

Reference Number	C-S.1
Module Title	Diseases of Adult Sheep
Category and Value	C – 10 credits
Study Hours	100

Introduction

Candidates working towards the Certificate will need to complete the following modules: A-FAVP.1 Foundations in Advanced Veterinary Practice and B-PAP.2, preferably before undertaking this module. Completion of this module is necessary, along with the C-Sheep modules 2 and 3, for candidates aiming to achieve the Certificate in Advanced Veterinary Practice (Sheep Practice). Candidates aiming to achieve the Certificate in Advanced Veterinary Practice (Farm Animal Practice) will need to complete three C-modules from the selection of farm animal (cattle and sheep) modules, plus one other B or C module. Upon completion of all the necessary modules, a further synoptic assessment will also be required.

The focus of this module is specifically on diseases of adult sheep. The candidate is also expected to build on the foundation skills developed when undertaking the A and B modules, and to demonstrate progression towards advanced practitioner skills. The candidate will be able to evaluate their own standards of practice and develop strategies for continuous improvement in the future.

Aims

The aims of the module are to enable the candidate to extend and consolidate clinical knowledge and skills gained at undergraduate level, to promote a scientific, evidence-based approach to sheep health and production, and to develop both practical and theoretical skills in the field.

Learning Outcomes

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

1. Demonstrate a systematic understanding of the aetiology, diagnosis, management and control of the principal diseases of adult sheep in the UK;
2. Develop the skills and knowledge in order to apply diagnostic techniques appropriately as part of the overall investigation of clinical cases; together with an understanding of the limitations of techniques and economic implications;
3. Demonstrate a comprehensive understanding of the role of the veterinary surgeon in planned sheep health and production;
4. Demonstrate a systematic understanding of the basic principles of sheep husbandry and the relationships between management, breeding, genetics, nutrition, environment, behaviour, health, welfare, productivity, food quality and food safety;

5. Demonstrate the ability to systematically evaluate the husbandry and management of adult sheep and make sound judgements on the basis of health, welfare, productivity and the safety and quality of the food produced;
6. Demonstrate a comprehensive understanding of the legislation relating to sheep management and infectious diseases and how it relates to the health, management and welfare of sheep and food production in the UK;
7. Critically evaluate the literature in order that evidence-based medicine underpins their decision making processes.

Module Content

Aetiology, diagnosis, management and control of principal diseases of adult sheep affecting the following systems:

- Neurological System
- Respiratory system
- Cardiovascular system
- Digestive system
- Musculoskeletal system
- Skin (non-parasitic diseases)

Candidates will be expected to become familiar with the following categories of information for each system:

- Disease aetiology
- Clinical presentation
- Differential diagnosis
- Epidemiology and risk factors for disease
- Appropriate diagnostic techniques
- Appropriate medical and surgical therapy
- Appropriate anaesthesia and analgesia
- Prognosis and outcomes
- Animal welfare implications
- Economic implications
- Management and prevention of disease at the individual and flock level

Flock health management

- Structure and economics of the modern sheep industry.
- Opportunities and requirements for veterinary involvement.
- Veterinary flock health planning and disease prevention strategies
- Data recording systems.
- National and regional disease accreditation schemes
- Selection and management of replacement breeding stock, including basics of breeding and genetics.
- Sheep welfare, public health issues and notifiable diseases (including regulation).

Assessment Strategy

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