

C-CAM.1 Advanced General Camelid Practice

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 general camelid practice:

1. Welfare and management

- Structure of the UK and International camelid industry.
- Theories of feeding and nutrition, housing, bedding, ventilation and pasture management.
- Handling and physical restraint.
- Routine management tasks such as vaccination, worming, foot care, shearing and assessment of fibre quality, dental care, ageing, identification and colour recognition.
- Advising on welfare and management
- Pre-purchase and insurance examination and documentation.
- Herd health planning, including control strategies for infectious disease and application of epidemiological principles

2. Legal and regulatory matters

- The pharmaceutical cascade system
- Notifiable and zoonotic diseases
- Transport of Animals legislation
- Insurance

3. Emergency care and euthanasia

- Methods of euthanasia and legal aspects of carcase disposal
- Referral procedures
- Managing anaphylaxis
- Managing haemorrhage
- Bandaging, splinting and general first aid
- Poisoning (plants and inorganic poisons)
- Evaluating sudden death

4. Anaesthesia

- Sedation and analgesia
- General and regional anaesthesia

5. Diagnostics

- Selection of appropriate tests
- Record keeping
- Post mortem examination, (including sample collection, handling, storage and sample dispatch)
- Laboratory procedures, including examination of blood smears, skin samples, faecal egg counts

Aim of the Module

The aim of this module is to enable the candidate to develop comprehensive and systematic understanding of camelid practice, with the focus on welfare, management and population health, diagnostic procedures, physical and chemical restraint and emergency cases. The candidate will be able to critically evaluate their own standards of practice and develop strategies for continuous improvement in the future.

Learning Outcomes

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

1. demonstrate in-depth understanding of theories and principles of welfare, management and population health in camelid practice;
2. compare and contrast the legal and regulatory matters aspects of camelid versus production animal practice;
3. demonstrate a systematic understanding including the application of evidence based medicine and sound clinical reasoning processes of diagnostic procedures relevant to camelid medicine and surgery and demonstrate the ability for critical reflection on their clinical work;
4. demonstrate an in-depth knowledge of physical and chemical restraint techniques, including sedation, analgesia, general and regional anaesthesia;
5. systematically evaluate and manage emergency cases (including application of emergency procedures) in camelid practice, including cases of sudden death, poisoning and cases requiring euthanasia;
6. appraise critically the literature relevant to clinical cases in the topics covered and discuss how the literature can be used to inform practice.

Module Structure

This module will be split into 4 Study Units:

Study Unit 1 Welfare, management and population health

- Structure of the UK and International camelid industry.
- Theories of feeding and nutrition, housing, bedding, ventilation and pasture management.
- Handling and physical restraint.
- Routine management tasks such as vaccination, worming, foot care, shearing and assessment of fibre quality, dental care, ageing, identification and colour recognition.
- Advising on welfare and management
- Pre-purchase and insurance examination and documentation.

- Herd health planning, including control strategies for infectious disease and application of epidemiological principles
- Legal and regulatory matters aspects of camelid versus production animal practice

Study Unit 2 Clinical reasoning and diagnostic procedures

- Selection of appropriate tests
- Record keeping
- Post mortem examination, (including sample collection, handling, storage and sample dispatch)
- Laboratory procedures, including examination of blood smears, skin samples, faecal egg counts

Study Unit 3 Emergencies, sudden death and euthanasia

- Methods of euthanasia and legal aspects of carcase disposal
- Referral procedures
- Managing anaphylaxis
- Managing haemorrhage
- Bandaging, splinting and general first aid
- Poisoning (plants and inorganic poisons)
- Evaluating sudden death

Study Unit 4 Physical and chemical restraint

- Sedation and analgesia
- General and regional anaesthesia

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.