



Diagnostic Exercise

From The Davis-Thompson Foundation*

Case #: 155 Month: **December** Year: **2020**

Contributor: Melissa Roy, DVM, Anatomic Pathology Resident, William R. Pritchard Veterinary Medical Teaching Hospital, School of Veterinary Medicine, University of California, Davis, CA maroy@emory.edu

History: A 10-month-old, female, intact Airedale terrier had been experiencing urinary accidents in the house for about 2 weeks prior to presentation to the referring veterinarian. The referring veterinarian performed an ultrasound-guided cystocentesis and saw a mass in the trigone region. Recheck ultrasound was performed after a week of antibiotics and there was no change in the mass. The patient was referred to the UC Davis William R. Pritchard Veterinary Medical Teaching Hospital (VMTH) for cystoscopy. An irregularly shaped, multi-lobular (botryoid), 1.5 x 3.3 cm mass was visualized in the left trigone region (Figure 1). The mass was in close proximity to the urethra and left ureter. Samples were taken by pinch biopsy and submitted for histopathology (Figure 2).

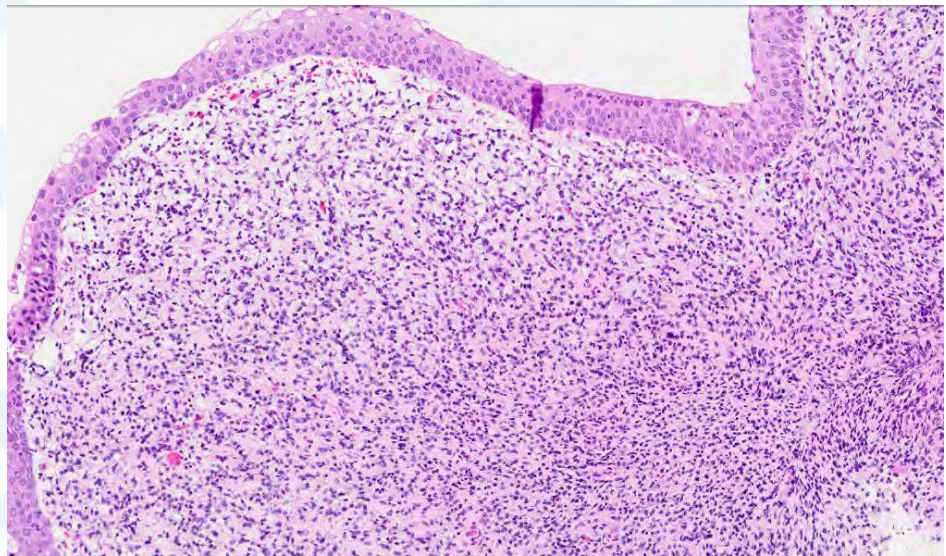


Figure 1

Figure 1

Follow-Up Questions:

(1) *What are your differential diagnoses?*

(2)What diagnostic (histochemical, IHC) test would distinguish among these differentials?

*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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