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 | 1  2 |
| Luxation/Fracture/Tendon sheath/Joint injury | * Joint luxation/dislocation * Fracture with open wound * Fracture with no evident wound * Joint or tendon sheath infection/ penetration | 1  2  3  4 |
| Tendon/ligament injury | * Ligament rupture/laceration * Tendon rupture/laceration | 1  2 |
| Muscle injury | * Rhabdomyolysis (azoturia/tying up/Monday morning disease) * Other myopathies (clostridial/ atypical/post anaesthetic/fibrotic etc.) | 1  2 |
| Vascular injury | * Epistaxis (nose bleed) * Severe haemorrhage from sites other than nose | 1  2 |
| Foot problems | * Laminitis * Penetrating injuries * Abscess | 1  2  3 |
| Infectious disease | * Strangles * Notifiable diseases (African Horse Sickness, Contagious Equine Metritis, Equine Infectious Anaemia, Equine Viral Arteritis) | 1  2 |
| Neurological conditions | * Ataxia (unsteady, uncoordinated gait not caused by weakness) * Seizures * Collapse | 1  2  3 |
| Gastrointestinal conditions | * Colic * Grass sickness * Choke | 1  2  3 |
| 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) | 1  2  3  4 |
| Ophthalmological (eye) conditions | * Melting ulcers * Uveitis (recurrent equine uveitis, moon blindness, periodic ophthalmia, recurrent iridocyclitis etc.) * Penetrating injuries | 1  2  3 |