

## C-CAM.3 Advanced Clinical Camelid Practice (B)

**Credits:** 10 (100 hours)

**Provider:** Veterinary Postgraduate Unit – Institute of Veterinary Science

### RCVS Content Covered

The following outlines the modular content as set out by the RCVS.

The scope of the module subject matter is described by, but not limited to the following aspects of advanced camelid practice:

#### 1. Neurological system

- Conditions of the new-born.
- Infectious neurological diseases commonly seen in practice.
- Non-infectious neurological diseases commonly seen in practice.
- Eye conditions including, cataracts, corneal ulceration, entropion, non-pigmented iris.

#### 2. Metabolic diseases

- Hypocalcaemia
- Hypomagnesmia
- Hyperlipaemia/keto-acidosis

#### 3. Urogenital system

- Diseases associated with the male camelid commonly seen in practice
- Castration.
- Diseases associated with the female camelid commonly seen in practice.
- Caesarean section.
- Failure of passive transfer (Including collection and giving of plasma).
- Reproductive ultrasonography.

### Aim of the Module

The aim of this module is to develop a systematic and reasoned approach to the medical and surgical management of conditions of the neurological system, metabolic disease and the urogenital system of camelids.

### Learning Outcomes

By the end of this module candidates should be able to:

1. demonstrate in-depth understanding of the aetiology and pathophysiology of metabolic and neonatal diseases and conditions affecting the neurological and

- urogenital systems of the camelid and apply this knowledge in the evaluation and management of these conditions;
2. appraise critically the literature relevant to clinical cases in the topics covered and discuss how the literature can be used to inform practice and provide guidance for the truly unusual case;
  3. demonstrate the ability for critical reflection on their clinical work, including identifying potential clinical audit points translating to new protocols or measureable outcomes;
  4. recognise when a case is beyond their personal or practice capabilities, and provide an effective channel of referral.

## Module Structure

This module will be split into 4 Study Units:

### 1. Neurological system and ophthalmology

- Infectious and non-infectious neurological diseases commonly seen in practice.
- Medical and surgical conditions affecting the eye

### 2. Metabolic disorders

- Vitamin and mineral deficiencies
- Disorders of carbohydrate and lipid metabolism

### 3. Urinary system

- Infectious and non-infectious diseases affecting the urinary systems

### 4. Male and Female Reproductive Tract and Neonatology

- Conditions of the neonate including congenital and hereditary conditions and failure of passive transfer and its consequences
- Normal male reproductive function, and castration
- Normal female reproductive function, and reproductive ultrasonography
- Causes of infertility in camelids commonly seen in practice
- Management of dystocia.

## Assessment Strategy

3 x reflective case reports/essays (1500 words), 1 x short answer question and/or MCQ test and 1 x journal critique/journal club presentation (pass/fail)

PLEASE NOTE: It is your responsibility to ensure that you have access to sufficient appropriate cases where you were the primary decision maker to produce adequate material for the module. This may not be possible with some internship positions. You must also be aware of any limitations of your facilities that may make the accumulation of appropriate cases difficult or impossible.