

Unit 14

Pneumonia in Cattle and Sheep

Teacher's Notes

Introduction

It is important to realise that there is no one disease called 'pneumonia' and that pathogens in themselves do not cause pneumonia unless there are pre-disposing factors in the animal's environment.

The session will follow the six main groups of pathogens that affect farm animals. It will highlight the main causes in both cattle and sheep.

It will move on to the signs of pneumonia.

And finally it will look at the pre-disposing factors.

Prevention could be viewed as reducing the limiting factors.

Key Words

Pneumonia

Acute

Chronic

Viral

Mycoplasmal

Bacterial

Parasitic

Mycotic-fungal

Non-infective or mechanical

RSV- Respiratory Syncytial Virus

PI3 - parainfluenza virus

IBR - Infectious Bovine Tracheitis

BVD - Bovine Viral Diarrhoea

Coronavirus Pasteurella multocida and Pasteurella haemolytica

Actinomyces pyogenes

Parasitic bronchitis caused by lungworm or husk

Adenoviruses

MV - Maedi Visna

OPA- Ovine Pulmonary Adenocarcinoma (Known as Jaagsiekte).

Resources

- Factsheet
- Relevant Websites. For individual conditions it is very important to view the Websites
- Power Point on Pneumonia.

Learning Activities to generate evidence that learning has taken place

- Multiple Choice Quiz.