

REF. NO.	SAM.8
TITLE:	SMALL ANIMAL MEDICINE A – CARDIOVASCULAR, RESPIRATORY, HAEMATOPOIETIC AND ENDOCRINE DISORDERS AFFECTING DOGS AND CATS
CATEGORY AND VALUE:	C - 10 CREDITS
NOTIONAL STUDY HOURS:	100

Completion of this module is necessary, along with the Small Animal Medicine modules 9 and 10, for candidates aiming to achieve the Certificate in Advanced Veterinary Practice (Small Animal Medicine). 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 document for the complete set of options).

LEARNING OUTCOMES

1. To enhance the depth and breadth of the candidate's knowledge and understanding of disorders of the cardiovascular, respiratory, haematopoietic and endocrine systems affecting dogs and cats including pathophysiology, clinical signs, diagnostic approach and rational therapy

ASSESSMENT STRATEGY FOR THIS MODULE

1. Case log of 50 cases involving problems of the cardiorespiratory, haematopoietic and endocrine systems and metabolic skeletal disorders to assess the range of experience of the candidate and encourage reflection on cases observed.
2. A total of 4 written case reports of approximately 1500 words each (on each of the topic/body system areas identified in the syllabus) that will assess the candidate's experience and problem solving skills in the work place
3. 1 hour written examination (short answers +/- EMQ) to assess the breadth and depth of the candidate's knowledge base
4. 30 minute viva based on the candidate's submitted case reports

MODULE CONTENT

1 Cardiovascular disorders

- Clinical evaluation of the cardiovascular system
- Principles and applications of diagnostic aids (ECG, radiology, ultrasonography)
- 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)
- Diagnosis and management of the common 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 and metabolic 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