

C-E.19 Equine Emergency Care (B)

Credits: 10 (100 hours)

Provider: Veterinary Postgraduate Unit – School of Veterinary Science

Aim of the Module

This module aims to develop an in-depth knowledge of the underlying theory and the ability to practically apply this knowledge to the diagnosis and management of common equine emergencies involving the gastrointestinal and urinary system, the periparturient mare, the neonatal foal, pyrexia and inappetence.

Learning Outcomes

At the end of the module, students should be able to:

1. Critically evaluate the differential diagnosis and pathophysiology, of common emergency conditions involving the gastrointestinal and urinary system, the periparturient mare, the neonatal foal, pyrexia, and inappetence and apply this knowledge in the diagnostic evaluation and treatment of clinical cases;
2. Synthesise and apply appropriate approaches and protocols to the emergency treatment of equine patients incorporating evidence from the diagnostic database and scientific literature as well as the ability to appropriately adapt to client, animal, environmental, and practice factors;
3. Critically apply clinical reasoning skills and evidence-based medicine in the diagnostic approach and emergency management of diseases relevant to the topics covered;
4. Critically appraise the literature relevant to clinical cases in the topics covered, and how the literature can be used to inform practice;
5. Critically reflect on the appropriate case for onward referral.

Module Structure

The syllabus will be divided into 4 study units, preceded by an introductory week, each containing basic lecture and reading material supported by weekly interactions in the form of asynchronous case-based discussions, other discussions and/or synchronous journal clubs/literature critiques.

Study Unit 1: Colic and the gastrointestinal system

- Acute abdomen
- Colic care
- Renal and hepatic disease
- Diarrhoea
- Dysphagia

Study Unit 2: Inappetent /pyrexia

- Pyrexia of unknown origin
- Infectious disease

Study Unit 3: Periparturient mare

- The pregnant mare

- Dystocia
- Periparturient problems

Study Unit 4: The foal

- The sick neonatal foal
- Gastrointestinal dysfunction
- Respiratory emergencies
- Orthopaedic emergencies

Assessment Strategy

- 1 x Journal article critique and presentation (10%)
- 2 x 1500 word reflective case reports related to the subject matter of the relevant study unit (60%)
- 1 x 1500 word protocol or guideline related to the subject matter of the relevant study unit (30%)

PLEASE NOTE: It is your responsibility to ensure that you have access to sufficient appropriate cases where you were the primary decision maker to produce adequate material for the module. This may not be possible with some internship positions. You must also be aware of any limitations of your facilities that may make the accumulation of appropriate cases difficult or impossible.