

Urinary Disease in Small Ruminants

Dr. Misty Edmondson reviews the most common causes of urinary tract disease in small ruminants.

Speaker Bio:

Dr. Edmondson is a native of Alabama where she grew up on a commercial cattle farm. She received a BS in microbiology from Auburn University in 1997 and DVM from Auburn University in 2001. She worked in a mixed animal practice in rural Alabama for 2 years before returning to Auburn University to complete a residency in food animal theriogenology. Dr. Edmondson completed her residency and MS in biomedical sciences from Auburn University in 2006 and became a Diplomate of the American College of Theriogenologists in 2005. She joined the faculty at Auburn University's College of Veterinary Medicine in 2006 and was promoted to professor in 2018. Dr. Edmondson taught in numerous courses (including theriogenology, reproductive anatomy, urogenital surgery, production medicine, and others) for veterinary students, as well as clinical rotations in food animal medicine and surgery and advanced rotations in advanced beef production and advanced small ruminant medicine and surgery. She was also involved in theriogenology resident training through clinical instruction, graduate lectures, and laboratories. In September 2018, Dr. Edmondson left Auburn University to join the Alabama Department of Agriculture and Industries as an Associate State Veterinarian. Dr. Edmondson has been married to her husband, Jason, a beef nutrition specialist, for fifteen years. They have two children, Wyatt and Laken, and have a farm where they raise Angus and SimAngus cattle, horses, and a few chickens.

Learning Objectives:

1. Attendees will be able to diagnose common urinary tract diseases in small ruminants based on key physical examination findings and diagnostic tests.
2. Upon diagnosis, attendees will be able to offer treatment strategies to their clients for each of the common urinary tract diseases.
3. Attendees will also have a basic knowledge on the best methods to prevent the urinary diseases covered in this discussion.

Agenda:

- Physical examination
 - External genitalia
 - Normal and abnormal micturition behavior

- Diagnostic tools
 - Vaginoscopy
 - Cystoscopy
 - Radiographs
 - Ultrasound
 - Urine collection/urinalysis
 - Chemistry/CBC
- Obstructive Urolithiasis
 - Predisposing factors
 - Diagnosis
 - Treatment
 - Prevention
- Ulcerative Posthitis
 - Diagnosis
 - Treatment
 - Prevention
- Other Diseases
 - Hypospadias
 - Renal Amyloidosis
 - Neoplasia