



Diagnostic Exercise

From The Davis-Thompson Foundation*

Case #: 117 Month: March Year: 2019

Contributors: **Contributors:** Tamires Goneli Wichert Teodoro^{1,2}, DVM; Tatiane Terumi Negrão Watanabe², DVM, MS, PhD; Emily Carson³, DVM; Liz Morgan³, DVM; Ingeborg M. Langohr², DMV, MS, PhD, DACVP. ¹Universidade Federal de Lavras (UFLA), Lavras, MG, Brazil. ²Louisiana State University School of Veterinary Medicine, Department of Pathobiological Sciences and Louisiana Animal Disease Diagnostic Laboratory, Baton Rouge, LA, USA. ³Audubon Animal Hospital, St. Francisville, LA, USA.

Clinical History: A 4-year-old, female chicken presented for clinical exam with hyperemic comb and legs. The bird was obtunded and with incoordination. The bird died and was submitted for postmortem examination.

Necropsy Findings: The coelomic cavity was distended by approximately 100 ml of yellow opaque fluid containing free-floating soft yellow material. The serosal surfaces of the proventriculus, ventriculus, intestines, spleen, left liver lobe, and ovary as well of the mesentery, coelomic wall, and air sacs were covered by miliary 0.1-0.5 cm diameter, white to tan, firm nodules (Figures 1+2).

Gross Images:

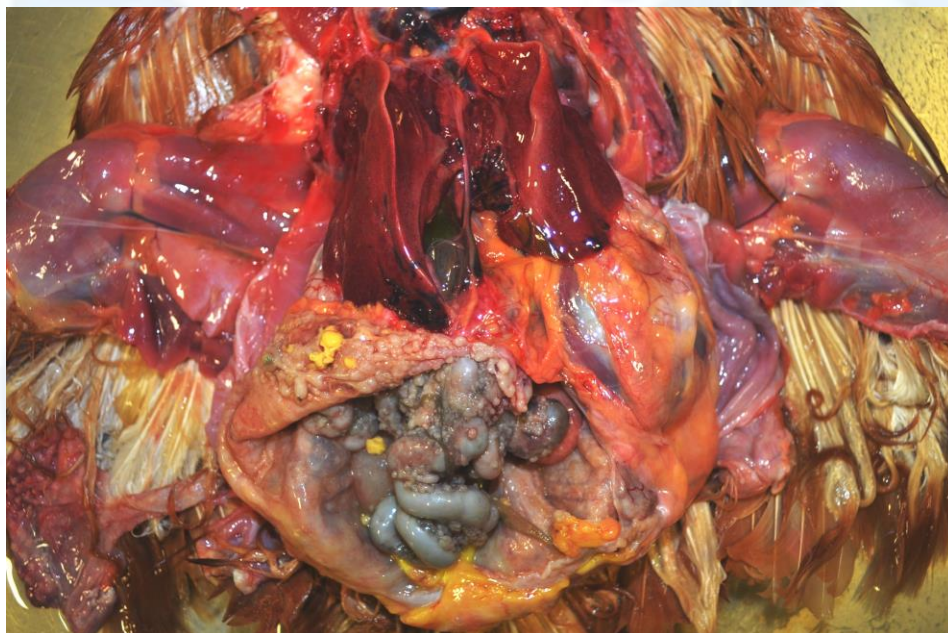


Figure 1

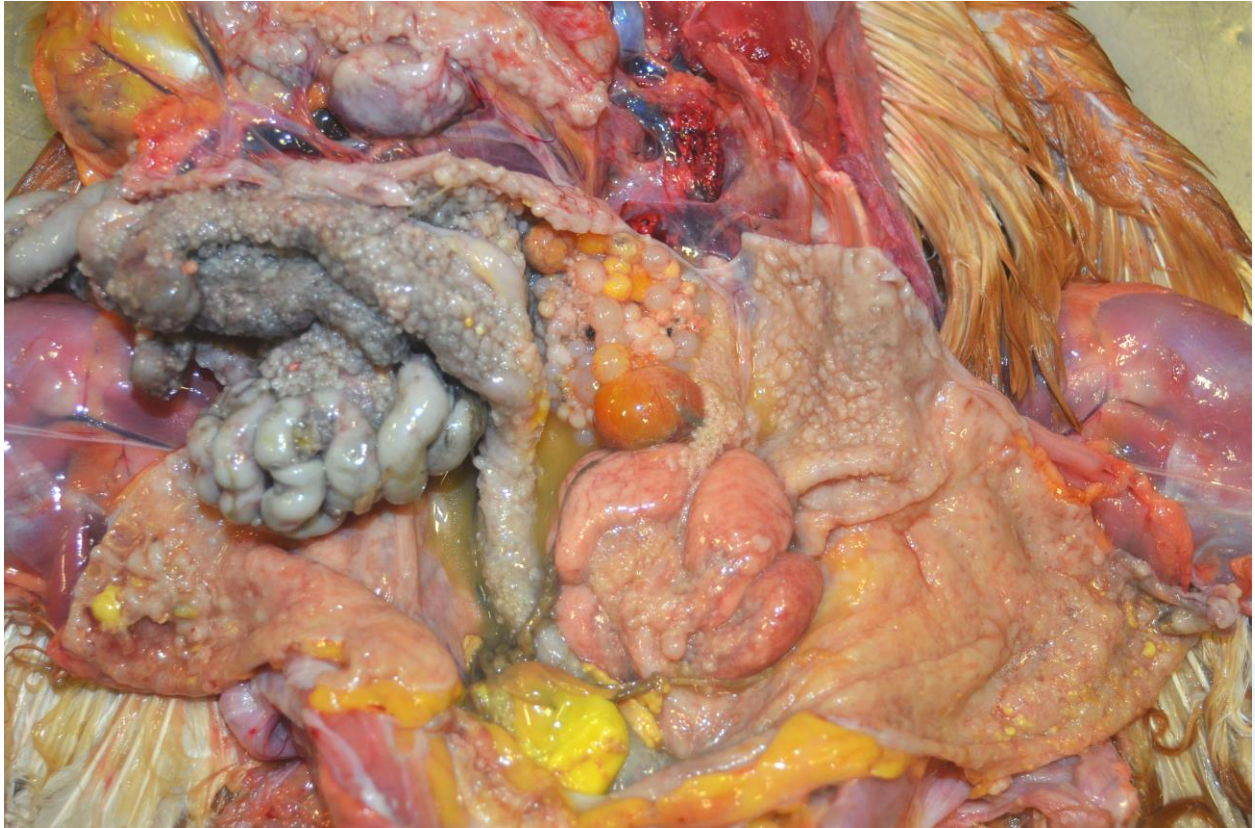


Figure 2

Follow-up Questions: Morphologic diagnosis(es)? Differential diagnosis(es)?

*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).

Associate Editor for this Diagnostic Exercise: Vinicius Carreira
Editor-in-chief: Ingeborg Langohr