



Diagnostic Exercise

From The Davis-Thompson Foundation*

Case #**210**; Month: **April**; Year: **2023**
Question sheet

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Clinical History: A five-year-old, spayed female, American Domestic Shorthair Cat had a two-year history of multifocal non-healing ulcerated areas with serous discharge on the ventral abdomen (Fig. 1) that responded partially to antibiotics and steroids. The lesions were biopsied and submitted for culture and histopathology.

Clinical Images:



Figure 1

Histological Images:

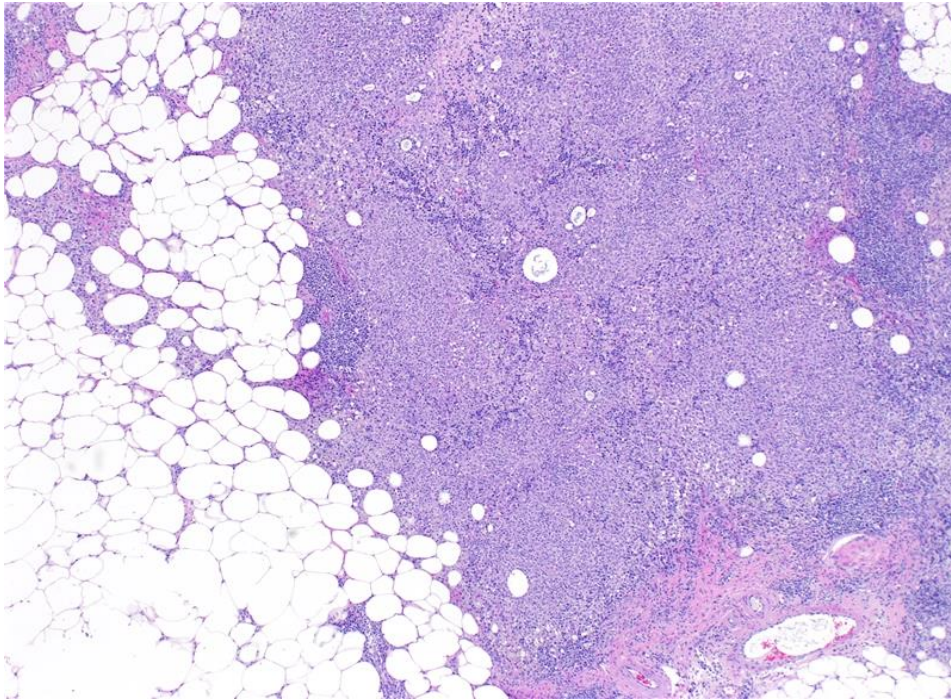


Figure 2. Hematoxylin and eosin stain (H&E), 10x.

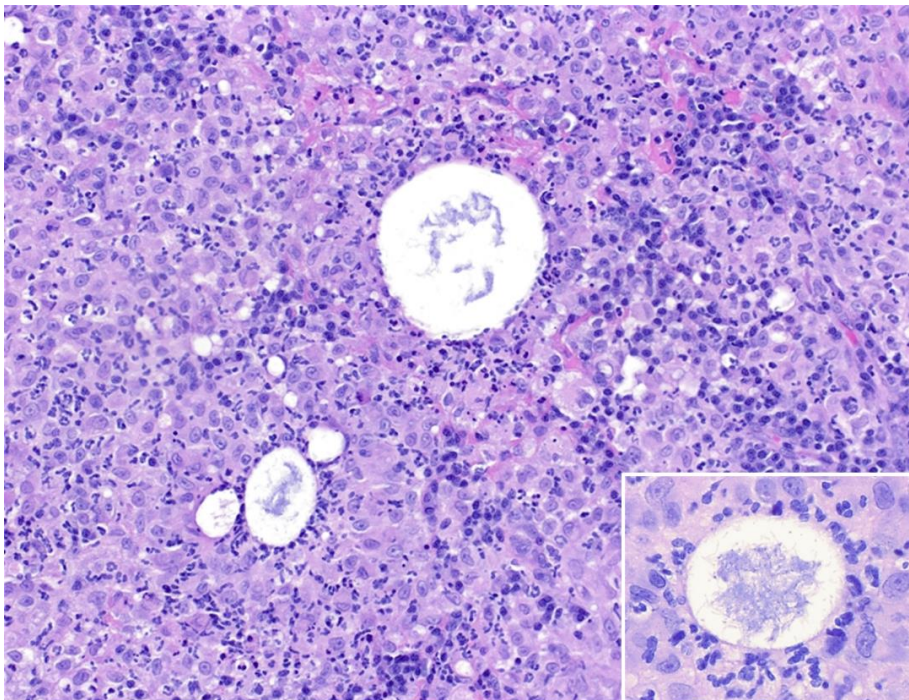


Figure 3. H&E, 20x and 40x.

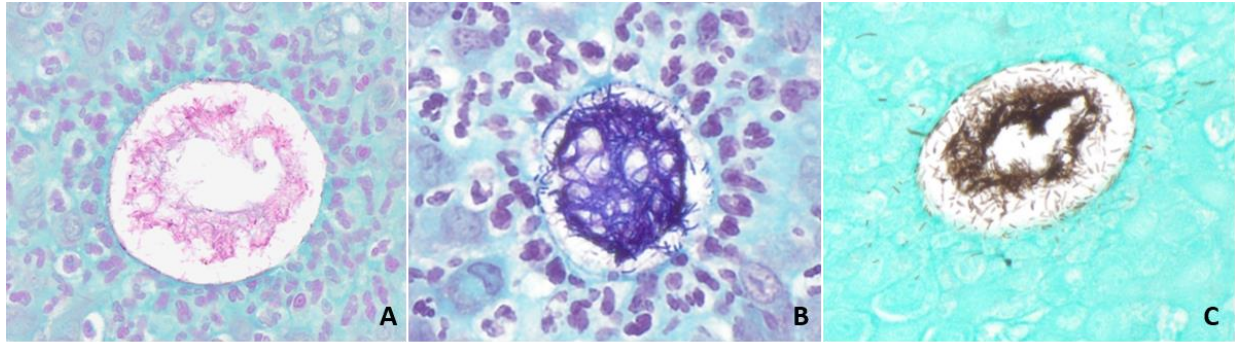


Figure 4. **A.** Fite's-Faraco acid-fast stain **B.** Gram stain **C.** Grocott Methenamine Silver (GMS) stain; 40x.

Follow-up questions:

1. *Morphologic diagnosis?*
2. *Etiological diagnosis?*
3. *Condition?*
4. *Possible causative agent(s)?*

*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.

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