



Unit : Downer Cow Syndrome

Lesson : 5

Downers of musculoskeletal and nervous disorders

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Hip Dislocation Outward Extension of Hind Limb





Stifle Dislocation: Outward Extension Of Hind Limb





Stifle Joint Injury

Lateral Deviation Of Left Hind Limb







Obturator Nerve Paralysis





Hind Limb Toe Extended Towards The Elbow





Obturator Nerve Paralysis

Both Hind Limbs Extended Outward And Unable To Abduct





Abduction Of Both Hind Limbs -obturator Nerve Paralysis





Gastrocnemius Muscle Rupture





Gastrocnemius Muscle Rupture Hock Resting On The Ground





Gastrocnemius Muscle Rupture





Sciatic Nerve Injury: Dropped Hock with Partial Knuckling of Fetlock





Sciatic Nerve With Peroneal Nerve Paralysis





Unable to bear weight on forelimb -radial nerve paralysis



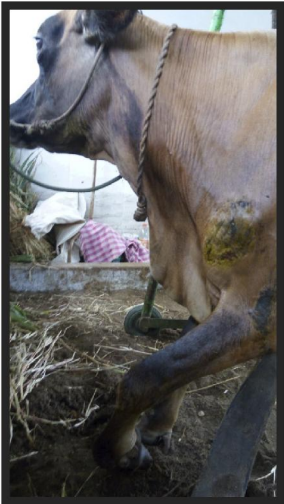


Radial Nerve paralysis





Radial Nerve Paralysis: Dropped Elbow with Dragging of Forelimb





Radial Nerve Paralysis: Extended Forelimb in Sternal Recumbency



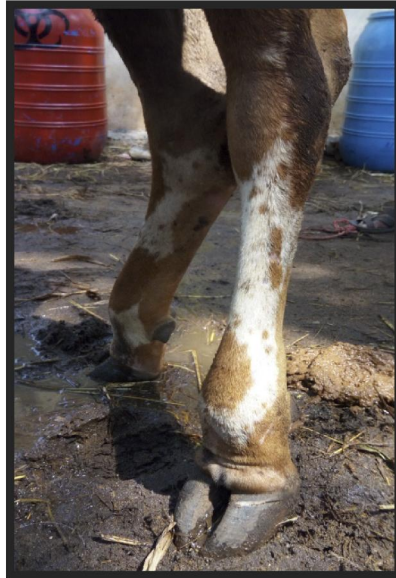
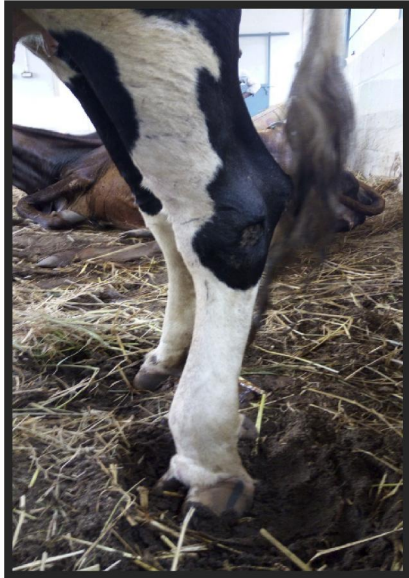


Tibial Nerve Injury





Tibial Nerve Injury





Peroneal Nerve Paralysis





Management

- **Sand pit floor or bedding**
- **Assisted lifting with slings**
- **Turn side by side every three hours**
- **Wound care**
- **Monitor udder daily for mastitis**
- **Fomentations**
- **Apply oil (Muruvu oil, Tmk oil)**



Treatment

- Calcium borogluconate
- Phosphorus supplementation oral or IV
- Electrolyte supplementation- **RL iv**
- Analgesics-NSAID, Steroids
- Vit E and Selenium im
- B1,B12,B6 im or **epidural**

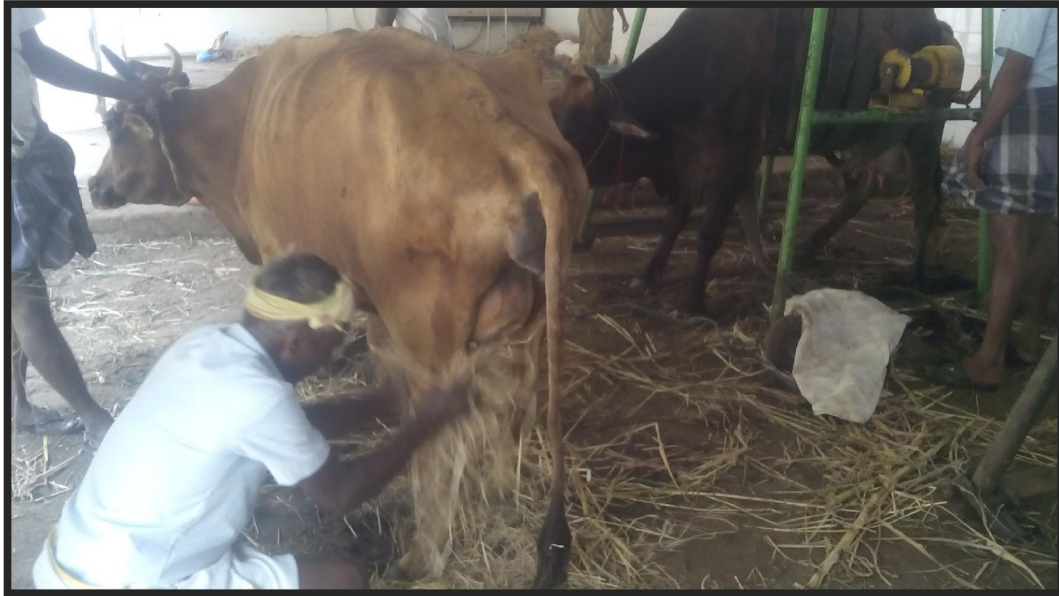


Manual lifting of recumbent animal



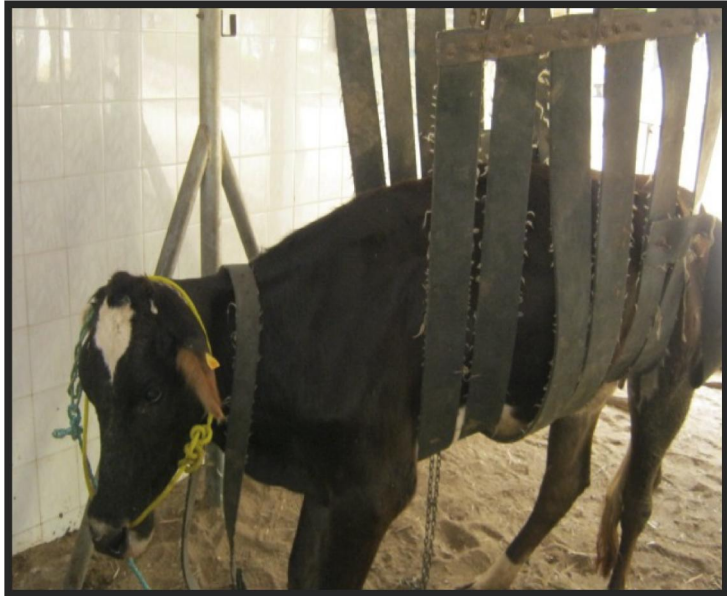


Physiotherapy management after lifting





Fixed sling





Movable sling





Thank you