

Practical Bovine Reproductive Ultrasonography

At a glance...

Customised Provision

Delivery Method: Classroom and practical

Introduction

Theoretical and practical training in bovine reproductive ultrasonography

Overview in brief

Theoretical and practical training in bovine reproductive ultrasonography

The finer details

- Section 1: Bovine reproductive management & principles of bovine reproductive ultrasonography
- Section 2: Oestrus cycle and synchronisation programmes
- Section 3: Health & safety considerations, restraint & scanning techniques
- Section 4: Ovary & uterus
- Section 5: Pregnancy diagnosis & foetal ageing
- Section 6: Foetal sexing
- Section 7: Scanning instructional video
- Section 8: Questionnaire
- Section 9: Practical sessions

On completion of this course the trainee will be understand the basic principles of ultrasonography, will be familiar with the anatomy and physiology of the bovine reproductive tract, be aware of health and safety considerations, understand common oestrous synchronisation programmes, and using correct scanning technique will be able to identify common ovarian structures and confirm viable pregnancies down to a foetal age of 35 days.



They will also be familiar with, and begin the process of foetal ageing using gestational tables detailing crown to rump length, trunk diameter, head diameter and head length.

For more advanced students, there is an introduction to foetal ageing.



Who should attend?

Scanning Technicians

Veterinary Surgeons

What will be covered?

1. Know the goals of good reproductive management
2. Understand the principles of ultrasonography
3. Understand the basic anatomy and physiology of the bovine reproductive tract
4. Be aware of health and safety considerations
5. Learn good scanning technique and understand potential risks
6. Understand common oestrous detection aids and synchronisation programmes
7. Identify ovarian structures and abnormalities
8. Confirm viable pregnancies down to a foetal age of 35 days
8. Use gestational tables to practice foetal ageing
9. Understand and begin practicing foetal sexing

Other areas of interest

[Somatic Cell Count \(SCC\) Management & Selective Dry Cow Therapy \(SDCT\)](#)

[Calving Cow Management and Calving Techniques](#)

