

Diagnostic Exercise

From The Davis-Thompson Foundation*

Case #: **162** Month: **March** Year: **2021**

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Clinical History: An over 20-year-old, male Chilean flamingo (*Phoenicopterus chilensis*) from the Baton Rouge Zoo was lethargic and separated from the rest of the flock. Despite treatment for 24 hours, the bird remained recumbent and was later found dead. The vaccination history included for Eastern equine encephalitis virus and West Nile virus.

Necropsy Findings: The plantar surfaces of the feet had multiple, firm, raised, white to pale tan, ulcerated nodules ranging from 0.5 cm to 1.5 cm in diameter, consistent with chronic pododermatitis (Figure 1). Both kidneys were enlarged and diffusely yellowish orange with numerous white pinpoint foci throughout the parenchyma (Figure 2). The liver and spleen were enlarged, approximately 1.5 times of normal size. A focal white granular area was present on the ventral capsular surface of each hepatic lobe.



Figure 1



Figure 2

Follow-up questions: Microscopic findings; Morphologic diagnosis; Name of the condition

*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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