



**PATIENT**

Micki Rich

**SPECIES**

Canine

**BREED**

American Bulldog

**SEX**

Intact Male

**AGE**

5 years

**WEIGHT**

73 #

**INTERPRETED BY**

Remo Lobetti, BVSc,  
MMedVet (Med), PhD,  
Dipl. ECVIM

**IMAGING PERFORMED BY**

Lara Wiseman, DVM

**HOSPITAL NAME**

Heron Lakes Animal  
Hospital

**REFERRING VET**

**INVOICE**

303547

**DATE**

11/11/22

**PRESENTING CLINICAL SIGNS**

History: Initially presented for drooling, ataxia, swelling of the prepuce, and diarrhea. Initially improved then deteriorated. Initial blood work normal.

Physical Examination: Pyrexia, lame right fore.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: Elevated liver enzyme activity. 4Dx negative. Testing for endocarditis, brucellosis, and leptospirosis pending.

Radiographic Findings: N/A.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra (0.7 cm), and iliac blood vessels.

Prominent iliac lymph nodes (0.8 x 2.4 cm) with normal shape and echogenic appearance. Ureters not visualized.

Normal renal size (left 7.1 cm, right 7.5 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

**Reproductive System**

Normal size and appearance of the prostate (3 cm) and testicles. Small amount of scrotal and prepuce edema.

**Adrenal Glands**

Normal shape, echogenic appearance, position, and size. Left 0.41 cm, right 0.49 cm.

**Spleen**

Normal size (1.9 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

**Liver**

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Small gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.



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***Gastrointestinal***

Normal appearance of the gastro-esophageal junction, stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.43 cm, duodenum 0.27 cm, jejunum 0.39 cm) and peristaltic activity, and no distension of the lumen. Large amount of ingesta within the stomach.

***Pancreas***

Normal size (right 1.1 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

***Free Abdomen***

No mesenteric lymphadenomegaly.  
Small amount of ascites around the liver lobes.

**ULTRASONOGRAPHIC FINDINGS**

Primary findings:

- Iliac lymphadenomegaly.
- Mild ascites.
- Scrotal edema.

Secondary findings:

- None.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS IMAGES**

The most likely etiology for the lymph nodes would be reactive with lymphadenitis and neoplasia differential diagnoses.

Etiology for the scrotal edema would be orchitis, trauma, cardiac disease.

Further assessment needs to be based on the pending results but could include FNA cytology of the liver and iliac lymph nodes.

Specific therapy would be dependent on an etiological diagnosis.



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**IMAGES**

**Iliac lymph node**



**Scrotal edema**



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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

**Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)**  
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