



**PATIENT**

Rubel Boals

**PRESENTING CLINICAL SIGNS**

Presented for castration. R testicle noted to be approx 4X size of L. R testicle feels normal in size for age and breed. Want to verify that the smaller testicle is indeed testicle for pre-op planning

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

**BREED**

Lab

**SEX**

Intact Male

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measures 7.0 cm. The right kidney measures 5.7 cm.

**AGE**

10 Months

**Adrenal Glands**

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measures 2.47 cm x 0.39 cm at the cranial pole and 0.48 cm at the caudal pole.

**WEIGHT**

76 Pounds

**Spleen**

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The spleen was folded upon itself cranially. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**Liver**

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

**IMAGING PERFORMED BY**

Dr. Adrienne Waffle

**HOSPITAL NAME**

Torch Lake VC

**Gastrointestinal**

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

**REFERRING VET**

Dr. Adrienne Waffle

**INVOICE**

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**Pancreas**

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

**DATE**

12/2/22



**PATIENT** *Other*

Rubel Boals The testicles were imaged. One testicle was uniform at approximately 3.5 cm. The other testicle was congenitally atrophied at 1.5 cm.

**SPECIES** **ULTRASONOGRAPHIC FINDINGS**

- Canine
- Partial testicular maldevelopment, not pathological
  - Unremarkable abdomen otherwise

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

Lab No evidence of pathology. No contraindication to neutering.

**SEX**

Intact Male

**AGE**

10 Months

**WEIGHT**

76 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Adrienne Waffle

**HOSPITAL NAME**

Torch Lake VC

**REFERRING VET**

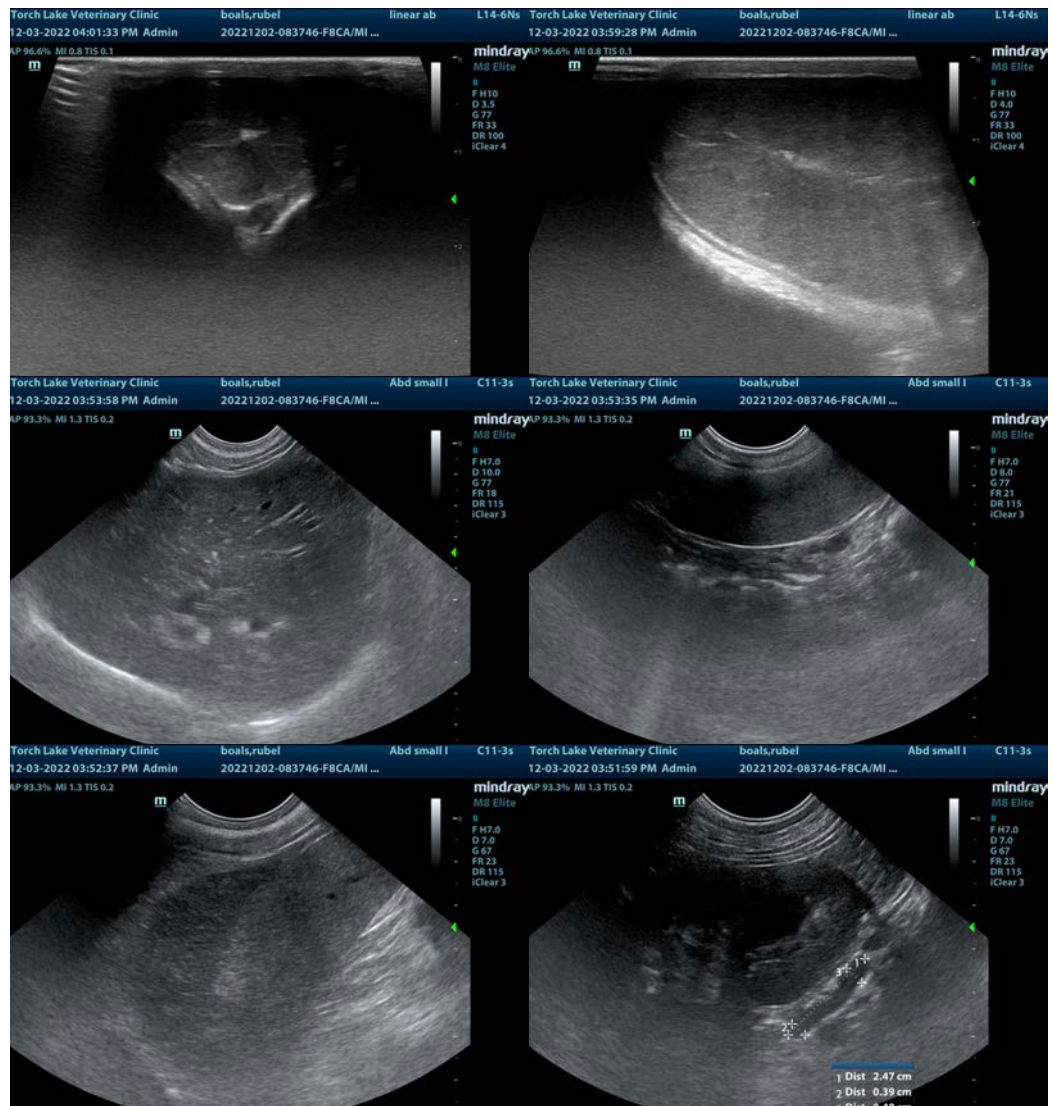
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**PATIENT**

Rubel Boals

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.

**SPECIES**

Canine

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.

**Eric Lindquist**, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com

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Lab

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Intact Male

**AGE**

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