Supplementary Item 1.

SNOMED adapted equine classification of emergency conditions from the adapted human SNOMED classification.

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| Diagnosis | Code |
| Wound | 01 |
| Soft tissue inflammation\*  | 02 |
| Luxation/Fracture/Tendon sheath/Joint injury\* | 03 |
| Tendon/ligament injury\* | 04 |
| Muscle injury\* | 05 |
| Nerve injury (neuropathy) | 06 |
| Vascular injury\*  | 07 |
| Foot problems\* | 08 |
| Poisoning (including ragwort, lead, acorns etc.) | 09 |
| Infectious disease\* | 10 |
| Septicaemia(SIRS) | 11 |
| Cardiac conditions | 12 |
| Neurological conditions\* | 13 |
| Respiratory conditions(acute breathing problems and distress) | 14 |
| Gastrointestinal conditions\* | 15 |
| Urological conditions (emergency caused by kidney/bladder problems) | 16 |
| Neonatal conditions(disease in a foal less than a week old) | 17 |
| Reproductive conditions\* | 18 |
| Ophthalmological (eye) conditions\* | 19 |

\*subanalyses of conditions

Subanalyses of adapted SNOMED equine conditions

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| Diagnosis | Subanalysis | Code |
| Soft tissue inflammation  | * Cellulitis
* Lymphangitis
 | 12 |
| Luxation/Fracture/Tendon sheath/Joint injury | * Joint luxation/dislocation
* Fracture with open wound
* Fracture with no evident wound
* Joint or tendon sheath infection/ penetration
 | 1234 |
| Tendon/ligament injury  | * Ligament rupture/laceration
* Tendon rupture/laceration
 | 12 |
| Muscle injury  | * Rhabdomyolysis (azoturia/tying up/Monday morning disease)
* Other myopathies (clostridial/ atypical/post anaesthetic/fibrotic etc.)
 | 12 |
| Vascular injury  | * Epistaxis (nose bleed)
* Severe haemorrhage from sites other than nose
 | 12 |
| Foot problems | * Laminitis
* Penetrating injuries
* Abscess
 | 123 |
| Infectious disease | * Strangles
* Notifiable diseases (African Horse Sickness, Contagious Equine Metritis, Equine Infectious Anaemia, Equine Viral Arteritis)
 | 12 |
| Neurological conditions | * Ataxia (unsteady, uncoordinated gait not caused by weakness)
* Seizures
* Collapse
 | 123 |
| Gastrointestinal conditions | * Colic
* Grass sickness
* Choke
 | 123 |
| Reproductive conditions | * Post castration bleeding/infection
* Problems with mare in pregnancy (ruptured abdominal wall/prepubic tendon etc.)
* Problems at foaling (foal stuck, haemorrhage, overly lengthy foaling etc.)
* Problems after foaling (bleeding/infection)
 | 1234 |
| Ophthalmological (eye) conditions | * Melting ulcers
* Uveitis (recurrent equine uveitis, moon blindness, periodic ophthalmia, recurrent iridocyclitis etc.)
* Penetrating injuries
 | 123 |