartum secretion retention
N	2.04.05.02.	Metritis	inflammation of all layers of the uterine wall
N	2.04.05.03.	Puerperal poisoning	infection of the lochia with fever and general signs of disease
N	2.04.05.04.	Puerperal septicemia	general infection due to infection of the lochia
N	2.04.99.	Other puerperal disorders	
N	2.05.	Female infertility	
N	2.05.00.	Control of oestrus cycle with no abnormality detected	
N	2.05.01.	Uterine infertility	infertility related to changes in the uterus
N	2.05.01.01.	Endometritis	inflammation of the mucus membranes of the uterus
N	2.05.01.01.01.	E1 Endometritis catarrhalis (catarrhal endometritis)	catarrhal inflammation of the mucus membranes of the uterus
N	2.05.01.01.02.	E2 Endometritis mucopurulenta (mucopurulent endometritis)	mucopurulent inflammation of the mucus membranes of the uterus
N	2.05.01.01.03.	E3 Endometritis purulenta (purulent endometritis)	purulent inflammation of the mucus membranes of the uterus
N	2.05.01.01.04.	E4 Pyometra	pus-filled lumen of the uterus
N	2.05.02.	Ovarial infertility	infertility related to changes in the ovaries
N	2.05.02.01.	Disturbance of the ovarian reproductive cycle	
N	2.05.02.01.01.	Acycilia	absence of heat with inactive ovaries
N	2.05.02.01.02.	Anaphrodisia / Anoestrus	silent heat, absence of heat with active ovaries
N	2.05.02.01.03.	Irregular interoestrus intervals	
N	2.05.02.01.03.01.	Shortened interoestrus intervals	interoeestrus intervals < 19 days
N	2.05.02.01.03.02.	Prolonged interoestrus intervals	interoeestrus intervals > 23 days
N	2.05.02.01.03.03.	Irregular interoestrus intervals	
N	2.05.02.01.04.	Abnormal ovulations	
N	2.05.02.01.04.01.	Delay of ovulation	
N	2.05.02.01.04.02.	Anovulatory oestrus cycle	
N	2.05.02.01.05.	Other disturbances of the oestrus cycle	
N	2.05.02.02.	Nymphomania	
N	2.05.02.03.	Virilism	masculinization of cows
N	2.05.02.04.	Ovarial cysts	cystic ovary disease

Claw key	Code	Technical term	Synonyms, explanations
N	2.05.02.04.01.	Follicular cystic ovary disease	
N	2.05.02.04.02.	Luteal cystic ovary disease	
N	2.05.02.04.03.	Cystic ovarian degeneration	
N	2.05.02.05.	Corpus luteum persists (persisting corpus luteum)	delayed regression of corpus luteum
N	2.05.02.06.	Atrophy of the ovaries	
N	2.05.02.07.	Dystrophy of the ovaries	
N	2.05.03.	Examination due to infertility	
N	2.05.04.	Treatment due to infertility	
N	2.99.	Other disturbances of female fertility	
N	3.	Reproduction disorders in males	
N	3.00.	Examination of the male reproductive system with no abnormality detected	
N	3.01.	Inherited diseases of the male reproductive system	
N	3.01.01.	Cryptorchidism	incomplete descent of testicles into the scrotum
N	3.01.02.	Testicular hypoplasia (hypoplasia of testes)	
N	3.01.03.	Anomalies of spermatozoa	
N	3.01.04.	Wolffian duct aplasia	failure of development of male reproductive ducts
N	3.02.	Malformations of the male reproductive system	
N	3.02.01.	Frenulum praeputii persists (persistent preputial frenulum)	permanent tissue connection between glans penis and preputium
N	3.03.	Tumors of the male reproductive system	
N	3.03.01.	Sertoli cell tumor	
N	3.03.02.	Leydig cell tumor	
N	3.04.	Injuries of the male reproductive system	
N	3.05.	Diseases of the preputium	
N	3.05.01.	Phimosis	preputial constriction
N	3.05.02.	Preputial inflammation	
N	3.05.03.	Paraphimosis	
N	3.05.04.	Preputial prolaps	
N	3.06.	Diseases of the penis	
N	3.06.01.	Penis hypoplasia	underdevelopment of the penis
N	3.06.02.	Penis inflammation	
N	3.06.02.01.	Balanopostitis	
N	3.06.02.02.	Bleeding during erection	
N	3.06.03.	Penis prolaps	
N	3.06.04.	Penis paralysis	
N	3.06.05.	Penis hematoma	
N	3.06.06.	Penis bending	
N	3.06.07.	Penis fracture	
N	3.07.	Testicular diseases	
N	3.07.01.	Orchitis	inflammation of the testes
N	3.07.02.	Degeneration of the testes	
N	3.07.03.	Fibrosis of the testes	
N	3.07.04.	Underdevelopment of the testes	
N	3.07.04.01.	Hypoplasia of the testes	
N	3.07.04.02.	Aplasia of the testes	
N	3.07.05.	Castration	
N	3.08.	Epididymal diseases	
N	3.08.01.	Epididymitis	inflammation of the epididymes
N	3.09.	Scrotal diseases	
N	3.09.01.	Inflammation of the scrotum	
N	3.10.	Impotentia (male infertility)	
N	3.10.00.	Virility control with no abnormality detected	
N	3.10.01.	Impotentia generandi	lack of fertile semen
N	3.10.02.	Impotentia coeundi	erection disturbance
N	3.99.	Other male reproductive disorders	
N	4.	Infectious disease and other microbe-related diseases (except local infections of udder and claws)	
N	4.01.	Prion diseases	
N	4.01.01.	BSE = Bovine Spongiform Encephalopathy	
N	4.01.02.	Other prion diseases	
N	4.02.	Viral infections (except local infections of udder and claws)	
N	4.02.01.	Rotavirus infection	
N	4.02.02.	Coronavirus infection	
N	4.02.03.	Parvovirus infection	
N	4.02.04.	PI = Parainfluenza (infection with Parainfluenza 3 virus)	
N	4.02.05.	BVD / MD = Bovine Virusdiarrhea / Mucosal Disease	
N	4.02.05.01.	BVD = Bovine Virusdiarrhea	
N	4.02.05.02.	MD = Mucosal disease	

Claw key	Code	Technical term	Synonyms, explanations
N	4.02.06.	BMCF = Bovine malignant catarrhal fever	
N	4.02.07.	Adenovirus infection	
N	4.02.08.	Infection with BRSV = Bovine respiratory syncytialvirus	
N	4.02.09.	Infection with BHV1 = Bovine herpes virus 1	
N	4.02.09.01.	IBR = Infectious bovine rhinotracheitis	
N	4.02.09.02.	IPV = Infectious pustular vulvovaginitis	
N	4.02.09.03.	IBP = Infectious balanoposthitis	infectious penoposthitis
N	4.02.10.	Papillomatosis	cutaneous and mucosal warts due to papilloma virus infection
N	4.02.11.	Cowpox	cowpox and vaccinia, diseases caused by orthopox virus infections
N	4.02.12.	FMS = Foot-and-mouth disease	
N	4.02.13.	Stomatitis vesicularis (vesicular stomatitis)	
N	4.02.14.	Stomatitis papulosa	
N	4.02.15.	Aujeszky's disease (Pseudorabies)	
N	4.02.16.	EBL = Enzootic bovine leukosis / leukemia	bovine lymphadenosis, lymphosarcomatosis, diseases after infection with BLV = bovine leucosis / leukemia virus
N	4.02.17.	Rabies	
N	4.02.18.	BT = Bluetongue	
N	4.02.19.	Rinderpest	
N	4.02.20.	Schmallenberg virus infection	
N	4.02.99.	Other virus infections	
N	4.03.	Bacterial infections (except local bacterial infections of udder and claws)	
N	4.03.01.	Escherichia coli infection	
N	4.03.01.01.	Coli septicemia	general disease due to infection with Escherichia coli
N	4.03.01.02.	Coli diarrhoea	diarrhoea due to infection with Escherichia coli
N	4.03.02.	Yersinia enterocolitica infection	
N	4.03.03.	Salmonellosis	disease caused by infection with Salmonella spp.
N	4.03.03.01.	Salmonella dublin infection	
N	4.03.03.02.	Salmonella typhimurium infection	
N	4.03.03.03.	Salmonella enteridis infection	
N	4.03.03.04.	Other Salmonella infections	
N	4.03.04.	Paratuberculosis (Johne disease)	intestinal disease after infection with Mycobacterium paratuberculosis
N	4.03.05.	Pasteurellosis	shipping fever, transit fever, infection with Pasteurella spp.
N	4.03.05.01.	Acute pasteurellosis	haemorrhagic septicaemia, severe general disease caused by infection with Pasteurella multocida
N	4.03.05.02.	Chronic pasteurellosis	chronic inflammatory changes of pleura and lungs due to infection with Pasteurella spp.
N	4.03.06.	Infection with streptococcus pneumoniae	
N	4.03.07.	Mycoplasma infection	
N	4.03.08.	Infection with arcanobacterium pyogenes	
N	4.03.08.01.	Pyobacillosis	abscess formation after infection with Arcanobacterium pyogenes
N	4.03.08.02.	Uterine infection with Arcanobacterium pyogenes	
N	4.03.09.	Infection with Staphylococci	
N	4.03.09.01.	Acne due to infection with Staphylococci	purulent inflammation of hair follicles and sebaceous glands due to Staphylococcus infection
N	4.03.09.02.	Furunculosis due to infection with staphylococcus spp.	disseminated deep purulent inflammation of hair follicles and sebaceous glands due to Staphylococcus infection
N	4.03.10.	Actinobacillosis	wooden tongue, granulomatous inflammation due to infection with Actinobacillus lignieresii, mainly affecting soft tissue like tongue
N	4.03.11.	Actinomycosis	lumpy jaw, granulomatous inflammation due to infection with Actinomyces bovis, mainly affecting mandible and maxilla bones
N	4.03.12.	Infection with fusobacterium necrophorum / bacteroides nodosus	
N	4.03.12.01.	Necrobacillosis	purulent and necrotizing inflammation of organs due to infection with Fusobacterium necrophorum
N	4.03.12.02.	Calf diphtheria	purulent and necrotizing inflammation of oral and/or laryngeal mucus membranes due to infection with Fusobacterium necrophorum in calves
N	4.03.13.	Diseases caused by Clostridia	Clostridium infections and intoxications
N	4.03.13.01.	Blackleg	blackquarter, fluid and gas accumulation in muscles after infection with Clostridium chauvoei
N	4.03.13.02.	Braxy	fluid and gas accumulation in muscles and connective tissue after infection with Clostridium septicum
N	4.03.13.03.	Malignant edema	fluid and gas accumulation in muscles and connective tissue after infection with Clostridium novyi and Clostridium perfringens
N	4.03.13.04.	Gas edema disease	fluid and gas accumulation in tissue after mixed infections with gas-producing bacteria

Claw key	Code	Technical term	Synonyms, explanations
N	4.03.13.05.	Infectious necrotic hepatitis (black disease)	liver necroses and severe general signs of disease after infection with <i>Clostridium novyi</i>
N	4.03.13.06.	<i>Clostridium perfringens</i> enterotoxaemia	intestinal inflammations caused by toxins of <i>Clostridium perfringens</i>
N	4.03.13.07.	Tetanus	convulsive disease after wound infection with <i>Clostridium tetani</i>
N	4.03.13.08.	Botulism	paralytic disease caused by toxins of <i>Clostridium botulinum</i>
N	4.03.14.	<i>Moraxella bovis</i> infection	
N	4.03.14.01.	IBK = Infectious bovine keratoconjunctivitis	pink eye, contagious inflammation of cornea and conjunctiva of the eye after infection with <i>Moraxella bovis</i> and/or other microbes
N	4.03.15.	<i>Corynebacterium renale</i> infection	
N	4.03.16.	TEME = Thromboembolic meningoencephalitis	thromboembolic disease with neurological signs after infection with <i>Haemophilus somnus</i>
N	4.03.17.	<i>Campylobacter</i> infection	
N	4.03.17.01.	Enzootic <i>Campylobacter</i> abortion	venereal campylobacteriosis, bovine genital campylobacteriosis, vibriosis genitalis, abortion after mucosal infection of female reproductive tract with <i>Campylobacter fetus</i> ssp. <i>venerealis</i>
N	4.03.17.02.	<i>Campylobacter</i> enteritis (winter dysentery)	winter scours, vibronic enteritis, dysentery after infection with <i>Campylobacter</i> spp.
N	4.03.18.	<i>Chlamydia</i> infection	
N	4.03.18.01.	Epizootic bovine abortion	abortion after infection with <i>Chlamydia psittaci</i>
N	4.03.18.02.	<i>Chlamydia</i> bronchopneumonia	inflammation of bronchial tubes and lungs after infection with <i>Chlamydia</i>
N	4.03.18.03.	<i>Chlamydia</i> polyarthritis	inflammation of multiple joints after infection with <i>Chlamydia</i>
N	4.03.18.04.	Sporadic encephalomyelitis	
N	4.03.19.	Infection with <i>Erysipelothrix rhusiopathiae</i>	
N	4.03.20.	Nocardiosis	purulent inflammations with granuloma formation after infection with <i>Nocardia</i> spp.
N	4.03.21.	Listeriosis	diseases after infection with <i>Listeria monocytogenes</i>
N	4.03.22.	Leptospirosis	diseases after infection with <i>Leptospira</i> spp.
N	4.03.23.	Coxiellosis (Query fever)	Queensland fever, Q-fever, diseases after infections with <i>Coxiella burnetii</i>
N	4.03.24.	Anthrax	severe hemorrhagic disease after infection with <i>Bacillus anthracis</i>
N	4.03.25.	Tuberculosis	diseases after infections with <i>Mycobacterium bovis</i> and <i>Mycobacterium tuberculosis</i>
N	4.03.26.	Brucellosis	diseases and abortion after infection with <i>Brucella abortus</i>
N	4.03.27.	Pleuropneumonia contagiosa (contagious bovine pleuropneumonia)	severe inflammation of pleura and lungs after infection with <i>Mycoplasma mycoides</i> ssp. <i>mycoides</i>
N	4.03.99.	Other bacterial infections	
N	4.04.	Mycoses (fungal infections except local infections of udder and claws)	
N	4.04.01.	Trichophytia (dermatophytosis)	ringworm, mycotic skin disease after infection with <i>Trichophyton verrucosum</i>
N	4.04.02.	Aspergillosis	diseases after infection with <i>Aspergillus</i> spp.
N	4.04.03.	Candidosis, Candidiasis	diseases after infection with <i>Candida albicans</i>
N	4.04.99.	Other mycoses	
N	4.05.	Mycotoxicoeses	diseases caused by mycotoxins
N	4.05.01.	Ergotism (ergot poisoning)	diseases caused by ingestion of mycotoxins of <i>Claviceps purpurea</i>
N	4.05.02.	Aflatoxicosis (aflatoxin poisoning)	diseases caused by mycotoxin Aflatoxin produced by <i>Aspergillus</i> spp. and <i>Penicillium</i> spp.
N	4.05.03.	Aspergillotoxicosis (aspergillus poisoning)	diseases caused by mycotoxins of <i>Aspergillus</i>
N	4.05.04.	Stachybotryotoxicosis	diseases caused by mycotoxins of <i>Stachybotrys alternans</i>
N	4.05.05.	Fusariotoxicosis	diseases caused by mycotoxins of <i>Fusarium</i> spp.
N	4.05.06.	Rust poisoning	diseases caused by rust mycotoxins, mainly of <i>Puccinia</i> spp.
N	4.05.07.	Smut poisoning	diseases caused by smut mycotoxins of <i>Tilletia</i> spp. and <i>Ustilago</i> spp.
N	4.05.99.	Other mycotoxicoeses	
N	4.99.	Other infectious diseases and microbe-related diseases (except local infections of udder and claws)	
N	5.	Parasitoses (parasite infestations)	
N	5.01.	Protozoal infections (infestation with parasitical protozoae)	
N	5.01.01.	Trichomoniasis bovis (trichomonadosis bovis)	infection with <i>trichomonas foetus</i>
N	5.01.02.	Coccidiosis	dysentery coccidiosa, coccidial gastroenteritis, infection with <i>Eimeria</i> species from order Coccidia
N	5.01.03.	Cryptosporidiosis	infection with <i>Cryptosporidium</i> spp.
N	5.01.04.	Toxoplasmosis	infection with <i>Toxoplasma gondii</i>
N	5.01.05.	Sarcosporidiosis (sarcocystosis)	muscle cysts of <i>Sarcocystis</i> species

Claw key	Code	Technical term	Synonyms, explanations
N	5.01.06.	Piroplasmosis, i.e. babesiosis (redwater) and theileriosis	diseases caused by Piroplasma infection, i.e. infections with Babesia spp. and Theileria spp.
N	5.01.99.	Other protozoal infections	
N	5.02.	Helminth infestations	
N	5.02.01.	Trematode infestations	
N	5.02.01.01.	Fasciolosis (fascioliasis)	infections with Fasciola hepatica (and other trematodes of genus Fasciola)
N	5.02.01.02.	Dicrocoeliosis	infections with Dicrocoelium dendriticum
N	5.02.02.	Paramphistomatosis	stomach fluke disease, intestinal amphistomosis, infections with Paramphistomum species
N	5.02.03.	Anoplocephalidosis and Monieziosis	infections with tapeworms species Anoplocephala and Moniezia
N	5.02.04.	Cysticercosis, i.e. echinococcosis and coenurosis	diseases caused by cysticercus of tapeworms species Echinococcus und Taenia
N	5.02.05.	Dictyocaulosis / Bronchopneumonia verminosa (parasitic bronchitis)	husk, hoose, inflammation of bronchi and lungs due to infection with Dictyocaulus viviparus
N	5.02.06.	Strongyloidosis	infection with Strongyloides species
N	5.02.07.	Trichostrongyloidosis	gastroenteral Strongyloidosis, infections with gastroenteral nematodes
N	5.02.07.01.	Nematodirosis	infection with Nematodirus species
N	5.02.07.02.	Haemonchosis	infection with Haemonchus species
N	5.02.07.03.	Ostertagiosis	infection with Ostertagia species
N	5.02.07.04.	Trichostrongylosis	infection with Trichostrongylus species
N	5.02.07.05.	Cooperiosis	infection with Cooperia species
N	5.02.08.	Oesophagostomosis	infection with Oesophagostomum species
N	5.02.09.	Bunostomosis (hookworm infection)	infection with Bunostomum species
N	5.02.99.	Other helminth infestations	
N	5.03.	Arthropode infestations	
N	5.03.01.	Tick infestations	infestation with ixodic ticks (Ixodidae) and argasid ticks (Argasidae)
N	5.03.02.	Demodicosis	demodectic mite infestation, infestation with Demodex bovis
N	5.03.03.	Trombidiosis (trombidiasis)	infestation with Neotrombicula autumnalis
N	5.03.04.	Scabies	mange, infections with scabies mites
N	5.03.04.01.	Sarcoptic scabies	sarcoptic mange, head scabies, infection with burrowing mites
N	5.03.04.02.	Psoroptic scabies	psoroptic mange, body scabies, infection with sucking mites
N	5.03.04.03.	Chorioptic scabies	chorioptic mange, tail and feet scabies, infection with surface mites
N	5.03.05.	Pediculosis	sucking lice infestation, infestation with Haematopinus eurysternus = short-nosed sucking lice and Linognathus vituli = long-nosed sucking lice
N	5.03.06.	Trichodektosis	infestations with Bovicola bovis
N	5.03.07.	Simuliosis	infestations with Simulium spp.
N	5.03.08.	Infestation with tabanidae and muscidae	
N	5.03.09.	Myiasis	diseases caused by larvae of flies
N	5.03.10.	Hypodermatitis	warble disease, diseases caused by infections with larvae of Hypoderminae flies
N	5.03.99.	Other arthropod infestations	
N	5.99.	Other parasitoses	
N	6.	Metabolic diseases and deficiencies	
N	6.00.	Examination for metabolic diseases and deficiencies with no abnormality detected	
N	6.01.	Disturbances of energy, carbohydrate and fat metabolism	
N	6.01.01.	Hyperketonemia / acetonemia	increased content of keton bodies in the blood
N	6.01.02.	Ketosis	slow fever, disturbance of carbohydrate metabolism with increased content of ketone bodies in the blood
N	6.01.02.01.	Primary ketosis	primary disturbance of carbohydrate metabolism with increased content of ketone bodies and reduced content of glucose in the blood
N	6.01.02.01.01	Subclinical primary ketosis	primary disturbance of carbohydrate metabolism with increased content of ketone bodies and reduced content of glucose in the blood without accompanying signs of disease
N	6.01.02.01.02.	Manifest primary ketosis	primary disturbance of carbohydrate metabolism with increased content of ketone bodies and reduced content of glucose in the blood with accompanying signs of disease
N	6.01.02.02.	Secondary ketosis	secondary, i.e. in connection with other disease occurring, disturbance of carbohydrate metabolism with increased content of ketone bodies and reduced content of glucose in the blood

Claw key	Code	Technical term	Synonyms, explanations
N	6.01.02.02.01.	Subclinical secondary ketosis	secondary, i.e. in connection with other disease occurring, disturbance of carbohydrate metabolism with increased content of ketone bodies and reduced content of glucose in the blood without accompanying signs of disease
N	6.01.02.02.02.	Manifest secondary ketosis	secondary, i.e. in connection with other disease occurring, disturbance of carbohydrate metabolism with increased content of ketone bodies and reduced content of glucose in the blood with accompanying signs of disease
N	6.01.03.	Lipidosis hepatis / Steatosis hepatis (fatty liver syndrome)	fatty infiltration and degeneration of the liver
N	6.01.03.01.	Hepatic coma	severe disturbance of energy metabolism with hepatic failure
N	6.01.04.	Adipositas	
N	6.01.04.01.	Fat cow syndrome	lipomobilization syndrome, disturbance of energy metabolism with excessive fat utilization in energetically undernourished, fat cows
N	6.01.05.	Excessive loss of weight	
N	6.01.05.01.	Thin pregnant cow syndrome	excessive loss of weight in late gestation
N	6.01.06.	Paralytic myoglobinuria	disturbance of carbohydrate metabolism with signs of paralysis and urinary excretion of myoglobin
N	6.01.99.	Other disturbances of energy, carbohydrate and fat metabolism	
N	6.02.	Disturbances of protein metabolism	
N	6.02.99.	Other disturbances of protein metabolism	
N	6.03.	Disturbances of mineral balance	
N	6.03.01.	Disturbances of calcium and phosphorus balance	
N	6.03.01.01.	Parturient paresis (milk fever)	permanent recumbency of the dairy cow with reduced calcium and phosphorus content of the blood
N	6.03.01.01.01.	Typical parturient paresis / Stages 1 and 2 of parturient paresis	hypocalcemic parturient paresis, recumbency after calving with reduced calcium and phosphorus content of the blood and without or with reduced responsiveness
N	6.03.01.01.02.	Parturient coma / Stage 3 of parturient paresis	recumbency after calving with reduced calcium and phosphorus content of the blood and severely reduced responsiveness
N	6.03.01.01.03.	Atypical parturient paresis	recumbency after calving of unknown cause without reduced responsiveness
N	6.03.01.01.04.	Downer cow syndrome	recumbency after calving without response to therapeutic calcium infusion
N	6.03.01.01.05.	Lactation paresis	recumbency of the lactating cow unrelated to calving with reduced calcium content of the blood
N	6.03.01.02.	Osteopathies (bone diseases) due to disturbances of calcium and phosphorus balance	
N	6.03.01.02.01.	Rickets of calves	
N	6.03.01.02.02.	Osteomalacia of the dairy cow	
N	6.03.01.02.03.	Osteoporosis of the fattening bull	
N	6.03.01.02.04.	Epiphysiolysis distalis ossium metacarpalium seu metatarsalium (metacarpal or metatarsal epiphysiolysis)	loosing of the distal ends of bones in the metacarpus or metatarsus
N	6.03.01.02.05.	Rupture of the gastrocnemius muscle or tendon (Achilles tendon rupture) due to disturbances of calcium and phosphorus balance	
N	6.03.01.02.06.	Osteochondrosis et Osteoarthritis	degenerative changes in joint cartilage due to disturbances of calcium and phosphorus balance
N	6.03.02.	Disturbances of magnesium balance	
N	6.03.02.01.	Hypomagnesemic tetany	signs of paralysis with reduced magnesium content of the blood
N	6.03.02.01.01.	Hypomagnesemic tetany of calves	hypomagnesaemia with hyperexcitability, muscle spasm and convulsion in suckling calves
N	6.03.02.01.02.	Grass tetany	grass staggers, hyperexcitability, muscle spasm and convulsion with reduced magnesium content of the blood after grazing on lush pastures
N	6.03.02.01.03.	Stable tetany	hyperexcitability, muscle spasm and convulsion with reduced magnesium content of the blood in stabled animals with insufficient nutritional magnesium supply
N	6.03.02.01.04.	Transport tetany	muscle spasm and convulsion with reduced magnesium content of the blood after exhausting transport
N	6.03.03.	Disturbances of sodium balance	
N	6.03.03.01.	Sodium deficiency	
N	6.03.04.	Disturbances of chloride balance	
N	6.03.04.01.	Chloride deficiency	
N	6.03.05.	Disturbances of sulfur balance	
N	6.03.05.01.	Sulfur deficiency	
N	6.03.06.	Disturbances of potassium balance	
N	6.03.99.	Other disturbances of mineral balance	
N	6.04.	Disturbances of trace element balance	
N	6.04.01.	Iron deficiency	

Claw key	Code	Technical term	Synonyms, explanations
N	6.04.01.01.	Iron deficiency anemia in calves	anemia in suckling calves due to lack of iron
N	6.04.02.	Copper deficiency	
N	6.04.02.01.	Copper deficiency anemia	anemia due to lack of copper
N	6.04.03.	Zinc deficiency	
N	6.04.03.01.	Parakeratosis due to zinc deficiency	disturbance of keratinization due to lack of zinc
N	6.04.04.	Selenium deficiency	
N	6.04.05.	Manganese deficiency	
N	6.04.06.	Iodine deficiency	
N	6.04.07.	Cobalt deficiency	
N	6.04.99.	Other disturbances of trace element balance	
N	6.05.	Disturbances of vitamin balance	
N	6.05.01.	Beta carotene deficiency	provitamin A deficiency
N	6.05.02.	Vitamin A deficiency (hypovitaminosis A)	
N	6.05.03.	Vitamin E deficiency	
N	6.05.04.	Vitamin D deficiency	
N	6.05.05.	Vitamin B1 deficiency	
N	6.05.05.01.	CCN = Cerebrocorticalnecrosis (necrosis of the cerebral cortex)	polioencephalomalacia, softening and necrosis of the cerebral cortex due to lack of vitamin B1 = thiamine
N	6.05.06.	Vitamin B12 deficiency	
N	6.05.07.	Biotin deficiency	
N	6.05.08.	Folic acid deficiency	
N	6.05.99.	Other disturbances of vitamin balance	
N	6.99.	Other metabolic diseases and deficiencies	
N	7.	Poisoning	
N	7.01.	Poisoning with feed contents and additives	
N	7.01.01.	Sodium chloride poisoning	
N	7.01.02.	Nitrate / nitrite poisoning	
N	7.01.03.	Urea poisoning	
N	7.02.	Poisoning with metals, semi-metals and their salts	
N	7.02.01.	Saturnism	lead poisoning
N	7.02.02.	Cuprism	copper poisoning
N	7.02.03.	Selenosis	selenium poisoning
N	7.02.04.	Molybdenosis	molybdenum poisoning
N	7.02.05.	Mercurialism	mercury poisoning
N	7.02.06.	Iron poisoning	
N	7.02.07.	Arsenic poisoning	
N	7.02.08.	Fluorine poisoning	
N	7.02.09.	Cadmium poisoning	
N	7.03.	Drug poisonings	
N	7.03.01.	Hypervitaminosis D	excess of vitamin D
N	7.03.01.01.	Calcinosis	excess of calcium
N	7.03.02.	Hypervitaminosis A	excess of vitamin A
N	7.03.03.	Poisoning with esters of phosphoric acid	
N	7.03.04.	Poisoning with chlorinated carbon hydrides	
N	7.03.05.	Furazolidone poisoning	
N	7.04.	Poisoning with disinfectants	
N	7.04.01.	Base poisoning	
N	7.04.02.	Acid poisoning	
N	7.04.03.	Phenol poisoning	
N	7.04.04.	Aldehyde poisoning	
N	7.04.05.	Halogenide poisoning	
N	7.05.	Poisoning with fertilizers	
N	7.06.	Poisoning with herbicides and pesticides	
N	7.07.	Poisoning with phytotoxins and toxic plants	
N	7.07.01.	Onion poisoning	
N	7.07.02.	Yew poisoning	
N	7.08.	Poisoning with animal toxins	
N	7.09.	Poisoning with industrial pollutants	
N	7.99.	Other poisonings	
N	8.	Behavioral disorders and general findings	
N	8.01.	Illusive sucking	
N	8.02.	Sucking of milk	
N	8.03.	Tongue stereotypies	
N	8.04.	Urine drinking	
N	8.05.	Licking stereotypies	
N	8.06.	Kicking	
N	8.07.	Not fixable in claw treatment crush because of behavioral reasons	
N	8.08.	Performance depression	
N	8.09.	Poor body development	
N	8.10.	Disturbed digestion	
N	8.11.	Fever	
N	8.12.	Recumbency	
N	8.13.	Diarrhea	
N	8.14.	Weak footing	
N	8.99.	Other behavioral disorders and general findings	
N	9.	Health-related information not representing diagnoses	

Claw key	Code	Technical term	Synonyms, explanations
N	9.01.	No diagnosis possible	
N	9.02.	Diagnosis not listed in the key	