

## C-Small Animal

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<b>REF. NO.</b>	<b>C –SAM.1</b>
<b>TITLE:</b>	<b>SMALL ANIMAL MEDICINE CANINE MODULE 1</b>
<b>CATEGORY AND VALUE:</b>	<b>C - 10 CREDITS</b>
<b>NOTIONAL STUDY HOURS:</b>	<b>100</b>

Completion of this module is necessary, along with the C-Small Animal Medicine modules 2 and 3, for candidates aiming to achieve the Certificate in Advanced Veterinary Practice (Small Animal Medicine - Canine). Candidates aiming to achieve the Certificate in Advanced Veterinary Practice (Small Animal Practice) will need to complete three C modules from the selection of small animal modules. For example, these might include modules in Small Animal Medicine, Small Animal Surgery, Dermatology, Cardiology, Veterinary Diagnostic Imaging, Veterinary Anaesthesia, Emergency Critical Care etc.

Candidates are advised to consult the modular combinations list for the complete set of options.

### Learning Outcomes

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

- Demonstrate a systematic understanding of the clinical disease syndromes affecting the cardiovascular, respiratory and haematopoietic systems of the dog and demonstrate a thorough and logical diagnostic approach to their investigation and treatment;
- Critically evaluate the use of the major drug groups demonstrating a comprehensive understanding of their pharmacology, applicability to the various body systems, and the legal and ethical aspects of drug use, including the cascade;
- Demonstrate the ability to communicate with owners in such a way as to achieve optimum results in their practice circumstances in relation to canine medicine cases;
- Critically evaluate the literature relevant to the topics covered and discuss how the literature can be used to inform practice;
- Demonstrate the ability for critical reflection on their clinical work, including identifying potential clinical audit points translating to new protocols or measurable outcomes;
- Demonstrate the ability to recognise the appropriate case for onward referral.

### Assessment strategy for this module

This module may be assessed by the following methods:

A **journal critique or journal club presentation** that provides critical commentary on **one article** in a refereed scientific publication relevant to the module syllabus.

A **case book** of three cases, each of up to 1,500 words in length. These cases should be selected to demonstrate the candidate's ability to use the competences that have been acquired to cope with a challenging situation, rather than necessarily using classic "textbook cases" of particular conditions. The cases should be selected to cover different aspects of the module syllabus.

A **case log or portfolio of cases** (of up to 25 cases) related to the module subject matter that demonstrates that the candidate has dealt competently with a range of commonly presented conditions or situations from the area of practice in which they are working.

A **short-answer or multiple choice quiz** taken at the end of the module.

A **reflective essay** of about 800 words, completed at the end of the module, reflecting upon how the course of study has resulted in a more competent practitioner.

**Cases should be recent**, with "recent" indicating cases seen preferably within the period of registration on the module. Where this is not possible, i.e. due to late registration, cases seen within the last 2 years will be acceptable.

### Module Content

#### 1 Cardiovascular Disorder

- Clinical evaluation of the cardiovascular system
- Principles and applications of diagnostic aids (echocardiography, radiology, ultrasonography, blood pressure measurement, cardiac blood tests)
- Diagnosis of congenital and acquired heart disease
- Management of congenital disease, cardiac failure and the more common arrhythmias
- Investigation and management of hypertension and hypotension

#### 2 Respiratory Disorders

- Clinical evaluation of the respiratory system
- Principles and applications of diagnostic aids (radiology, CT, endoscopy)
- Diagnosis and management of the common disorders

#### 3 Haemopoietic Disorders

- Clinical evaluation of the haemopoietic and immune systems
- Principles and applications of diagnostic aids (bone marrow biopsy, clotting tests, immunological testing)

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- Diagnosis and management of the common disorders

While infectious diseases are a core part of the syllabus of C-SAM.3, the candidate may refer to infectious diseases related to the cardiovascular, respiratory and haemopoietic body systems in their cases.