



# Diagnostic Exercise

## From The Davis-Thompson Foundation\*

**Case #: 74 Month: November Year: 2016**

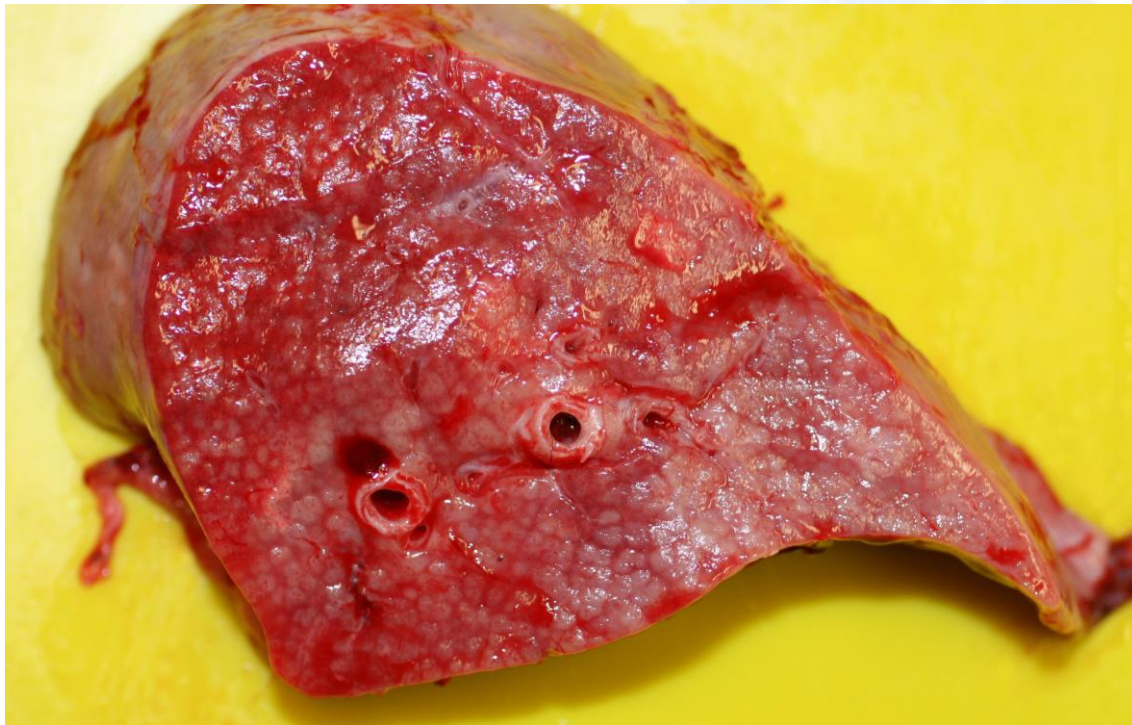
**Contributors:** Guillermo Rimoldi, DVM, DACVP. California Animal Health and Food Safety Laboratory System (CAHFS), UC-Davis, Tulare branch.

**Clinical History:** An adult, female La Mancha goat in good nutritional status was submitted alive for necropsy. The animal arrived in sternal recumbency, unable to stand or walk, and with severe respiratory distress. Out of a herd of 800 goats, 2 were sick and had died. The owner had treated the animals for chronic pneumonia with Tulathromycin and Flunixin with no results.

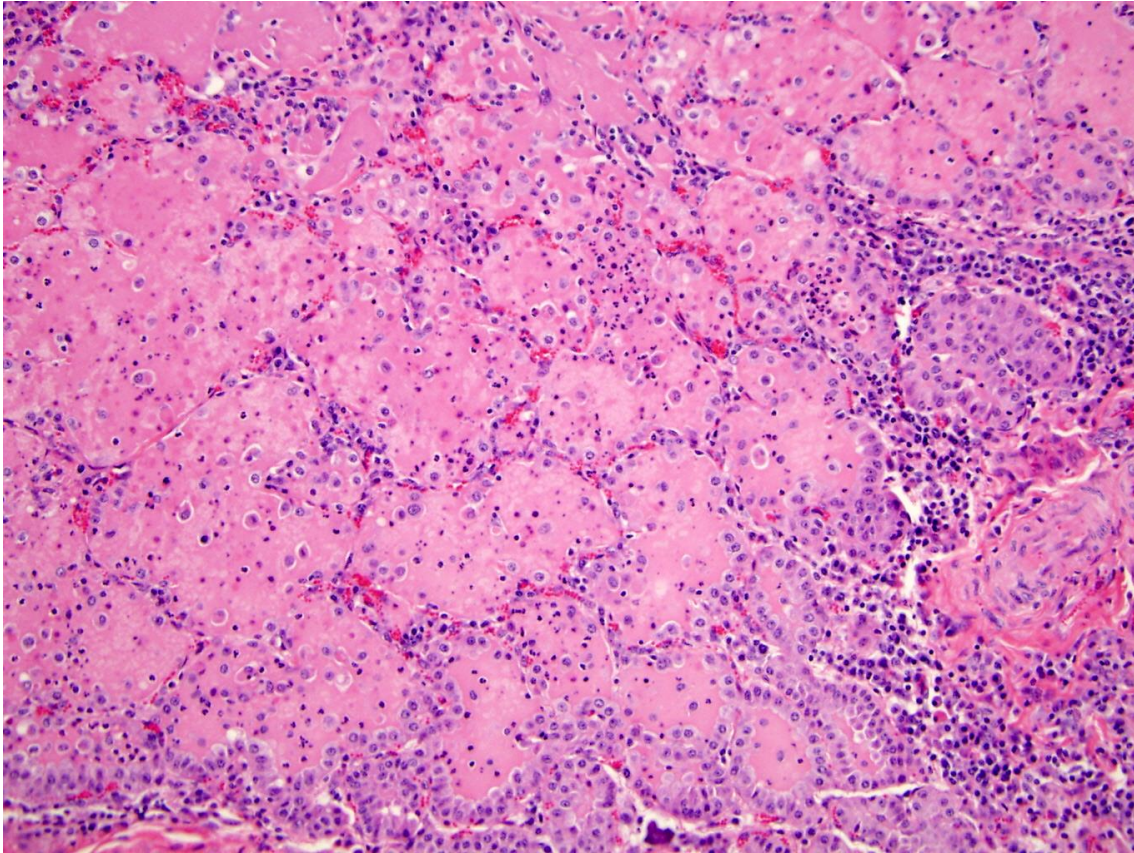
**Laboratory Findings:** No laboratory tests were performed before submission for necropsy.

**Necropsy Findings:** Significant findings included abundant yellow mucus and foam in the trachea. Lungs were diffusely pale pink, with failure to collapse after opening of the thoracic cavity and minimal fibrin strands on the pleural surface . On cut section the lungs had a meaty appearance, were firm, and had an enhanced, delicate reticular pattern (Fig. 1). No other gross significant changes were detected.

**Gross and microscopic image:**



**Fig. 1**



**Fig. 2 Lung, HE, 20x.**

**Follow-up questions:** Morphologic Diagnosis, disease, and cause.

\*The Diagnostic Exercises are an initiative of the **Latin Comparative Pathology Group (LCPG)**, the Latin American subdivision of The Davis-Thompson Foundation. These exercises are contributed by members and non-members from any country of residence. Consider submitting an exercise! A final document containing this material with answers and a brief discussion will be posted on the CL Davis website ([http://www.cldavis.org/diagnostic\\_exercises.html](http://www.cldavis.org/diagnostic_exercises.html)).

**Associate Editor for this Diagnostic Exercise:** Ingeborg Langohr

**Editor-in-chief:** Vinicius Carreira