

B-EP.3 Equine Practice

Credits: 10 (100 hours)

Provider: Veterinary Postgraduate Unit – Institute of Veterinary Science

RCVS Content Covered

The following is an abbreviated outline of the modular content as set out by the RCVS.

Completion of this module, together with A-FAVP.1 Foundations of Advanced Veterinary Practice, is **required** for all candidates who are aiming to achieve one of the equine designated Certificates in Advanced Veterinary Practice.

Learning Objectives

Candidates should have a sound grounding in the areas listed below. Candidates also need to develop the skills needed to write case reports that demonstrate the following competencies:

General objectives

- To acquire and develop written communication skills required to present case reports.
- To demonstrate an ability to communicate competence in decision making and clinical reasoning.
- To demonstrate reflective skills that enable understanding of the issues raised in clinical practice and the candidate's learning as a result of completing the module.

Learning Outcomes

Deal competently with a range of commonly presented conditions or situation from equine practice. In the presentation of these cases the following learning objectives should be achieved:

- Demonstrate a sound and logical approach to clinical cases and an understanding of the pathophysiological principles of the disorders diagnosed and treated.
- Clearly articulate the clinical reasoning and the decision making process in assessing clinical cases including discussion of diagnostic procedures and assessment of relevant laboratory data. This should include demonstration of a problem-orientated approach to clinical cases and development of appropriately prioritised differential diagnosis lists.
- Demonstrate an appreciation of the principles of clinical pharmacology related to drugs used in equine practice.
- Demonstrate understanding of principles of surgical practice as they relate to pre-operative evaluation of the patient, aseptic technique, perioperative analgesia, justification for surgical procedure chosen, client education, postoperative care.
- Demonstrate understanding of the principles of anaesthetic management including pre-anaesthetic assessment, drug pharmacology, choice of anaesthetic equipment, monitoring and supportive measures, and recovery/post op care.

Aim of the Module

The overall aims of this module are to:

1. develop in depth knowledge of diseases or disorders affecting all body systems in equine practice including consideration of the principles of equine welfare, management, handling and restraint, preventative medicine and diagnostic procedures;
2. develop clinical reasoning and evidence based medicine to an advanced level;
3. communicate case management and critical reflection to professional peers.

Learning Outcomes

By the end of this module successful candidates will be able to demonstrate:

1. in depth knowledge and approach to clinical cases including advanced clinical reasoning skills and evidence based medicine;
2. critical awareness of techniques and developments at the forefront of equine practice;
3. written communication skills required to present case reports, including the ability to present information logically, concisely, discriminating between useful and extraneous information, and the ability to discuss the findings in the light of appropriately sourced literature;
4. critical evaluation of issues raised by a case, or the subsequent review of the literature, and the application of learning into practice.

Module Structure

The content is very broad in this module and the learning outcomes above generic for veterinary practice as a whole. Hence this module has been tailored to equine practice by focusing on cases in equine practice and the approach to different types of cases (based on body system) will be emphasised.

There are a total of 8 study units covering separate body systems. The study units are weighted in terms of time allocation by significance in equine practice and the 4 major units (cardiovascular, respiratory, gastrointestinal and locomotor) are assessed with case reports.

Welfare and aspects of preventive medicine will be covered in the A-FAVP.1 Foundations in Advanced Veterinary Practice module and will form a part of many of the diseases or disorders discussed and presented as cases. Similarly appropriate restraint and anaesthesia techniques will form part of cases you might present. More detailed hospital based anaesthesia and surgical aspects will be covered in subsequent C modules.

Assessment Strategy

4 x reflective case reports (1500 words) and 1 x journal critique/journal club presentation (pass/fail)

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.