

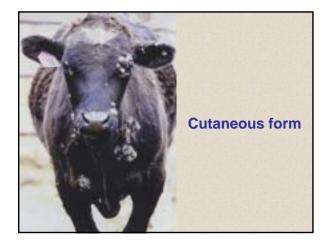
Papillomatosis-Warts

- Etiology: Papova group virus
- Clinical signs:
 - Characterized by single or multiple fibropapillomas of the skin, penis, vagina and esophagus.
 - Large pendulous warts may also be seen along brisket and sternum, and also teats, penis and in the bladder region.



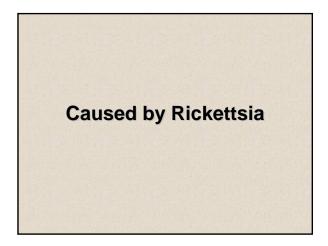








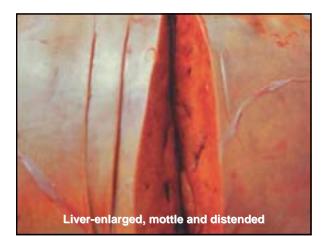




Anaplasmosis

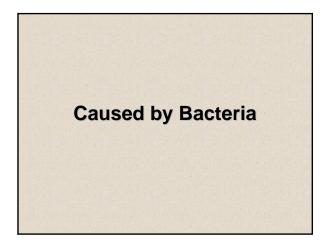
- Etiology: Anaplasma marginale (Intra-erythrocytic parasite)
- Clinical signs:
 - An acute blood cell infection characterized by fever, anemia, and icterus resulting in weight loss, medication costs, and death.











Actinobacillosis-Lumpy Jaw

- Etiology: Actinomyces bovis
- Clinical signs:
 - Characterized by chronic deforming osteomyelitis of the mandible or maxilla with a surrounding soft tissue reaction and discharging sinuses.





Mandible soft tissue swelling; Osteomyelitis

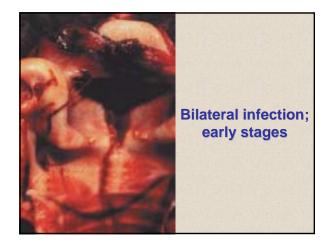
Diptheria (Hard Breather)

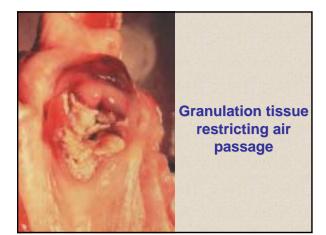
- Etiology: Fusobacterium necrophorum
- Clinical signs:
 - Characterized by dyspnea, and roaring breathing with foul odor.

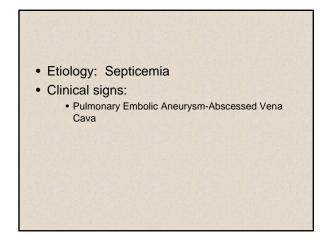






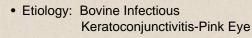






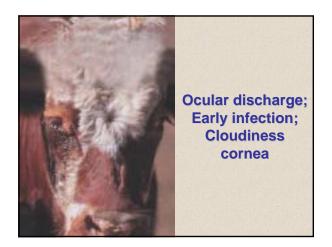


Abscess in distended vena cava



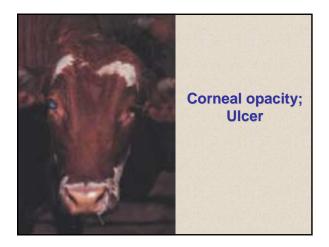
- · Clinical signs:
 - Early cloudiness, peripheral vascularization in cornea resulting in ocular discharge and drainage.
 - Advancing into corneal opacity and ulceration which may perforate through aqueous resulting in permanent damage to eye.











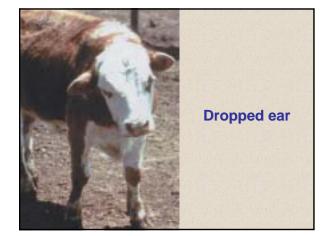


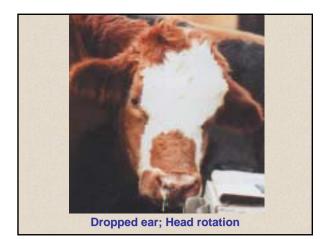
• Etiology:

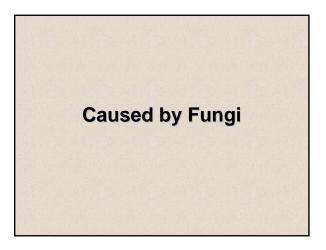
- Otitis Media-Droppy Ear Syndrome
- Causative agent may be sequela to BRDC such as:
 - » Pasteurella (Mannaheimia)
 - » Mycoplasma
 - » Corynebacterium progenes

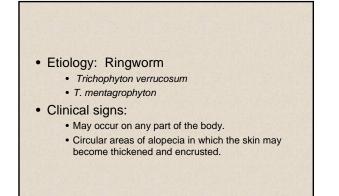
· Clinical signs:

- Slight head rotation with intermittent ear discharge.
- Infection may damage the tympanic membrane resulting in infection in the inner ear and exudate accumulation.
- In advanced cases the eye may become opaque and the animal lose eye vision.

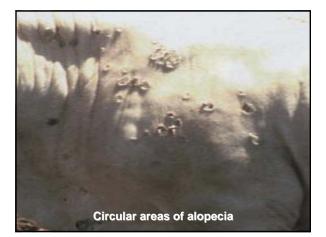




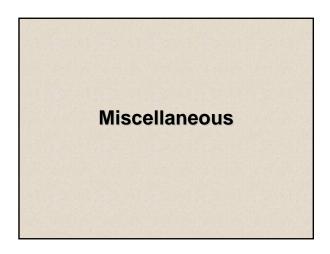










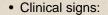


Hardware

• Etiology:

- Hardware

- Traumatic reticulitis; mechanical injury to the forestomach
- The foreign material perforates the wall of the reticulum (forestomach) causing localized or generalized peritonitis, hepatic abscessations or septic pericarditis.
- Congestive Heart Failure
 - Right side heart impairment failing to pump blood to the lungs.

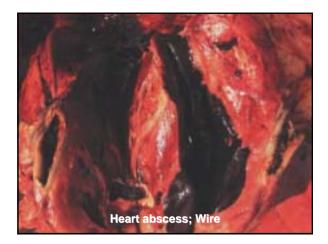


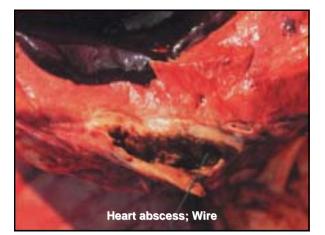
- Jugular (venous) distension.
- Submandibular, presternal (brisket) and ventral edema.
- Congested lung and liver
- Wire, etc in wall of the heart and or reticulum.

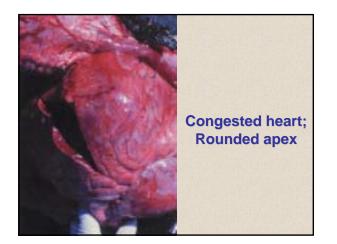


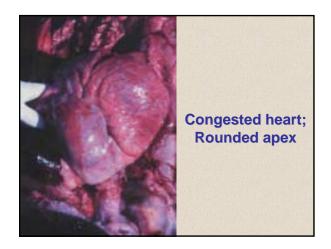


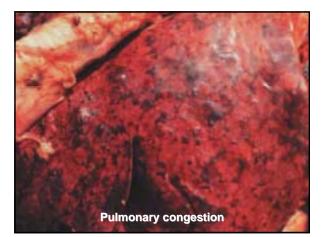


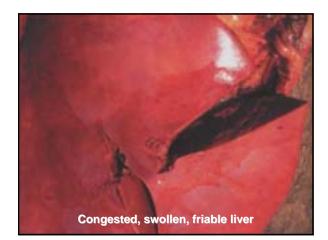












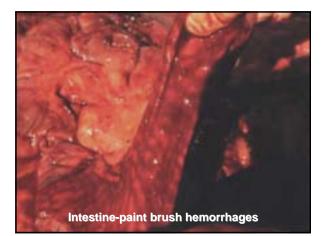
Organophosphate Toxicity

- Etiology: Organophosphate Poisoning
- Clinical signs:
 - Watery salvation, excessive bronchial secretions and rapid, difficult respiration.
 - Pupils constricted.
 - Necropsy will show pulmonary edema and paint brush hemorrhages of the intestinal mucosa.









Peritonitis

Etiology:

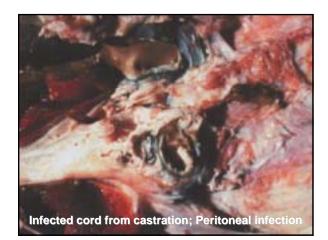
- Peritonitis; Various causes:
- 1. Castration (Banding)
- 2. Peritoneal injections
- 3. Blister Beetle-uncommon in cattle
- Clinical signs:
 - Abdominal pain and swelling resulting in death within 48 hours.
 - Necropsy: perforated abomasum ulcer resulting in severe peritonitis.
 - No rumen and or intestine involvement.





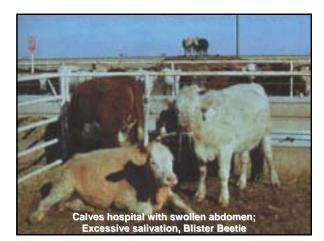
Infected cord from banding; Peritoneal infection















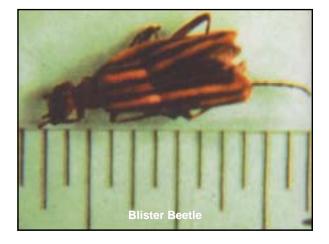












Urinary Calculi

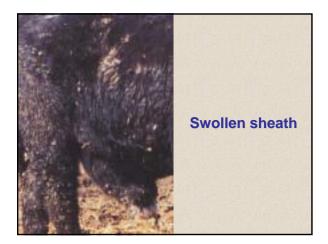
• Etiology:

- Urinary Calculi-Waterbelly; Urolithiasis
- Possible causes are reduced fluid intake, mineral balance, and high concentrate intake.
- Formation of microcalculi in kidneys then calculi obstruct the urethra, which can cause rupture and subcutaneous swelling, and/or bladder rupture thus resulting in swelling of abdomen due to urine and peritonitis.

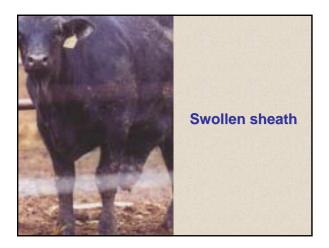
· Clinical signs:

- Constant straining attempting to urinate
- Calculi may be seen on sheath.









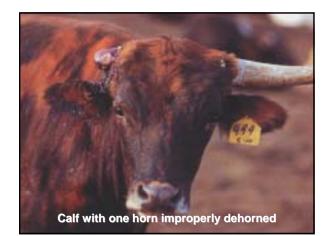


Horn Infection

• Etiology:

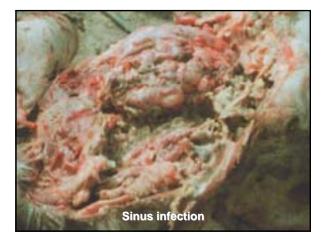
- Horn infection from improper dehorning or dehorning too large of horn.
- Clinical signs:
 Sinus drainage and foul odor.











Internal-Hepatic Abscessation-Liver Abscess Complex

· Etiology:

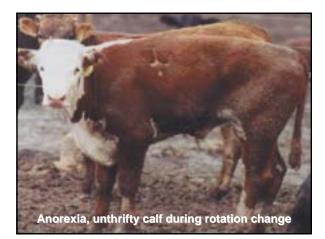
- Acute and/or chronic rumenitis sometime during feeding program.
- Acute rumenitis is primary whereas the hepatic infection is secondary.
- Causative agents are:
 - » Fusobacterium necrophorum
 - » Actinomyces

Internal-Hepatic Abscessation-Liver Abscess Complex

• Clinical signs:

- Unthriftiness, poor doers?
- Abdominal pain?
- Anorexia and weight loss
- Liver abscesses of different stages
- Rumen scaring
- · Possibility of posteria vena cava thrombosis







Acute Interstitial Pneumonia

- · Examples:
 - Atypical Interstitial Pneumonia (AIP)
 - Bovine Pulmonary Emphysema
 - Dust Pneumonia

• Etiology: Unknown

 Dust associated with several antigens, toxins in feedstuffs, Intoxication with 3-Methylindole, Chronic effects of acute bronchopneumonia, etc?

Acute Interstitial Pneumonia

• Clinical signs:

- Acute respiratory distress with drooling saliva.
- Open mouth breathing.
- Lungs edematous and emphysematous
- Interlobular emphysema



