**PATIENT**

Louie Bell

**SPECIES**

Canine

**BREED**

Havanese Mix

**SEX**

M

**AGE**

10 mos

**WEIGHT**

8.06 lbs.

**INTERPRETED BY**R. McKenzie Daniel,  
DVM, DABVP (Canine  
and Feline)**IMAGING  
PERFORMED BY**

Amy Mayhew LVT

**HOSPITAL NAME**

SVS Imaging MI

**REFERRING VET**

Dr. Foster

**INVOICE**

16079

**DATE**

2/8/23

**PRESENTING CLINICAL SIGNS**

Presents for AUS.

Abnormal PE/Chem/CBC/UA Results: Cryptorchic (right).

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****Urinary System**

The urinary bladder was mildly subnormal in size owing to a lack of urine distention. No evidence of mural pathology was noted. Mild primarily anechoic urine was present without evidence of sediment or calculi. The urethra exhibited normal structure and tone to a depth of 2.0 cm.

The left testicle was subjectively present within the scrotum and sonographically normal measuring 2.4 cm diameter. The right testicle was confirmed to be retained and subjectively within the right inguinal canal to right inguinal subcutaneous space. The retained right testicle measured 1.4 cm length.

The prostate gland was of expected size and presentation for a young intact male canine without pathology measuring 1.3 cm diameter.

The area of the aortic trifurcation was free of pathology.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation or pyelectasia. The left kidney measured 3.4 cm in length. The right kidney measured 3.5 cm in length.

**Adrenal Glands**

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.30 cm width at the caudal pole and 0.30 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.38 cm width at the caudal pole and 0.47 cm width at the cranial pole.

**Spleen**

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

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**Liver/ Gallbladder**

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

**Gastrointestinal**

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

**Pancreas**

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

**Free Abdomen**

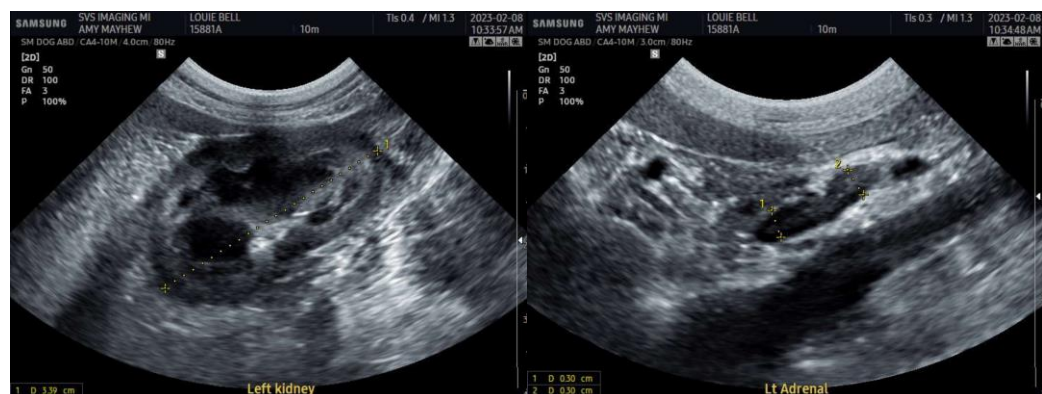
Intermittent, variably sized, mesenteric lymph nodes were present, not consistent with inflammatory or neoplastic criteria and suggestive of immunologic immaturity. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). The mesenteric lymph nodes are incidental.

**ULTRASONOGRAPHIC FINDINGS**

- Confirmed retained testicle subjective right inguinal canal / subcutaneous space

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Confirmation of retained right testicle location via palpation prior to surgical resection is suggested. No evidence of abdominal visceral pathology was noted.



IMAGING PERFORMED BY

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svsimagingmi@gmail.com



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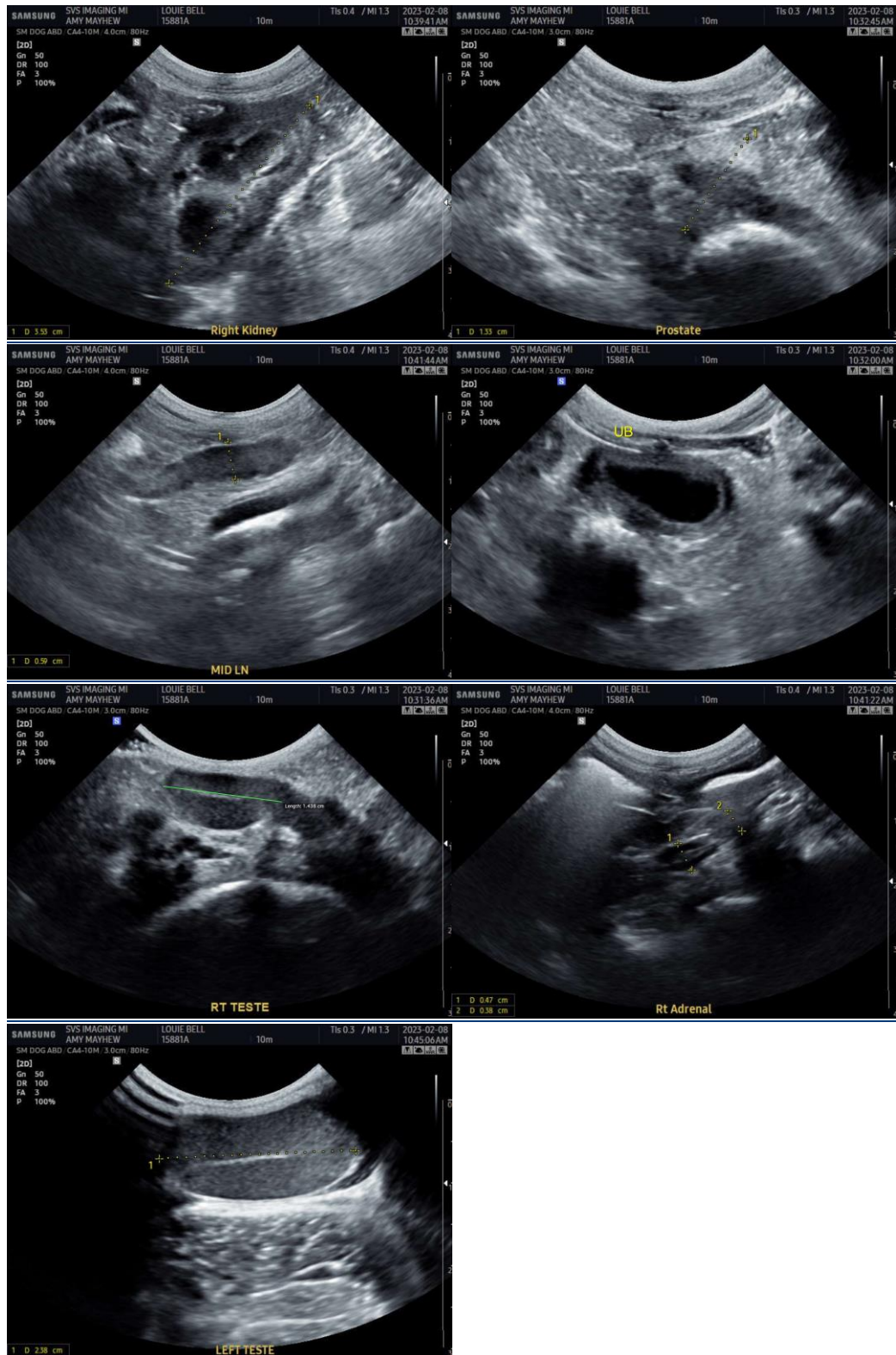
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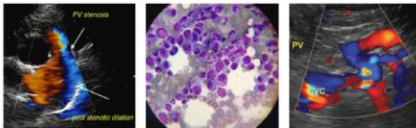
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EDUCATIONAL TELECONSULTATION SERVICES™

1-800-838-4268 info@sonopath.com SonoPath.com

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**The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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.

**R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)**  
**info@SonoPath.com**