

RCVS CertAVP Module Template

Reference Number	C-SAM.8
Module Title	Small Animal Medicine A – cardiovascular, respiratory, haematopoietic and endocrine disorders affecting dogs and cats
Category and Value	C – 10 credits
Study Hours	100

Introduction

This module is focused on small animal medicine, in particular on the cardiovascular, respiratory, haematopoietic and endocrine system of 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 9 and 10, a fourth 10 credit module and an RCVS synoptic assessment.

Aims

To enhance the depth and breadth of your knowledge and understanding of disorders of the cardiovascular, respiratory, haematopoietic and endocrine systems affecting dogs and cats, including pathophysiology, clinical signs, diagnostic approach, rational therapy and case follow-up.

Learning Outcomes

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

1. Recall the pathophysiology of clinical disease syndromes, and demonstrate a rational approach to diagnostic evaluation and treatment of clinical cases with diseases affecting the cardiovascular, haematopoietic, endocrine and respiratory systems of the dog and cat;
2. Apply clinical reasoning skills and evidence-based medicine in the diagnostic approach and management of diseases relevant to the topics covered;
3. 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;
4. 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. Cardiovascular disorders

- Clinical evaluation of the cardiovascular system
- Principles and applications of diagnostic aids (ECG, radiology, ultrasonography, cardiac biomarkers)
- Diagnosis of congenital and acquired heart disease
- Management of congenital disease, cardiac failure and the more common arrhythmias

2. Respiratory disorders

- Clinical evaluation of the respiratory system
- Principles and applications of diagnostic aids (radiology, bronchoscopy, rhinoscopy, BAL, advanced imaging such as CT/MRI)
- Diagnosis and management of common respiratory disorders

3. Haematopoietic disorders

- Clinical evaluation of the haematopoietic and immune systems
- Principles and applications of diagnostic aids (bone marrow biopsy, clotting tests, immunological testing)
- Diagnosis and management of the common disorders

4. Endocrine disorders

- Clinical evaluation of the endocrine system
- Principles and applications of diagnostic aids (laboratory testing, radiology, ultrasonography, advanced imaging such as CT/MRI) applicable to endocrine disease
- Diagnosis and management of the common disorders of the endocrine system
- Diagnosis and management of metabolic disorders of the skeletal system

Assessment Strategy

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