

## C-SAM.6 Feline Medicine (C)

**Credits:** 10 (100 hours)

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

### RCVS Content Covered

The following outlines the modular content as set out by the RCVS.

#### 1 ENDOCRINE AND METABOLIC DISORDERS

- Clinical evaluation of the endocrine system
- Principles and applications of diagnostic aids (laboratory testing, radiology, ultrasonography, scintigraphy, CT, MRI)
- Diagnosis and management of the common disorders including common endocrine emergencies
- Metabolic skeletal disease

#### 2 NEUROLOGICAL DISORDERS, INCLUDING NEUROMUSCULAR DISEASE

- Appreciation of neuroanatomy sufficient for the localisation of lesions
- Clinical evaluation of the nervous system
- Principles and applications of diagnostic aids (radiology, CSF sampling, MRI)
- The value of electrodiagnostic testing (EMG, BAER, EEG)
- Diagnosis and management of the common disorders

#### 3 OPHTHALMOLOGICAL AND DERMATOLOGIC DISORDERS

- Clinical evaluation of the skin and eye
- Recognition of the ocular manifestations of systemic disease
- Recognition of the dermatologic manifestations of systemic disease

#### 4 INTRODUCTION TO ONCOLOGY

- Principles of tumourogenesis
- Basic principles of chemotherapy
- Instituting and managing common chemotherapy protocols  
Management of lymphoma

#### 5 INFECTIOUS DISEASES

- Principles of disease control
- Diagnostic and management of the common infectious diseases
- Viral infection – including retroviruses, pox, feline infectious peritonitis, feline parvovirus, feline herpes, feline calicivirus and rabies
- Bacterial infection – including *Bartonella henselae*, *Mycoplasma* and *Mycobacteria*, MRSA

- Endoparasite infections – nematodes, cestodes, protozoans
- Other diseases – including Chlamydia, haemobartonella, giardia, and toxoplasmosis
- Zoonotic diseases
- Imported diseases

## Aim of the Module

This module aims to develop expertise in clinical decision making and reasoning skills required by advanced veterinary practitioners in the field feline endocrine, neurological, ophthalmological and dermatological disorders, infectious disease and feline oncology and facilitate reflection of their own standards of practice and strategies for continuous improvement in the future.

## Learning Outcomes

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

1. demonstrate a systematic understanding of clinical disease syndromes affecting the endocrine, metabolic, neurological and neuromuscular systems of the cat and demonstrate a thorough and logical diagnostic approach to their investigation and treatment;
2. demonstrate a systematic understanding of the dermatological and ophthalmological manifestations of systemic disease of the cat;
3. demonstrate a systematic understanding of neoplastic diseases of the cat and apply this knowledge in the thorough and logical approach to investigation and treatment of clinical cases;
4. demonstrate a systematic understanding of the principles of disease control for infectious diseases of the cat;
5. critically evaluate the literature relevant to the topics covered and discuss how the literature can be used to inform practice;
6. demonstrate the ability for critical reflection on their clinical work, including identifying potential clinical audit points translating to new protocols or measurable outcomes;
7. demonstrate the ability to recognise the appropriate case for onward referral.

## Module Structure

The module will be divided into 5 study units:

**Study Unit 1:** Endocrine and metabolic disorders. This study unit will cover the evaluation of the endocrine system, the diagnosis and management of the common endocrine disorders of cats, including endocrine emergencies, and feline metabolic and immune mediated skeletal disease.

**Study Unit 2:** Infectious diseases. This study unit will cover the principles of disease control and the diagnosis and management of common viral, bacterial, endoparasitic, zoonotic, exotic and other infectious diseases in cats.

**Study Unit 3:** Neurological disorders. This study unit will cover neuroanatomy and the evaluation of the nervous system, and the diagnosis and management of common neurological disorders of the cat.

**Study Unit 4:** Ophthalmological and dermatologic disorders. This study unit will cover the clinical evaluation of the skin and eye, and the recognition and management of ocular and dermatological manifestations of systemic disease.

**Study Unit 5:** Oncology. This study unit will cover the principles of tumourogenesis and chemotherapy and the management of lymphoma in cats.

### **Assessment Strategy**

Portfolio of cases (20 case log book), 3 x reflective case reports (1500 words), 1 x short answer question and/or MCQ test 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.