

Reference Number	C-E.18
Module Title	Equine Emergency Care (A)
Category and Value	C – 10 credits
Study Hours	100

Introduction

This module takes a problem-based approach to equine emergency care. It will cover common emergency presentations involving the musculoskeletal, nervous, and respiratory systems, ophthalmic emergencies, and management of acute wounds and trauma. It is aimed at practicing equine veterinarians.

This module is one of three C-modules covering Equine Emergency and Critical Care. Completion of all three modules of Equine Emergency and Critical Care is required for candidates aiming to achieve a designated Certificate in Advanced Veterinary Practice (Equine Emergency and Critical Care). This module can also be taken as a free-standing module.

Candidates should complete Foundations of Advanced Veterinary Practice (A-FAVP.1) and Equine Practice (B-EP.3) prior to this module, as they provide essential postgraduate training in literature critique and evidence-based medicine (required for journal clubs and assessments) and fundamental training in reflective and evidence-based writing, and clinical reasoning, required for case-based assessments.

Aims

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 musculoskeletal, nervous, respiratory, and ocular systems, and the management of acute wounds and trauma.

Learning Outcomes

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

1. Critically evaluate the differential diagnosis and pathophysiology, of common emergency conditions involving the musculoskeletal, nervous, and respiratory systems, ophthalmic emergencies, and acute wounds and trauma of the horse, 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.

This module will incorporate generic skills of evidence-based medicine, clinical reasoning, literature review and critique, communication, reflection, and professional practice.

Module Content

Lame horse

- Assessment of acute lameness
- Fractures
- Synovial sepsis
- Laminitis
- Acute muscular disease
- Miscellaneous conditions

Recumbent Horse and Acute neurological disease

- The trapped horse
- Collapse
- Acute neurological disease
- Introduction to casualty Management including at public events

Dyspnoeic Horse

- Approach to respiratory emergencies
- Upper respiratory tract emergencies
- Lower respiratory tract emergencies

Wounds and Trauma

- Wound assessment and management
- Common traumatic injuries

Ocular trauma and the painful eye

- The painful eye
- Ocular trauma

Assessment Strategy

Module providers are responsible for deciding on assessment strategies and methods, subject to accreditation by RCVS.