



Unit : Downer Cow Syndrome
Lesson : 2

Clinical Examination of Downers

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Parameters

- **Temperature**
- **Heart rate**
- **Colour of mucous membrane**



How to exam a Downer

- **Mental Status**
- **Temperature**
- **Heart Rate**
- **Mucous membrane**
- **Rumination**
- **Dung**
- **Urine**
- **Reflexes to stimuli (Pin prick.. Pain stimuli)**



How to exam a Downer

- **Feeding Habit**
- **Rumination**
- **Rumen consistency**
- **Dung/ urine voided or not**
- **Trying to get up or not**
- **Reflexes**



Reflexes

- **Pin Prick reflex**
- **Menace reflex**
- **Palpebral reflex**
- **Corneal reflex**



Udder Examination

- All quarter of Udder
- Teat examination
- Milk – colour and consistency



- **Palpation of hind quarters, Joints**
- **Symmetry of hind limbs**
- **Achilles tendon**
- **Rectal examination**



Posture

- Sternal
- Lateral – (**Bloat ?**)
- Knuckling of fetlock







Serum biochemical profile

- **Calcium**
- **Phosphorus**
- **Potassium**
- **Magnesium**
- **Creatinine kinase**
- **AST – Prognostic Indicator**



Thank you