Diagnostic Exercise
From The Davis-Thompson Foundation*

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Clinical History: A 14-year-old, mixed breed, female goat had been coughing on and off for the past year. She had labored breathing with no improvement after taking antibiotics. She was euthanized when she became dyspneic.

Necropsy Findings: There are multifocal to coalescing tan to yellow proliferative lesions expanding the parenchyma and elevating the majority of the pleural surface.

Gross and Microscopic Images:

Figure 1. Lung – additional images below

Follow-Up Questions: Morphologic diagnosis; Condition; Cause.
Figure 2. Lung (cross section).
Figure 3. Lung (cross section, close up).
Figure 4. Lung. 20X, H&E.

Figure 5. Lung. 400X, H&E.
Figure 6. Lung, terminal airway (*). 20X, H&E.

Figure 7. Lung. 200X, H&E.
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*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).

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