

Reference Number	C-E.3
Module Title	Equine General Medicine
Category and Value	C – 10 credits
Study Hours	100

Introduction

This module will cover disease and disorders involving the hepatobiliary, urinary, haematopoietic, haemolymphatic, endocrine and integumentary systems using a problem orientated approach. It is aimed at practicing equine veterinarians.

This module is one of four C-modules covering Equine Medicine, which can be used towards a designated Certificate in Advanced Veterinary Practice (Equine Medicine). Candidates are advised to consult the list of available modules for the complete set of options. Upon completion of all the necessary modules, a further synoptic assessment will also be required to achieve a designated certificate.

It is recommended that candidates 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

The aims of this module are to increase your depth of knowledge of disease and disorders involving the hepatobiliary, urinary, haematopoietic, haemolymphatic, endocrine and integumentary systems using a problem orientated approach.

Learning Outcomes

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

1. in-depth understanding of the anatomical, physiological, immunological and pathological processes involved in diseases of the hepatobiliary, urinary, haematopoietic, haemolymphatic, endocrine and integumentary systems;
2. application of the processes involved in of diseases of the hepatobiliary, urinary, haematopoietic, haemolymphatic, endocrine and integumentary systems in the synthesis of appropriate protocols for diagnosis, treatment and control disease affecting these systems;
3. clinical reasoning skills and the use of evidence-based medicine in the decision-making process of diagnostic approach and management of diseases of the hepatobiliary, urinary, haematopoietic, haemolymphatic, endocrine and integumentary systems;

4. competence in application of a problem-orientated approach in horses of all age groups presenting with liver failure, hepatic encephalopathy, jaundice, dysuria, urinary incontinence, discoloured urine, polydipsia/polyuria, anaemia, thrombocytopenia, purpura, vasculitis, lymphangitis, immunodeficiency states and skin lesions;
5. the ability to critically appraise literature relevant to the hepatobiliary, urinary, haematopoietic, haemolymphatic, endocrine and integumentary systems and discuss how the literature can be used to inform practice;
6. the ability to critically review and reflect on your clinical work, including identifying potential clinical audit points translating to new protocols or measurable outcomes;
7. the ability to independently research and critically review the literature to provide evidence to support current or revised protocols for diagnosis or management of diseases affecting the hepatobiliary, urinary, haematopoietic, haemolymphatic, endocrine and integumentary systems.

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

Module Content

Hepatobiliary System

- Diagnosis and management of liver disorders
- Liver biopsy

Urinary System

- Clinical problems involving the urinary tract including:
 - PD/PU
 - Discoloured urine
 - Dysuria

Haematopoietic System

- Fundamentals of haematopoiesis
- Disorders of blood cells.
- Lymphoma and basics of oncology
- Cellulitis

Endocrine System

- Diagnosis and management of PPID and EMS

Dermatology

- Clinical problems involving the integument

Assessment Strategy

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