



Diagnostic Exercise

From The Davis-Thompson Foundation*

Question Sheet

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Contributors: Juan Diego Hidalgo Dittel¹, DVM; Roger Such Basiana², DVM, Laura G. Bass^{3,4,6}, DVM, MSc; Gaby Dolz-Wiedner⁵, DVM, PhD; Antony Solórzano-Morales⁵, Biol, MSc; Roberto W. I. Olivares^{1,6}, DVM, EdS, PhD, DACVP

1-Servicio de Patología Diagnóstica LAPAVET-ESFA, Cátedra de Patología e Histología, Escuela de Medicina y Cirugía Veterinaria San Francisco de Asís, Universidad Veritas, Vázquez de Coronado, San José, Costa Rica. 2-Jaguar Rescue Center, Puerto Viejo, Limón, Costa Rica. 3- Maestría en Enfermedades Tropicales, Posgrado Regional en Ciencias Veterinarias Tropicales (PCVET), Universidad Nacional (UNA), Heredia, Costa Rica. 4- Cátedra de Microbiología e Inmunología, Escuela de Medicina y Cirugía Veterinaria San Francisco de Asís, Universidad Veritas. Vázquez de Coronado, San José, Costa Rica. 5- Laboratorio de Zoonosis y Entomología, Escuela de Medicina Veterinaria, Universidad Nacional (UNA), Heredia, Costa Rica. 6- Current position: California Animal Health & Food Safety Laboratory System – UC Davis.

Corresponding author: rwolivares@ucdavis.edu

Clinical History: Multiple tissue samples from various organs of a juvenile margay (*Leopardus wiedii*) were collected during necropsy. Before death, the animal exhibited severe weakness, vomiting, diarrhea, dehydration, abdominal discomfort, and marked leukopenia.

Necropsy Findings, Gross Images and Microscopic Images: As reported by the referring veterinarian, necropsy findings revealed a poor body condition with notably pale mucous membranes. Figure 1 shows the only gross alteration seen in the necropsy.

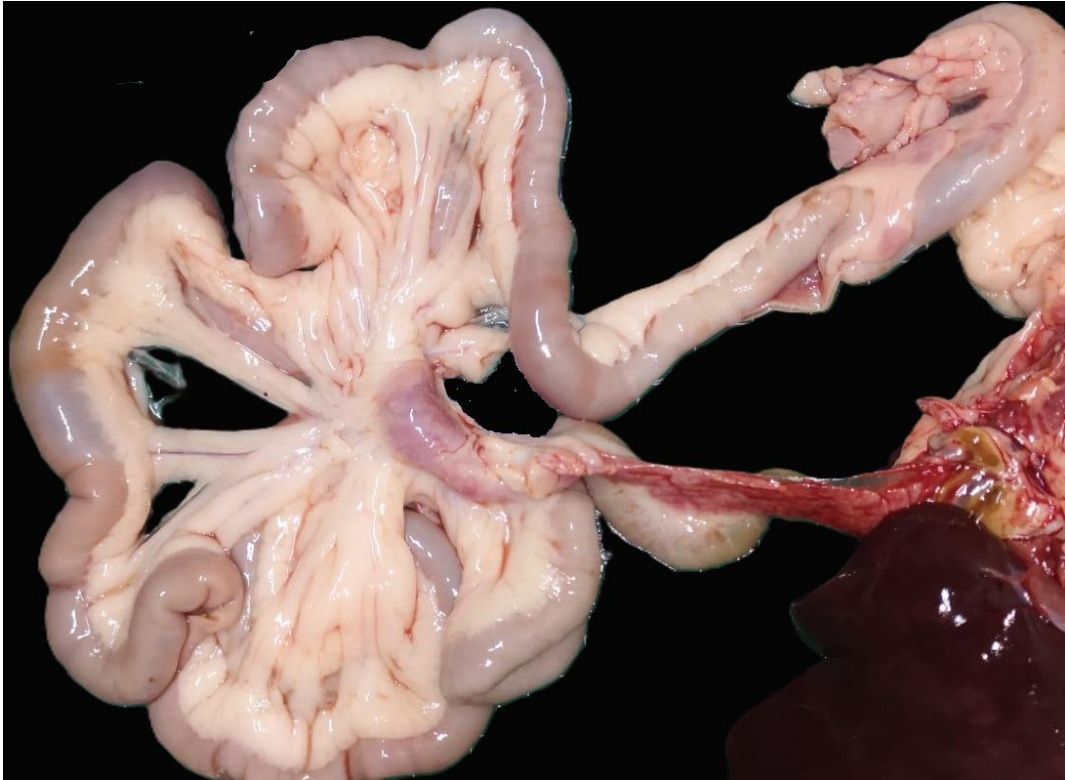


Figure 1. Abdominal organs.

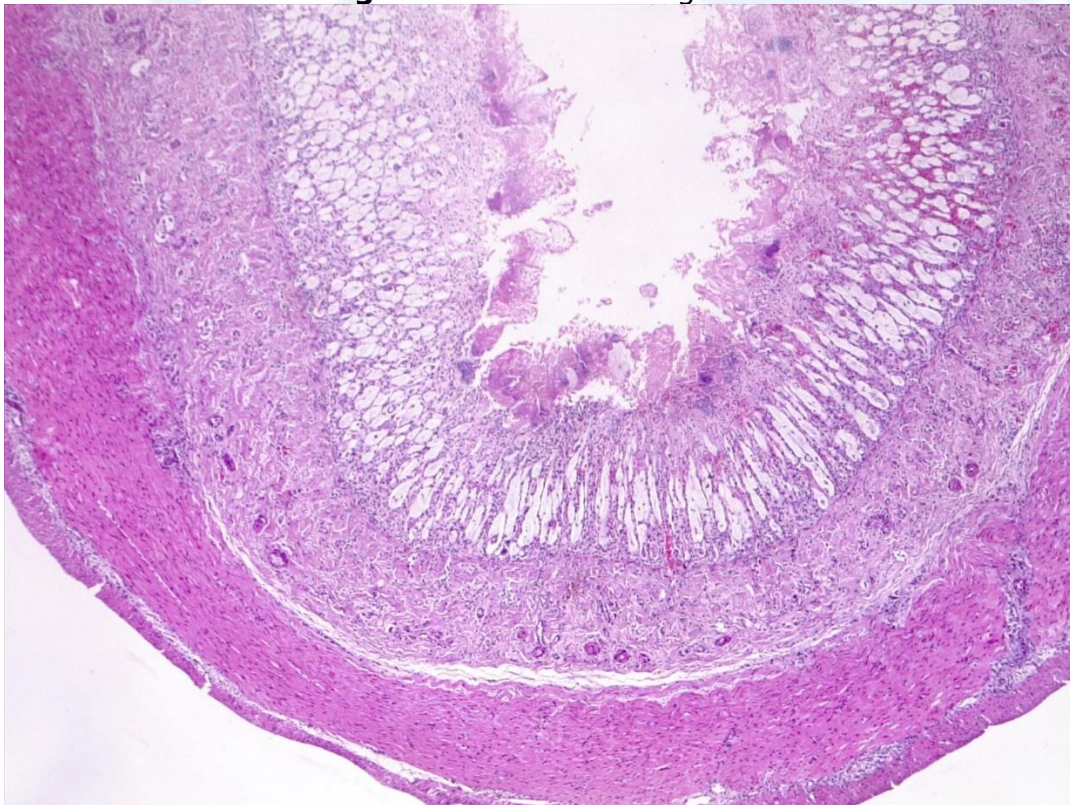


Figure 2. 40x, H&E.

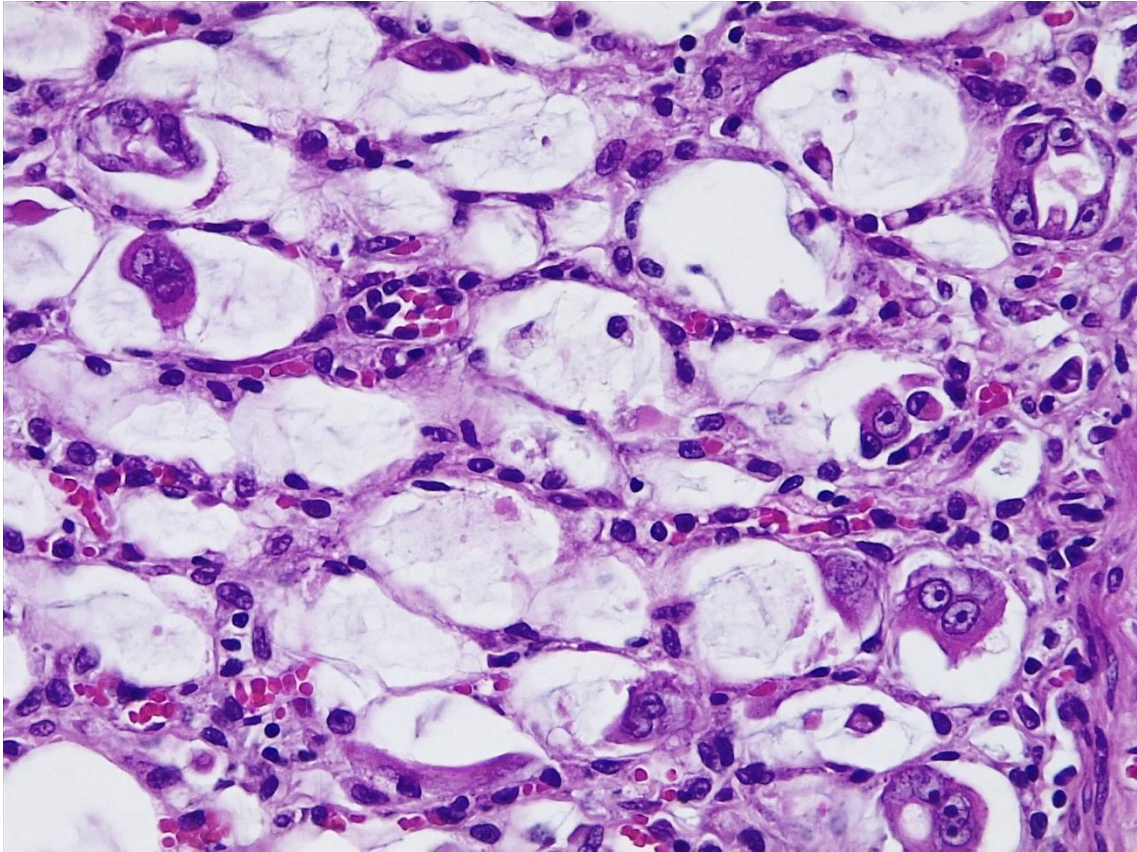


Figure 3. 400X, H&E.

Follow-up questions:

- *Morphologic gross diagnoses (Fig. 1).*
- *Histopathologic description and morphologic diagnosis (Fig. 2 and 3).*
- *Name of the disease.*

*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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