



PATIENT

Buster Stutler

PRESENTING CLINICAL SIGNS

No clinical signs noted at home.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Chem 2/3/23: ALT 146, ALKP 1016 Chem 2/23/23: TP 8.4 g/dL (High), ALB 4.6 g/dL (High), ALT 168 U/L (High), ALKP 575 U/L (High), very hemolyzed sample Chem 4/27/23: ALT 131 U/L (High), ALKP 734 U/L (High) Chem 6/13/23: ALT 136, ALKP 1022.

BREED

Lab Mix

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

M/N

Urinary System

The urinary bladder, trigone, and cystourethral junction exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

AGE

11 years

No overt pathology was noted in the area of the residual prostate.

WEIGHT

59 lbs.

No evidence of pathology in the area of the aortic trifurcation.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 6.4 cm in length. The right kidney measured 6.9 cm in length.

Adrenal Glands

Both adrenal glands were overtly normal in size, position, and shape with subtle nonhomogeneous adrenal parenchyma subjectively. No evidence of adrenal tumors or overt adrenomegaly was noted. The left adrenal gland measured 0.47 cm width and the right adrenal gland measured 0.61 cm width.

IMAGING PERFORMED BY

Mack E

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.

HOSPITAL NAME

Northside Veterinary
Clinic

REFERRING VET

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Liver/ Gallbladder

The liver exhibited subjective mild enlargement. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. Normal hepatic vascular volume was noted. No evidence of hepatic masses or nodules. The gallbladder was non-distended in size containing anechoic content with mild echogenic gallbladder sediment. No evidence of gallbladder inflammatory criteria was noted. The cystic and common bile ducts were normal.

INVOICE

17081

DATE

6/13/23



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Gastrointestinal

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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.

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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.

BREED

Lab Mix

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

SEX

M/N

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.

AGE

11 years

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

WEIGHT

59 lbs.

ULTRASONOGRAPHIC FINDINGS

- Nonspecific hepatopathy - subjective benign, sonographically suggestive of vacuolar hepatopathy, potential for low-grade inflammatory hepatopathy, nonobstructive cholestasis, hyperplasia, hematopoiesis, no sonographic evidence of hepatic neoplastic criteria, which is considered unlikely
- Minor gallbladder sediment (non-mucocele)
- Mild chronic renal changes
- Overtly normal bilateral adrenal glands

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assuming normal clotting status, screening hepatic FNA cytology could be considered for further clarification, primarily to assess for evidence of inflammatory criteria. Hepatosupportive medications including Denamarin and Ursodiol, if tolerated, may prove beneficial.

There was no sonographic evidence of adrenal disease in conjunction with a lack of clinical signs suggestive of Cushing's Syndrome.

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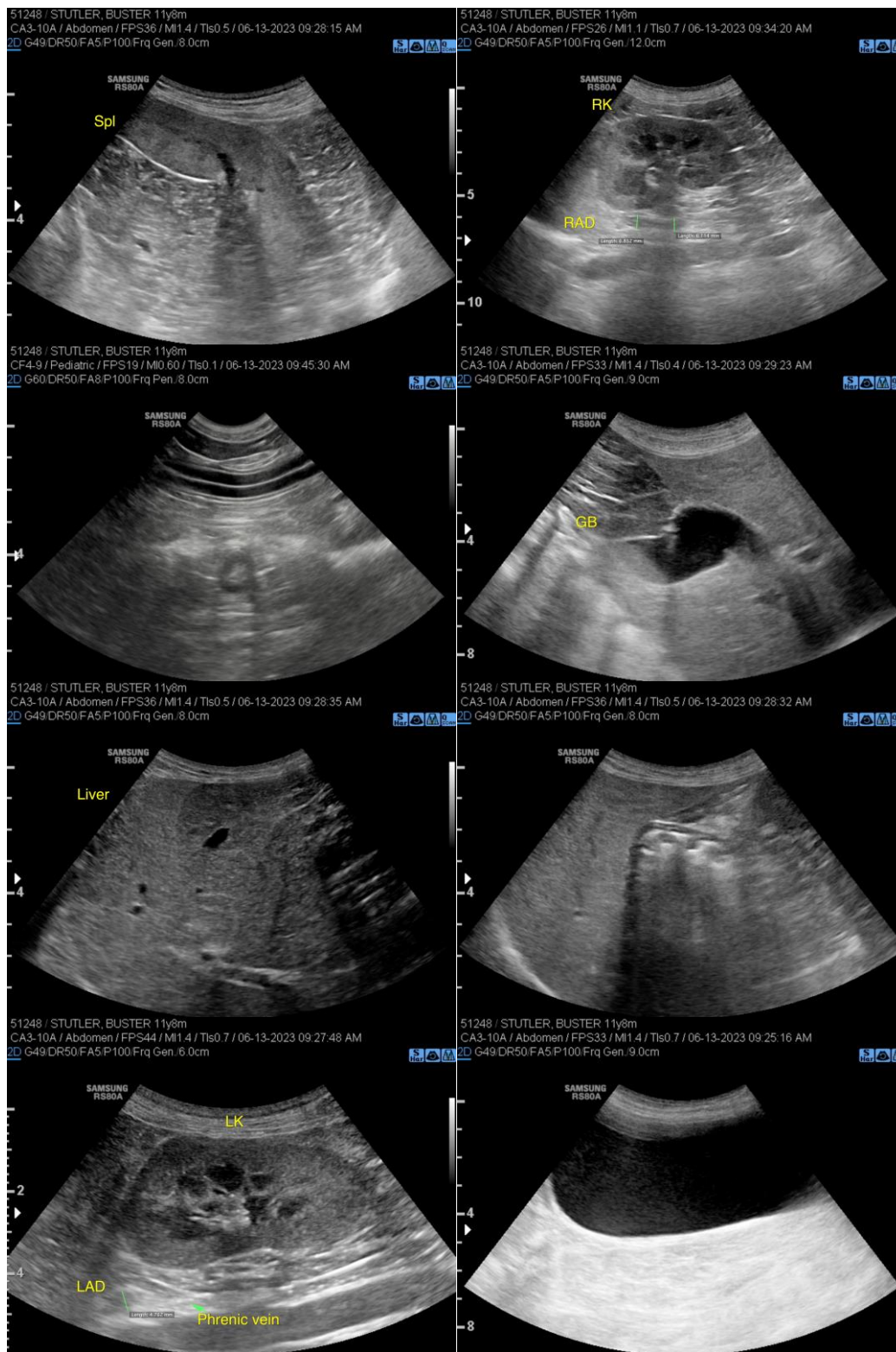
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)
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