



## Diagnostic Exercise From The Davis-Thompson Foundation\*

Case #: 151 Month: October Year: 2020



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**Clinical History:** This adult female kunekune pig presented with a history of weight loss and was unable to stand the previous day.

**Necropsy Findings:** The adult kunekune sow is presented dead and judged to be in poor body condition (body weight: 42.9kg), with minimal postmortem changes and moderately dehydrated. The mucous membranes are pale. She has little to no fat reserves in the mesentery, around the kidneys and around the heart. In the pericardial sac there are approximately 20 ml of dark, opaque brown fluid. The gastric wall is pale, and the gastric mucosa is diffusely thickened and nodular with numerous red parasites of approximately 10 mm in length.

### Gross Images:





**Figure 2**

**Follow-up Questions:**

1. What is your morphologic diagnosis?
2. What is the probable cause?
3. What are the histologic findings?

\*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)).

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