

## Unit 12: Mastitis

### Teacher's notes

#### Introduction

Mastitis is one of the 3 main causes for culling cows. It is the inflammation of the teat canal and the udder.

This inflammation is usually caused by pathogens. In sheep there is usually a mechanical pre-disposing factor e.g.

- the older lamb butting and causing bruising of the udder
- the lamb's teeth scratching the surface of the teat.

This session deals with the main causes, prevention and treatment of mastitis.

#### Key words

- Mastitis
- Acute
- Sub-acute
- Chronic
- Clinical
- Sub-clinical
- Streptococcus agalactiae
- Streptococcus dysgalactiae
- Staphylococcus aureus
- Streptococcus uberis
- Escherichia coli
- Mannheimia haemolytica (formerly Pasteurella)
- Intramammary antibiotics
- Injectable antibiotics

#### Resources

- Factsheet
- Relevant websites. For individual conditions it is very important to view the websites
- Power point on mastitis.

#### Learning activities to generate evidence that learning has taken place

- Drag and drop.