

RCVS CertAVP Module Template

Reference Number	C-SAM.10
Module Title	Small Animal Medicine C- neuromuscular, ophthalmologic and dermatological disorders affecting dogs and cats. Diagnosis and management of neoplastic and infectious disease.
Category and Value	C – 10 credits
Study Hours	100

Introduction

This module is focused on small animal medicine, in particular on the neurology, dermatological and ophthalmological manifestations of systemic disease, oncology and infectious diseases in dogs and cats.

This module is aimed at candidates interested in enhancing their knowledge and understanding of these topics within small animal medicine and is a compulsory module for candidates wishing to obtain a Certificate in Advanced Veterinary Practice (Small Animal Medicine).

For a designated Certificate in Advanced Veterinary Practice (Small Animal Medicine) you must complete this module, Small Animal Medicine modules 8 and 9, a fourth 10 credit module and an RCVS synoptic assessment.

Aims

1. To develop knowledge and understanding of disorders of the neurological system and the dermatological and ophthalmological manifestations of systemic disease in dogs and cats;
2. To increase the candidate's depth of knowledge and understanding of infectious disease management and the principles of oncology as they apply to small animal practice.

Learning Outcomes

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

1. Recall the pathophysiology of conditions of the neurological and neuromuscular systems and demonstrate a rational approach to the diagnostic evaluation and treatment of clinical cases;
2. Recognise dermatological and ophthalmological manifestations of systemic disease and demonstrate a rational approach to the diagnostic evaluation and treatment of clinical cases;
3. Demonstrate a sound knowledge of common infectious diseases of the dog and cat, including their investigation and treatment;
4. Apply a sound understanding of the principles of oncology to the diagnosis and management of neoplastic conditions in the dog and cat;
5. Apply clinical reasoning skills and evidence-based medicine in the diagnostic approach and management of diseases relevant to the topics covered;

6. Critically appraise the literature relevant to clinical cases in the topics covered and indicate how the literature has or will be used to inform their clinical practice;
7. Critically reflect on their diagnosis and management of cases and outline the impact this process has had on their clinical practice.

Learning outcomes for this module are consistent with assessment at level 7 in the National Qualification Framework and reflect that this is a 10 credit (100 hour) module.

Module Content

1. 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

2. Ophthalmological and dermatologic disorders relevant to systemic illness only

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

3. Introduction to oncology

- Principles of tumourigenesis
- Principles of tumour diagnosis and staging
- Principles of chemotherapy
- Instituting and managing common chemotherapy protocols
- Potential indications for other cancer treatments (radiotherapy, immunotherapy, surgery)

4. Infectious disease

- Diagnosis and management of the common infectious diseases affecting dogs and cats including prophylaxis and eradication schemes, zoonotic diseases and imported diseases

Assessment Strategy

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