Diagnostic Exercise

From The Davis-Thompson Foundation*

Question Sheet

Case #: **204**; Month: **January**; Year: **2023**

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Clinical History: Multiple fragments of various organs from the necropsy of an adult sloth (*Choloepus hoffmani*) were received. The animal, prior to its death, had presented decay and poor general body condition, which is why it was euthanized.

Necropsy Findings, gross images and microscopic images: According to the referring veterinarian, at necropsy, irregular and locally extensive hard yellowish lesions, were observed in the subcutaneous tissue of the thorax and abdomen (Figs. 1 and 2). Similar lesions were observed in the tunica media of the aorta (Fig. 3). Microscopically, the kidney had the aspect shown in Fig. 4.

Figure 1. Subcutaneous tissue of the thorax and abdomen.

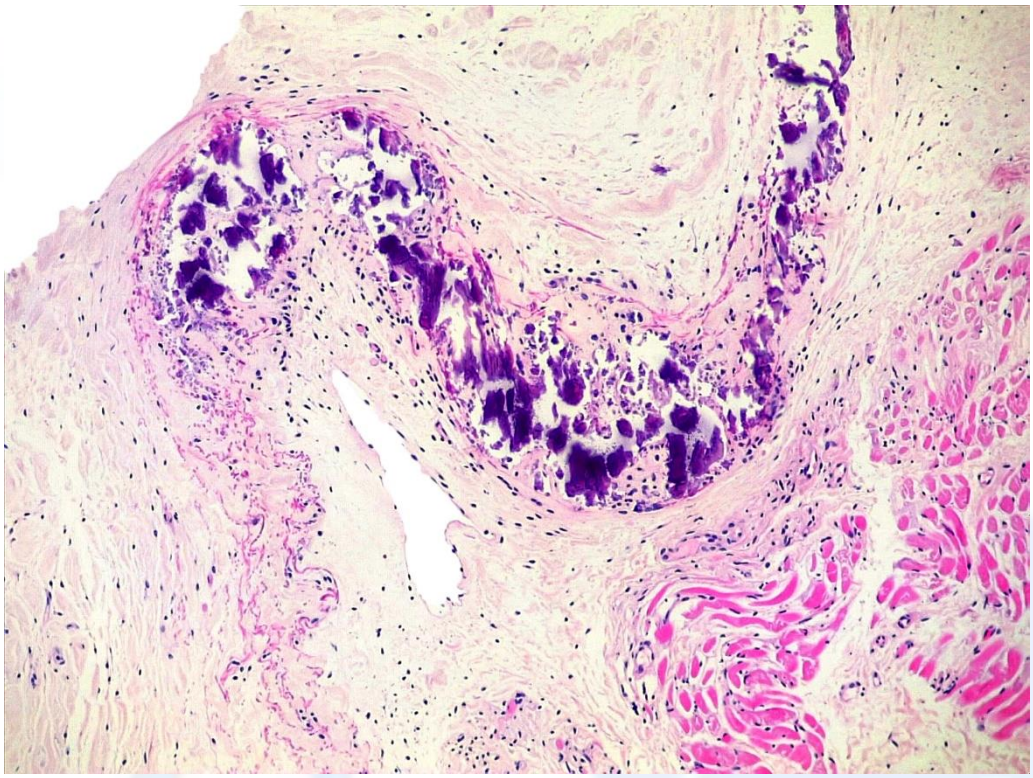

Figure 2. Subcutaneous tissue of the thorax and abdomen. H&E.

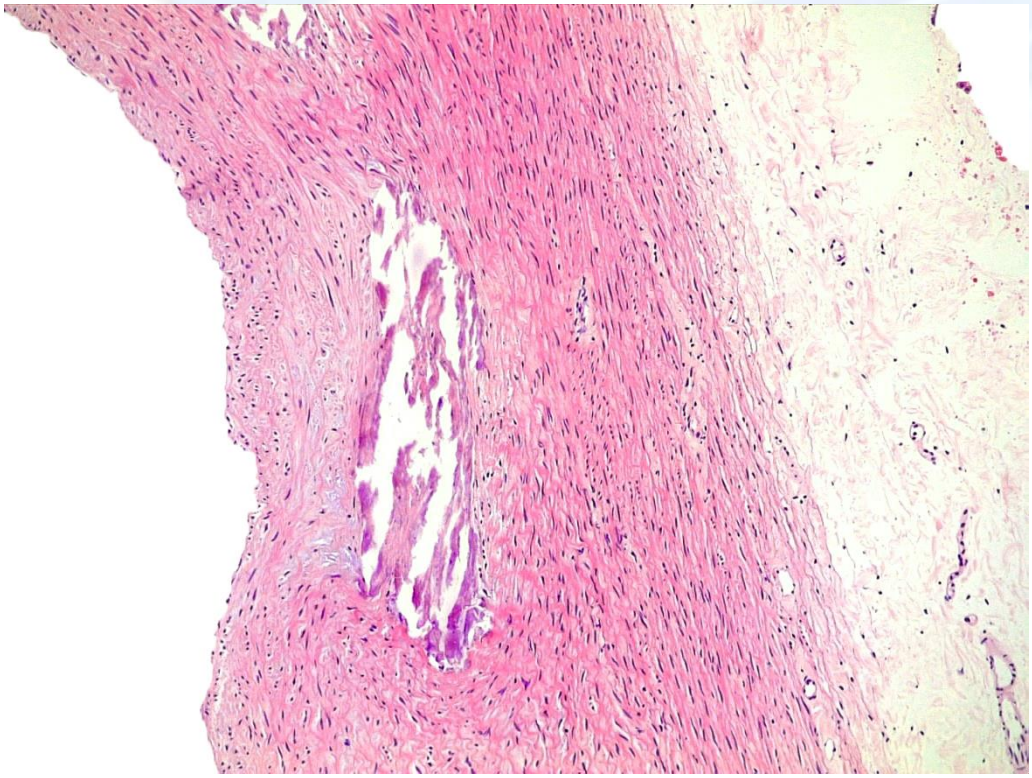

Figure 3. Aorta. H&E.

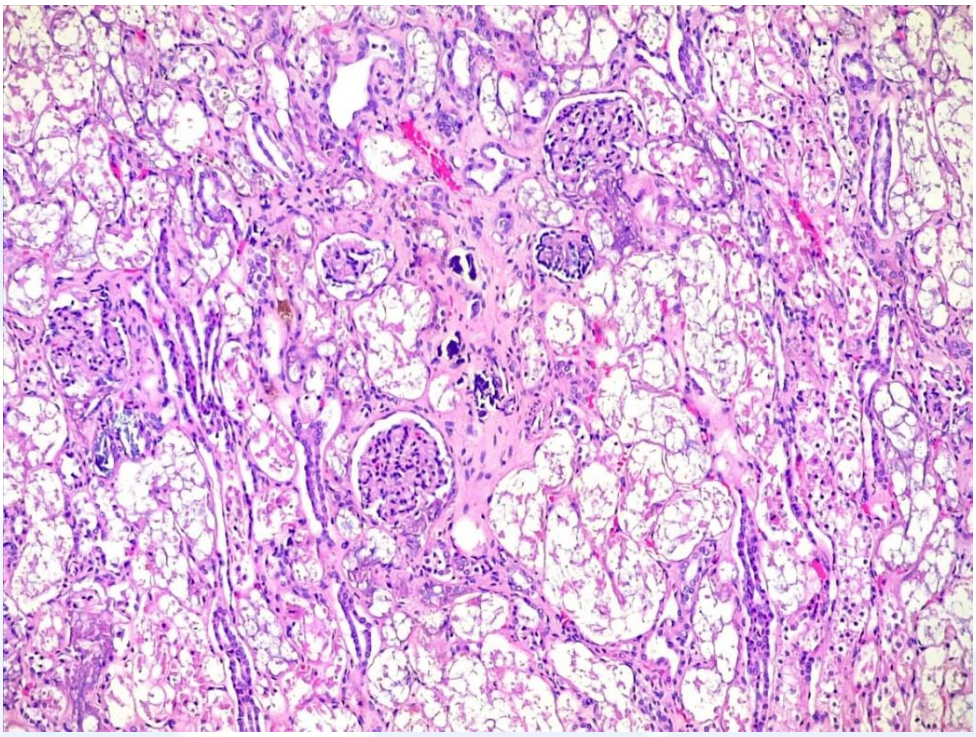

Figure 4. Kidney. H&E.

Follow-up questions:
Morphologic diagnoses (Figs. 1, 2 and 3)
Histopathologic description (Fig. 4).
Pathogenesis
*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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