



**PATIENT PRESENTING CLINICAL SIGNS**

Bo Lill History: Cryptorchidism.

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine *Urinary System*

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

**BREED**

Labrador Retriever

**SEX**

Male, intact

The prostate is enlarged (3.04 cm in width) with a normal shape. The parenchyma is mildly hyperechoic relative to surrounding omental fat and slightly heterogeneous in appearance. No distinct focal lesions are observed. The prostatic urethra is not overtly dilated.

**AGE**

1 Yr.

The left kidney is normal size (6.69 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

**WEIGHT**

78 lbs.

The right kidney is normal size (6.45 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

*Adrenal Glands*

**INTERPRETED BY**

Andrea Nicastro, DVM,  
Diplomate ACVIM  
(Small Animal Internal  
Medicine)

The left adrenal gland is normal size (0.53 cm at cranial pole) (0.51 cm at caudal pole) (2.23 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal size (1.15 cm at cranial pole) (0.56 cm at caudal pole) (2.02 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

**IMAGING PERFORMED BY**

Shari Reffi CVT

*Spleen*

**HOSPITAL NAME**

Westwood Regional  
VH

The spleen is normal in size (1.63 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

**REFERRING VET**

Dr. McConnell

*Liver*

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

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*Gastrointestinal*

**DATE**

4/18/22



**PATIENT**

Bo Lill

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

**SPECIES**

Canine

***Pancreas***

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

**BREED**

Labrador Retriever

***Free Abdomen***

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. A few prominent mid to caudal abdominal lymph nodes are visualized, the largest measuring 1.97 cm in length. The nodes are normal in shape and echogenicity.

**SEX**

Male, intact

***Other***

The left testicle is subjectively small in size (3.02 x 1.16 cm) with a slightly irregular shape and is observed in the left inguinal region. The testicle is slightly irregular in shape with homogeneous parenchyma.

**AGE**

1 Yr.

The right testicle is in a scrotal location and is subjectively normal in size (3.89 x 2.19 cm) with a normal shape and homogeneous parenchyma.

**WEIGHT**

78 lbs.

**INTERPRETED BY**

Andrea Nicastro, DVM,  
Diplomate ACVIM  
(*Small Animal Internal  
Medicine*)

**ULTRASONOGRAPHIC FINDINGS**

- Left cryptorchid (inguinal) testicle with a normal right descended (scrotal) testicle.
- The prostate changes are as expected for a young intact male.
- The abdominal lymphadenopathy could be consistent with immunologic immaturity, reactive lymphadenitis or lymphoid hyperplasia. Infiltrative neoplasia is possible but considered unlikely.

**IMAGING  
PERFORMED BY**

Shari Reffi CVT

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**HOSPITAL NAME**

- Castration

Westwood Regional  
VH

**REFERRING VET**

Dr. McConnell

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**DATE**

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**PATIENT**

Bo Lill

**SPECIES**

Canine

**BREED**

Labrador Retriever

**SEX**

Male, intact

**AGE**

1 Yr.

**WEIGHT**

78 lbs.

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Diplomate ACVIM  
(Small Animal Internal  
Medicine)

**IMAGING PERFORMED BY**

Shari Reffi CVT

**HOSPITAL NAME**

Westwood Regional  
VH

**REFERRING VET**

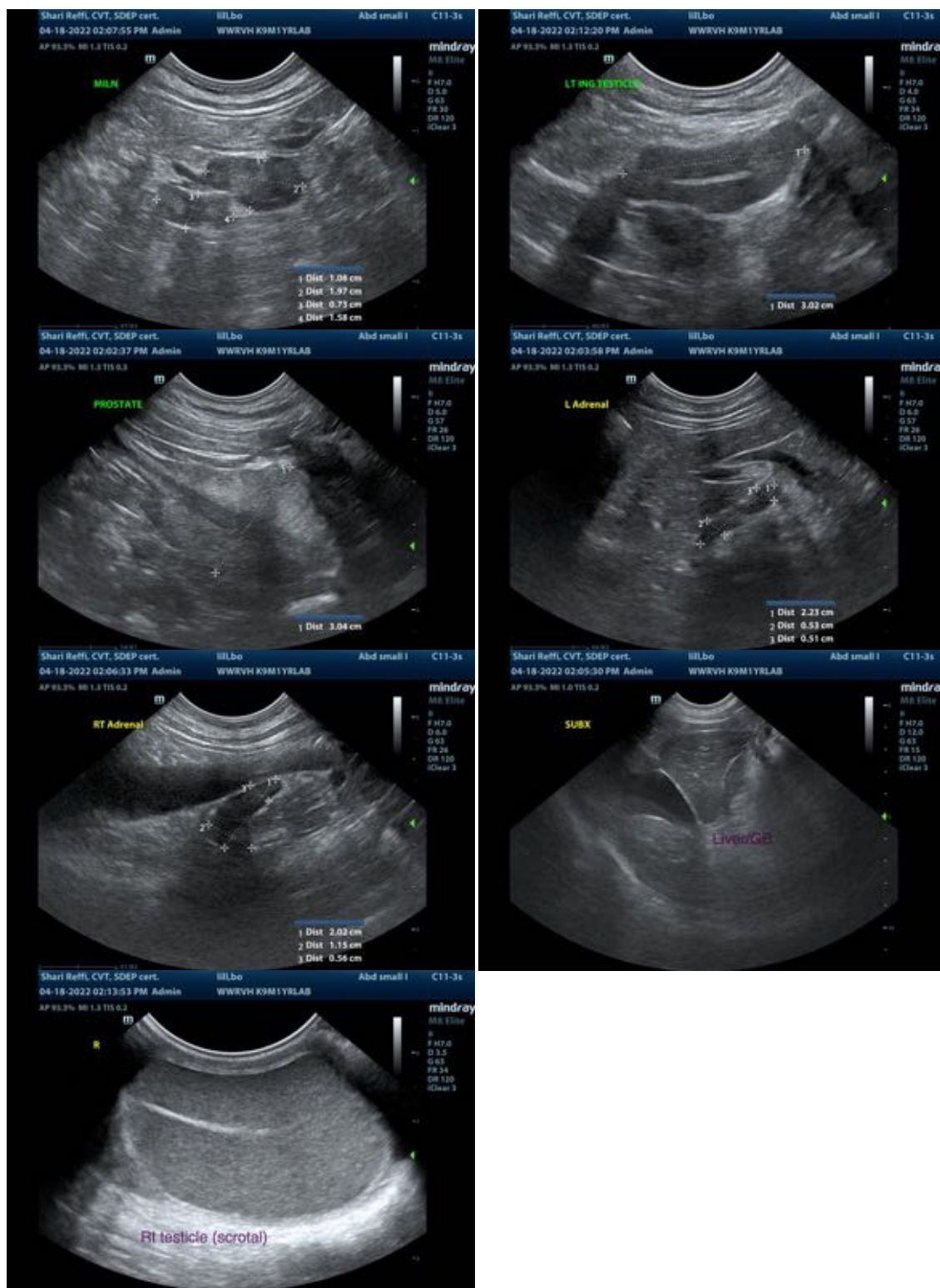
Dr. McConnell

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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



**PATIENT**

in the image/video clips provided.

Bo Lill

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.

**SPECIES**

Canine

Andrea Nicastro, DVM, Diplomate ACVIM (*Small Animal Internal Medicine*)

Andrea.nicastro@sonopath.com

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Labrador Retriever

**SEX**

Male, intact

**AGE**

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