

## C-E.15 Basic Equine Practice Part 1

**Credits:** 10 (100 hours)

**Provider:** Veterinary Postgraduate Unit – School of Veterinary Science

### RCVS Content Covered

Click [here](#) to view the module content as outlined by the RCVS.

### Aim of the Module

aim of this module is to develop basic undergraduate knowledge and practice experience in the areas of equine welfare and management, diagnostic procedures, diagnostic imaging, physical and chemical restraint and anaesthesia relevant to equine practice.

### Learning Outcomes

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

1. critically evaluate the requirements and responsibilities of a veterinary surgeon in preventing and managing contagious disease in the UK, including sanitary controls in the animal environment: biosecurity, isolation, import controls, quarantine and asepsis;
2. critically evaluate the protocols and procedures in place to deal with accidents or emergencies involving horses in equine practice including the interaction between emergency personnel and the equine veterinarian in the emergency situation;
3. systematically evaluate current equine management systems and preventive medicine and their effects on equine health and welfare;
4. apply clinical reasoning skills and evidence-based medicine to choose and interpret diagnostic procedures, including imaging techniques in equine practice;
5. critically evaluate the importance of record keeping and the principles of radiation safety and workplace health and safety relevant to the individual veterinarian as well as associated others within the workplace;
6. critically evaluate handling and restraint methods and use of anaesthesia in equine practice;
7. critically evaluate the literature in order that evidence-based medicine and reflection on practice underpins decision-making processes.

### Module Structure

The syllabus will be divided into 3 study units, each containing 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: Welfare and Management

This unit will discuss the importance of animal welfare in veterinary practice and will develop an in-depth knowledge of equine management. The unit will include the role of the veterinary surgeon in assessing equine management and welfare, including in the event of suspected

biosecurity hazards, emergency situations and advising the relevant stakeholders, and understanding the relevant legislation and professional codes of conduct that frame equine practice.

### **Study Unit 2: Diagnostic Procedures**

This unit will develop and discuss use of diagnostic procedures in equine practice including the development of practice protocols and appropriate systems of record keeping and evaluation of practice to implement a system of clinical audit. Imaging This unit will develop the basic principles of imaging, including principles of radiation safety and workplace health and safety relevant to the individual veterinarian as well as associated others within the workplace and introduce advanced imaging techniques and develop interpretive skills of images obtained.

### **Study Unit 3: Physical and chemical restraint and field anaesthesia methods**

This unit will discuss anaesthesia relevant to practice scenarios with candidates able to synthesise appropriate protocols based on in depth understanding of physiology and pharmacology of anaesthetic agents combined with practical constraints of different field situations.

## **Assessment Strategy**

- **2 x 1500-word reflective case reports (60%)**  
On a topic related to the relevant study units, students are required to reflect on their own practice, using evidence-based veterinary medicine to inform their reflection. Reflective case reports are written following the format of published case reports in the veterinary literature. The case report component of the assessment must be passed for successful completion of the module, and is non-compensatory with other assessments, however there is compensation between case reports. Case reports are also submitted to a discussion board for critique and discussion by/with peers. A proportion of marks for this assessment are also allocated to this discussion element.
- **1 x 1-hour open book examination (30%)**  
Based around clinical scenarios/cases, relevant to the module study units.
- **1 x written journal critique (not more than 500 words) and group discussion (10%)**  
Hosted by a staff member online synchronously using MS Teams. 2-4 students critique the same paper, and then discuss their critiques and any variations with the group, and the tutor and the students then hold a discussion of all papers. These are assessed on the submitted critique as well as the discussion.
- **1 x case log – 10 cases (pass/fail)**  
The case log assessment is designed to assist the candidate in developing a solid foundation for everyday equine practice and demonstrate the necessary knowledge and skill base in the clinical setting.

Assessments are submitted sequentially with feedback being given between assessments to aid in the development of writing skills.

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.