



Diagnostic Exercise

From The Davis-Thompson Foundation*

Case #: **194**; Month: **August**; Year: **2022**
Question Sheet

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Clinical history: Sixty-day-old commercial pigs with coughing, thumping, and 2% mortality in the herd. The total number of pigs in the herd was not reported.

Macroscopic findings: Fresh samples of lung, liver, spleen, tonsil, and lymph node from 2 pigs were received. Both lung samples were mildly non-collapsing with multifocal small hemorrhages and the ventral aspects were pale tan and consolidated. One sample of lung had moderate amounts of fibrinous exudate on the pleura. The liver samples had a mildly corrugated appearance.

Microscopic findings:

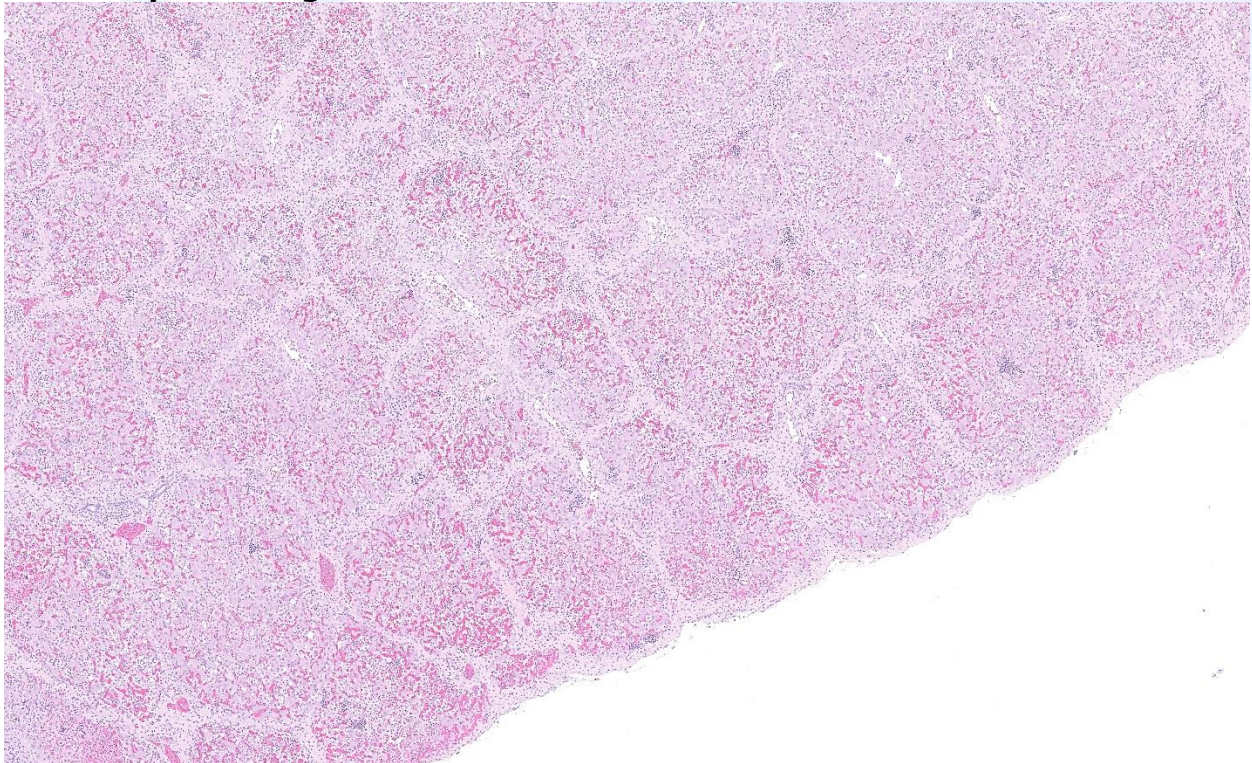


figure 1: H&E, 40x.

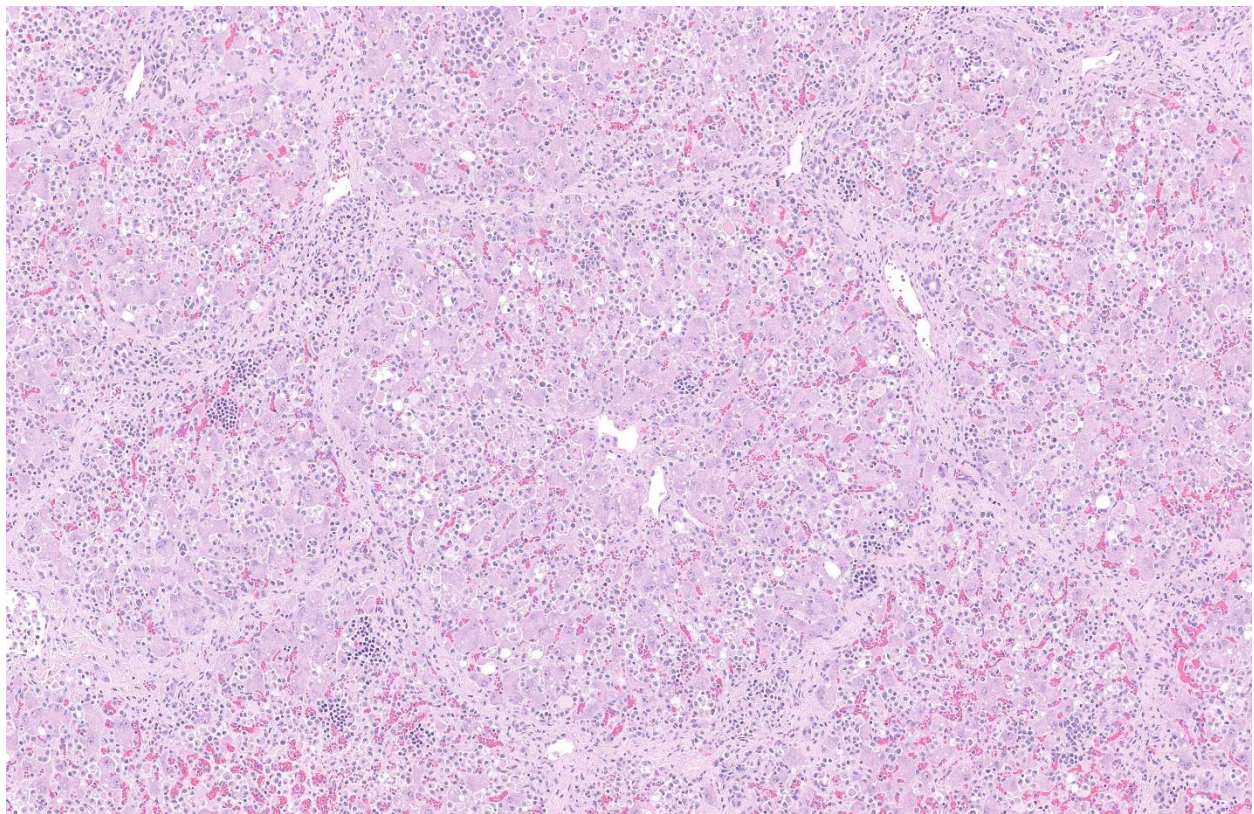


Figure 2: H&E, 100x.

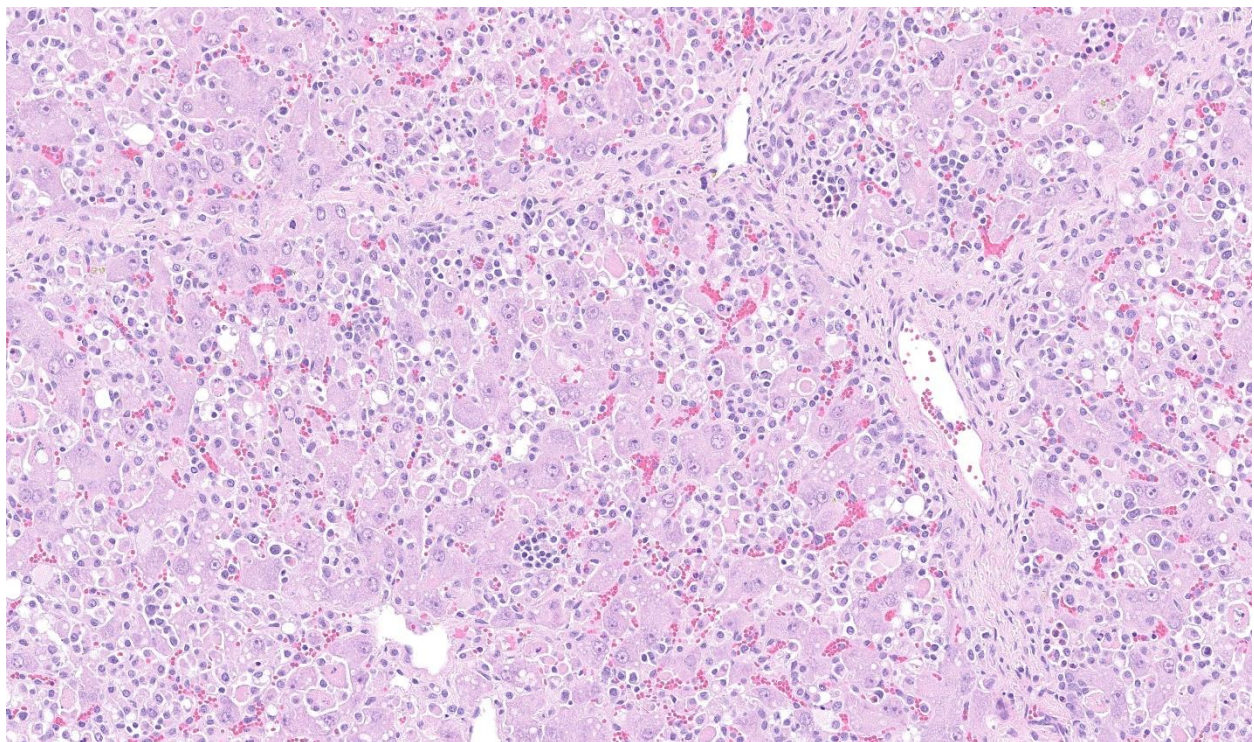


Figure 3: H&E, 200x.

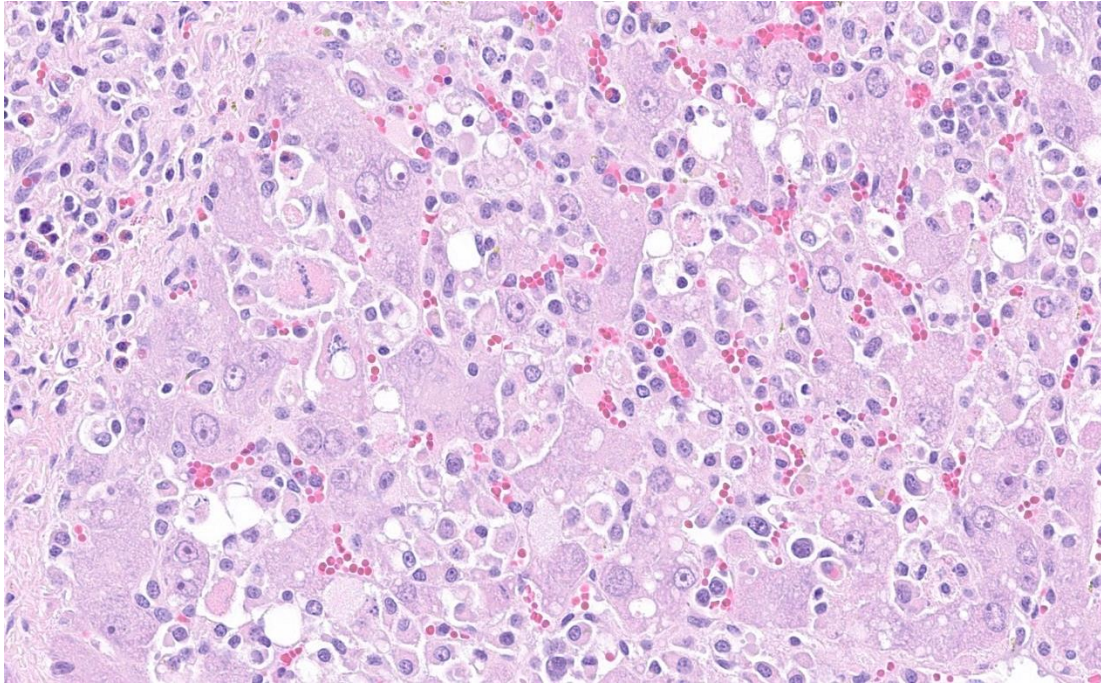


Figure 4: H&E, 400x.

Follow-up questions:

- *Histologic description;*
- *Morphologic diagnosis;*
- *Cause;*
- *Name the disease;*
- *Possible lesions in other organs*

*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 (<https://davisthompsonfoundation.org/diagnostic-exercise/>).

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