



Diagnostic Exercise

From The Davis-Thompson Foundation*

Case #: 69 Month: June Year: 2016

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Clinical History: A 4-month-old male Bernese Mountain Dog puppy was submitted for necropsy. The dog showed chronic non-bloody diarrhea for one month, and a few days before death developed respiratory signs (respiratory distress and cough), fever, anorexia, and, lastly, neurological signs (ataxia, marked paraparesis, and myoclonus). Due to the poor prognosis, the animal was euthanized.

Necropsy Findings: The pulmonary parenchyma failed to collapse and had diffuse and marked increase in consistency (Figures 1 and 2).

Gross and Microscopic image:



Figure 1

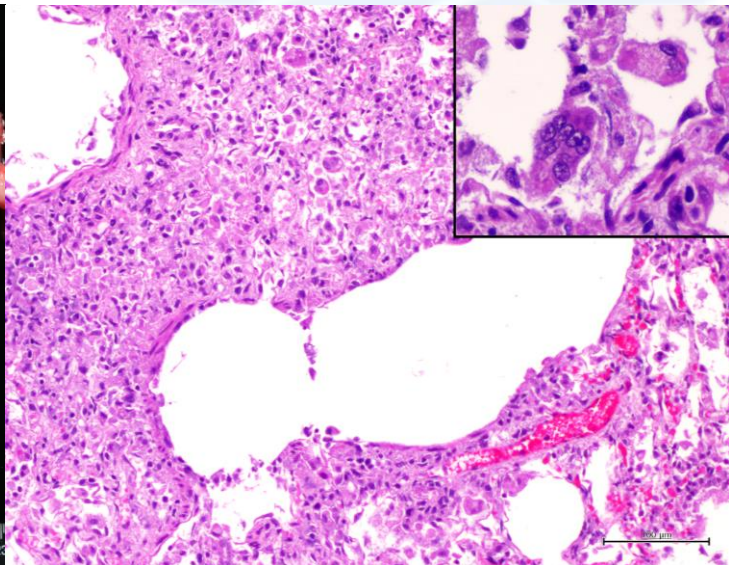


Figure 2

Follow-up questions: Gross morphologic diagnoses. Name at least two associated macroscopic lesions in other organs. Histological description and morphological diagnosis. Etiology and etiological diagnosis. Differential diagnosis(es). Name two diagnostic techniques to confirm your diagnosis.

*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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