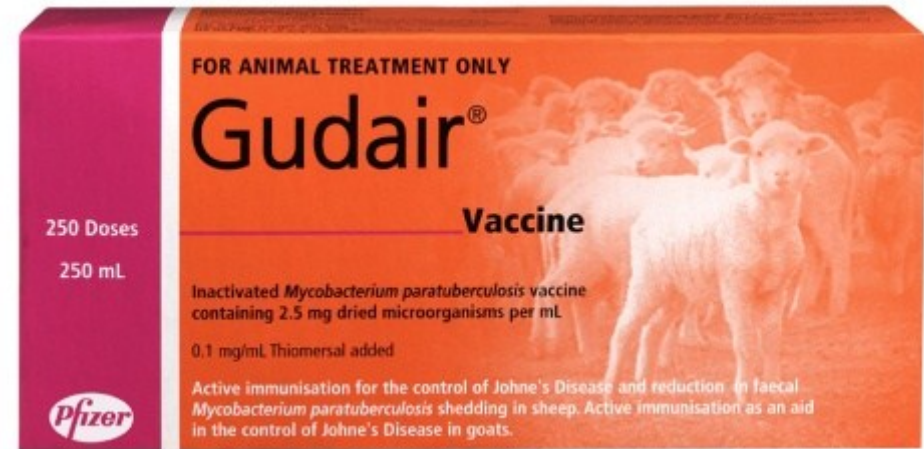


OJD and Gudair®

Matt Playford

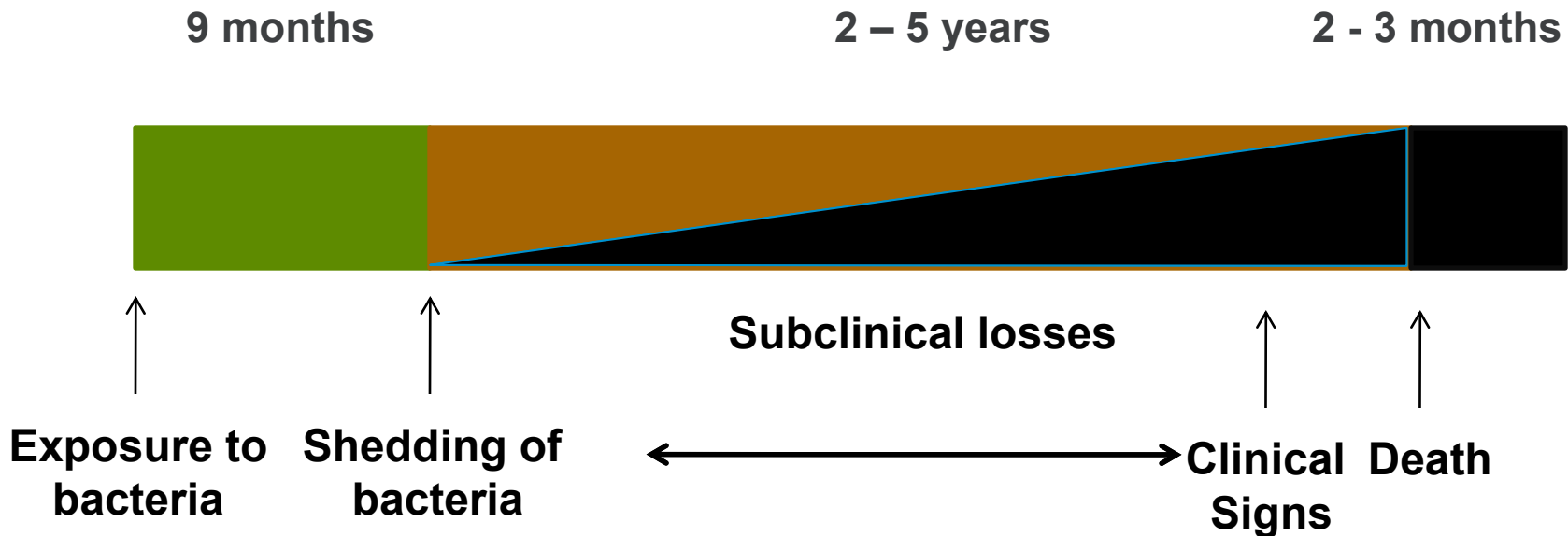


Ovine Johne's Disease

- Bacterial disease with no known cure
- *Mycobacterium avium* subsp. *paratuberculosis*
- Causes weight loss & death
- Spread by oral-faecal route
- Bacteria can survive in environment for up to 2 years
- Usually introduced by purchasing infected sheep
- Also spread by strays, water courses



Ovine Johne's Disease



Once clinical signs appear in sheep, the property has been infected for at least 2 years, and many more animals will have subclinical disease.

- Killed vaccine to control OJD
- Single 1 mL dose at 4-16 weeks to be “approved vaccinate”
- Decreases faecal shedding
- Delays onset of clinical disease
- Decreases and delays deaths



Benefits of Gudair®

- 90% effective at preventing mortalities and shedding
- Delays deaths and shedding
- Some vaccinated sheep can still shed bacteria
- Does *not* eradicate the disease from a property
- Does *not* prevent introduction of the disease
- Needs to be used as part of an OJD management plan
 - fencing, pasture management
 - precautions when trading sheep
- Needs to be used EARLY and CONTINUOUSLY

How to use Gudair[®]

- Inject under the skin, behind the ear
- Most sheep get nodules at or close to the site of injection that recede over a few months
- Sekurus vaccinating gun has a guarded needle with self-tenting device and locking action for one-handed use
- Restraint- lambs in cradle, sheep in handling device
- If Gudair enters human body (self-injection, scratch) medical attention is required

Features of the Gudair[®] vaccine

Protects against mortalities?	YES
Delays mortalities?	YES
Decreases number of sheep shedding bacteria?	YES
Delays shedding of bacteria?	YES
Causes subclinical disease?	NO
Positive pooled faecal culture (PFC) test?	NO
Positive abattoir 500 test?	NO
Positive blood test for export sheep?	YES