C-SAM.6 Feline Medicine (C)

Credits: 10 (100 hours)
Provider: Veterinary Postgraduate Unit – School 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)
- Diagnosis and management of the common disorders including common endocrine emergencies
- Metabolic and immune mediated skeletal disease

2 HAEMOPOIETIC DISORDERS
- Clinical evaluation of the haemopoietic and immune systems
- Principles and applications of diagnostic aids (bone marrow biopsy, clotting tests, immunological testing)
- Diagnosis and management of the common disorders (excluding haemopoietic neoplasms and infectious diseases)

3 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

4 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

5 INTRODUCTION TO ONCOLOGY
- Principles of tumourogenesis
- Basic principles of chemotherapy
- Instituting and managing common chemotherapy protocols
- Management of lymphoma
6 CLINICAL NUTRITION

- Basic principles involved in delivering a balanced diet, life stage and life style nutrition.
- The role of diet in disease
- Principles and applications of dietary management including enteral nutrition techniques

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, haemopoetic, neurological, ophthalmological and dermatological disorders and feline clinical nutrition and 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 haematopoietic, 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 an in depth understanding of the principles and application of clinical nutrition, including the normal dietary requirements at various stages of development, alterations in dietary requirements in the diseased state and dietary management including enteral techniques;
5. critically evaluate the literature relevant to the topics covered and discuss how the literature can be used to inform practice;
6. demonstrating the ability for critical reflection on their clinical work, including identifying potential clinical audit points translating to new protocols or measureable outcomes;
7. demonstrate the ability to recognise the appropriate case for onward referral.

Module Structure

The module will be divided into 6 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**: Haemopoietic. This study unit will cover the evaluation of haemopoietic and immune systems and the diagnosis and management of the common haemopoietic disorders of 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.

Study Unit 6: Clinical nutrition. This study unit will cover the principles of clinical nutrition, including life stage and life-style nutrition, the role of diet in disease and dietary management in the cat.

Assessment Strategy

Portfolio of cases (20 case log book), 3 x detailed case reports (1500 words), 1 x short answer question and/or MCQ test at the end of the module and 1 x journal critique/journal club presentation (pass/fail)