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| <b>REF. NO.</b>              | <b>SAM.10</b>  |
| <b>TITLE:</b>                | <b>SMALL ANIMAL MEDICINE C- NEUROMUSCULAR, OPTHALMOLOGIC AND DERMATOLOGICAL DISORDERS AFFECTING DOGS AND CATS. DIAGNOSIS AND MANAGEMENT OF NEOPLASTIC AND INFECTIOUS DISEASE</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 8 and 9, 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 neurological (including neuromuscular) system affecting dogs and cats including pathophysiology, clinical signs, diagnostic approach and rational therapy
2. To develop knowledge and understanding of the dermatological and ophthalmological manifestations of systemic disease
3. To increase the candidate's knowledge and understanding of the principles of oncology as it applies to small animal practice
4. To increase the candidate's knowledge and understanding of infectious diseases affecting dogs and cats

#### ASSESSMENT STRATEGY FOR THIS MODULE

1. Case log of 50 cases involving problems of the neurological or neuromuscular system, ophthalmological or dermatological manifestations of systemic disease, infectious disease or oncology cases, 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 topics/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 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**

- 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 tumourogenesis
- Basic principles of diagnosis and staging
- Basic principles of chemotherapy
- Instituting and managing common chemotherapy protocols

### **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