

Examination of the Neonate



Sandia is a multiprogram laboratory operated by Sandia Corporation, a Lockheed Martin Company, for the United States Department of Energy's National Nuclear Security Administration under contract DE-AC04-94AL85000.

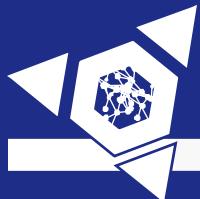
SAND # 2011-4001 C



Examination from Afar: Neonates

- **Information collected during an examination from a distance**
 - Mention
 - General body condition
 - Respiration
 - Abdominal shape
 - Gait
 - Joints
 - Umbilicus
 - Nursing
 - **Dam's udder**
 - Passage of feces and urine





Collecting a Meaningful History: Neonates

- **Historical information related to the evaluation of the neonate**

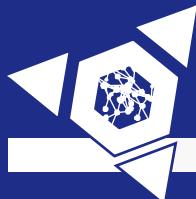
- Birthing difficulties
- Gestational age
- Nursing history
 - Ability to nurse
 - Swallowing
 - Dam dripping colostrum
- Navel care
- Meconium
- Lameness
- Maternal care
- Vaccination history of dam
- Previous treatments



- **Historical information related to the herd**

- Others affected
- History of abortions
- Similarity of signs
- Deaths associated with the illness
- New additions to the herd





Examination: the Neonate

- **Ocular exam**
 - Sclera, iris, anterior chamber
- **Mucous membranes**
 - Color, dryness
- **Cardiovascular system**
 - Hydration
- **Respiratory system**
 - Respiratory rate, rhythm, character
- **Gastrointestinal system**
 - Passage of meconium
 - Abdominal shape
- **Musculoskeletal system**
 - Joints
- **Nervous system**
 - Mentation
 - Swallowing
- **Genitourinary system**
 - Navel





Interpretation of Results: Neonates

- **Abnormal findings: the Neonate**



Ancillary Tests: Neonates

- **Hematology**
 - Measure total serum proteins
- **Microbiology**
 - Blood culture
 - Joint fluid
- **Radiography**
 - Joints
 - Lungs
- **Ultrasound**
 - Navel
 - Lungs