

RCVS CertAVP Module Template

Reference Number	C-SAM.9
Module Title	Small Animal Medicine B – gastrointestinal and urogenital disorders affecting dogs and cats. Principles of clinical nutrition and critical care.
Category and Value	C – 10 credits
Study Hours	100

Introduction

This module is focused on small animal medicine, in particular on the urogenital and gastrointestinal systems of dogs and cats, the principles of clinical nutrition and of critical care.

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 10, a fourth 10 credit module and an RCVS synoptic assessment.

Aims

- To enhance the depth and breadth of the candidate's knowledge and understanding of disorders of the gastrointestinal and urogenital systems of cats and dogs, including pathophysiology, clinical signs, diagnostic approach, rational therapy and case follow-up.
- To increase the candidate's knowledge and understanding of essential emergency and critical care issues encountered in general practice including small animal poisonings.
- To increase the candidate's knowledge and understanding of canine and feline clinical nutrition.

Learning Outcomes

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

1. Recall the pathophysiology of conditions of the gastrointestinal and urogenital systems and demonstrate a rational approach the diagnostic evaluation and treatment of clinical cases;
2. Demonstrate an understanding of the principles of clinical nutrition, including alterations in dietary requirements in the diseased state and dietary management;
3. Apply the principles of critical care to general practice, including fluid therapy, respiratory support and intensive care monitoring;
4. Apply clinical reasoning skills and evidence-based medicine in the diagnostic approach and management of diseases relevant to the topics covered;
5. 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;

6. 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. Gastrointestinal disorders

- Clinical evaluation of the gastrointestinal system, including the liver and pancreas
- Principles and applications of diagnostic aids (laboratory tests, radiology, endoscopy, ultrasonography, biopsy)
- Diagnosis and management of common disorders of the GI tract, including liver and pancreatic disease

2. Urogenital disorders

- Clinical evaluation of the urinary and genital systems
- Principles and applications of diagnostic aids (laboratory testing, radiology, ultrasonography, endoscopy, CT, contrast studies)
- Diagnosis and management of the common disorders of the urogenital tract
- Diagnosis and management of the common infectious diseases affecting primarily the urogenital tract

3. Critical care

- Principles and techniques applicable in general practice, including fluid therapy, basic respiratory support and point-of-care ultrasound (POCUS)
- Diagnosis and management of the common small animal poisons

4. Clinical nutrition

- Basic principles involved in delivering a balanced diet, life stage and lifestyle nutrition
- The role of diet in disease
- Principles and applications of dietary management including enteral nutrition techniques

Assessment Strategy

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