Completion of this module is necessary, along with the C-Sheep modules 1 and 2, for candidates aiming to achieve the Certificate in Advanced Veterinary Practice (Sheep Health and Production). Candidates aiming to achieve the Certificate in Advanced Veterinary Practice (Farm Animal Practice) will need to complete three C-modules from the selection of sheep and cattle modules.

**STANDARDS**

The aim of the module is to enable the candidate to extend and consolidate clinical knowledge and skills gained at undergraduate level, and to develop an in-depth understanding of the application of that knowledge in a practice environment in relation to sheep health and production.

**ASSESSMENT STRATEGY FOR THIS MODULE**

A learning diary, that documents in note form the candidate’s experiences over the period that the module is being completed, including critical commentaries upon at least some of the learning resources used, and describes the application of the learning process to five cases covering a wide range of subjects encountered in practice.

Critical review of one sheep publication in a refereed scientific publication relevant to module content (1,500-3,000 words)

Two Short Communication-type reports (1,500 words) relating to topics covered in the module

Demonstration of clinical skills – clinical examination of two cases (each 25 minutes) relating to topics covered in module. These practical examinations will be undertaken at the end of the module’s formal teaching.

Demonstration of laboratory/diagnostic skills – use and interpretation of laboratory–based techniques or ancillary aids such as radiography/ultrasonography relating to topics covered in the module. (five objective structured clinical examinations (OSCEs) each of five minutes).
MODULE CONTENT
At the end of the three modules, candidates should be able to:

- Explain the aetiology, pathology, diagnosis, differential diagnosis, treatment, prognosis and control of the major diseases of growing lambs in the UK with particular reference to trace element deficiency states.
- Discuss the importance of helminth control in the health and productivity of sheep enterprises.
- Demonstrate the role of the veterinary surgeon in planned flock health and fat lamb production.
- Assess and provide advice on the welfare of sheep ‘on-farms’, during transport and at slaughter.
- Advise on breed improvement and the control of genetic problems in farm animals.

UNDERPINNING KNOWLEDGE

Ectoparasites
- Understanding the biology of common ectoparasites including ticks, lice, mange mites and flies.
- Diagnosis, control and prevention of ectoparasitic diseases.
- The importance of ectoparasites as vectors of diseases.
- Diagnosis, control and prevention of the arthropod-borne diseases of sheep.

Endoparasites
- Understanding the biology of common ovine endoparasites (parasitic gastroenteritis; PGE) and their life cycles.
- Diagnosis, control and prevention of PGE.
- Development of anthelmintic-resistant strains.

Deficiency states
- Investigation and management of the common trace element deficiency states of sheep.

Locomotor system
- Investigation and management of common causes of lameness in sheep.
- Diagnosis, control and prevention of the common diseases affecting the locomotor system.
Eyes
  • Diagnosis, control and prevention of the common ophthalmic diseases of sheep.

Lambs
  • Investigation and management of common causes of poor lamb growth.
  • Diagnosis, control and prevention of the common diseases of lambs.