



**PATIENT**

Lily Marchlinski

**PRESENTING CLINICAL SIGNS**

Hx. of elevated liver values. Routine abdominal ultrasound.

Abnormal PE/Chem/CBC/UA Results: Labs pending

**SPECIES**

Feline

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

DSH

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm 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 were noted.

**SEX**

FS

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 4.4 cm in length. The right kidney measured 4.5 cm in length.

**AGE**

12

The area of the aortic trifurcation was free of pathology.

**Adrenal Glands**

**WEIGHT**

1

The bilateral adrenal glands were isoechoic to adjacent omentum without overt pathology. The left adrenal gland measured 0.49 cm width. The right adrenal gland measured 0.44 cm width.

**Spleen**

**INTERPRETED BY**

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

The spleen exhibited mild enlargement with 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. The spleen measured 1.3 cm in width at the level of the hilus. Potential patient variant or splenomegaly secondary to sedation if clinically applicable.

**IMAGING PERFORMED BY**

Cassidy Braverman  
CVT

**Liver/Gallbladder**

**HOSPITAL NAME**

Bush Animal Hospital

The liver presented enlarged in size. 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.

**REFERRING VET**

Dr. Beyerinck

The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.

**Gastrointestinal**

**INVOICE**

12847ag

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.

**DATE**

01/31/2023

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



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**Pancreas**

Lily Marchlinski

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 was evident.

**SPECIES**

**Free Abdomen**

Feline

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

**BREED**

Increased intra-abdominal omental fat was present.

DSH

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

- Mild subjective benign splenomegaly
- Mild chronic renal changes
- Hepatic parenchyma remodeling, benign hepatopathy
- Sonographically normal gallbladder/ CBD

FS

**AGE**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

12

Correlation of hepatic presentation with pending lab work is recommended. If persistent/progressive hepatic enzymes, hepatic sampling via ultrasound guided FNA if appropriate clotting status would be ideal however may be precluded given lack of hepatomegaly and patient conformation.

**WEIGHT**

Hepatosupportive medications may prove beneficial if continued evidence of hepatic enzyme elevation. Overall, no evidence of significant abdominal visceral pathology or neoplastic criteria was present.

1

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**HOSPITAL NAME**

Bush Animal Hospital

**REFERRING VET**

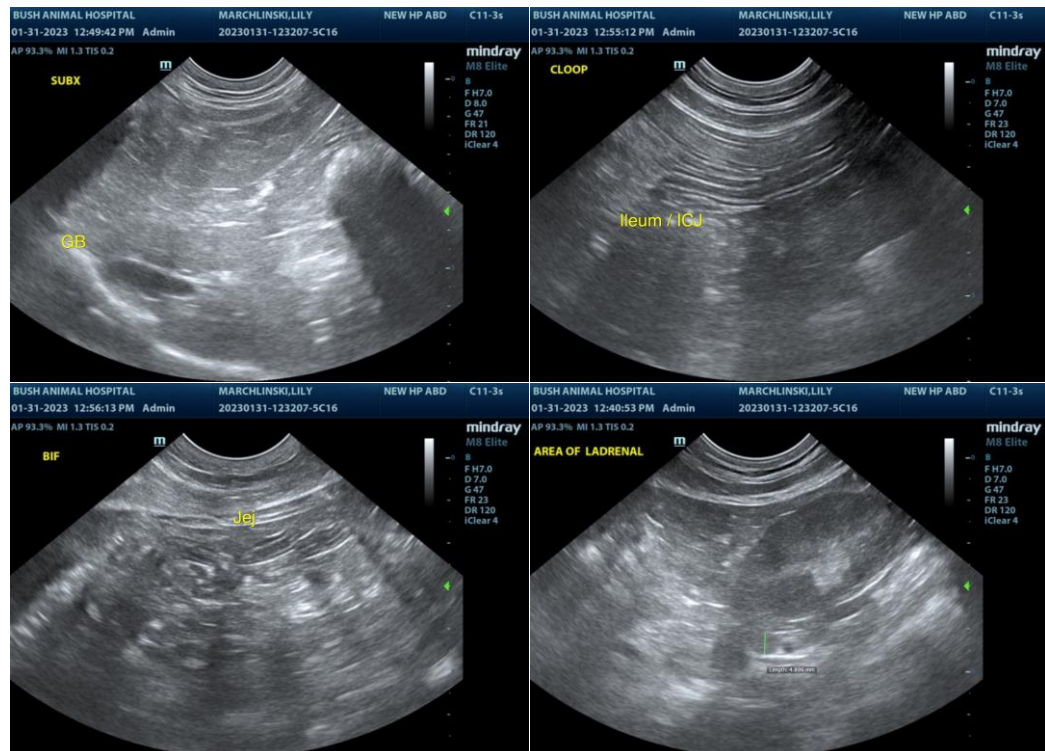
Dr. Beyerinck

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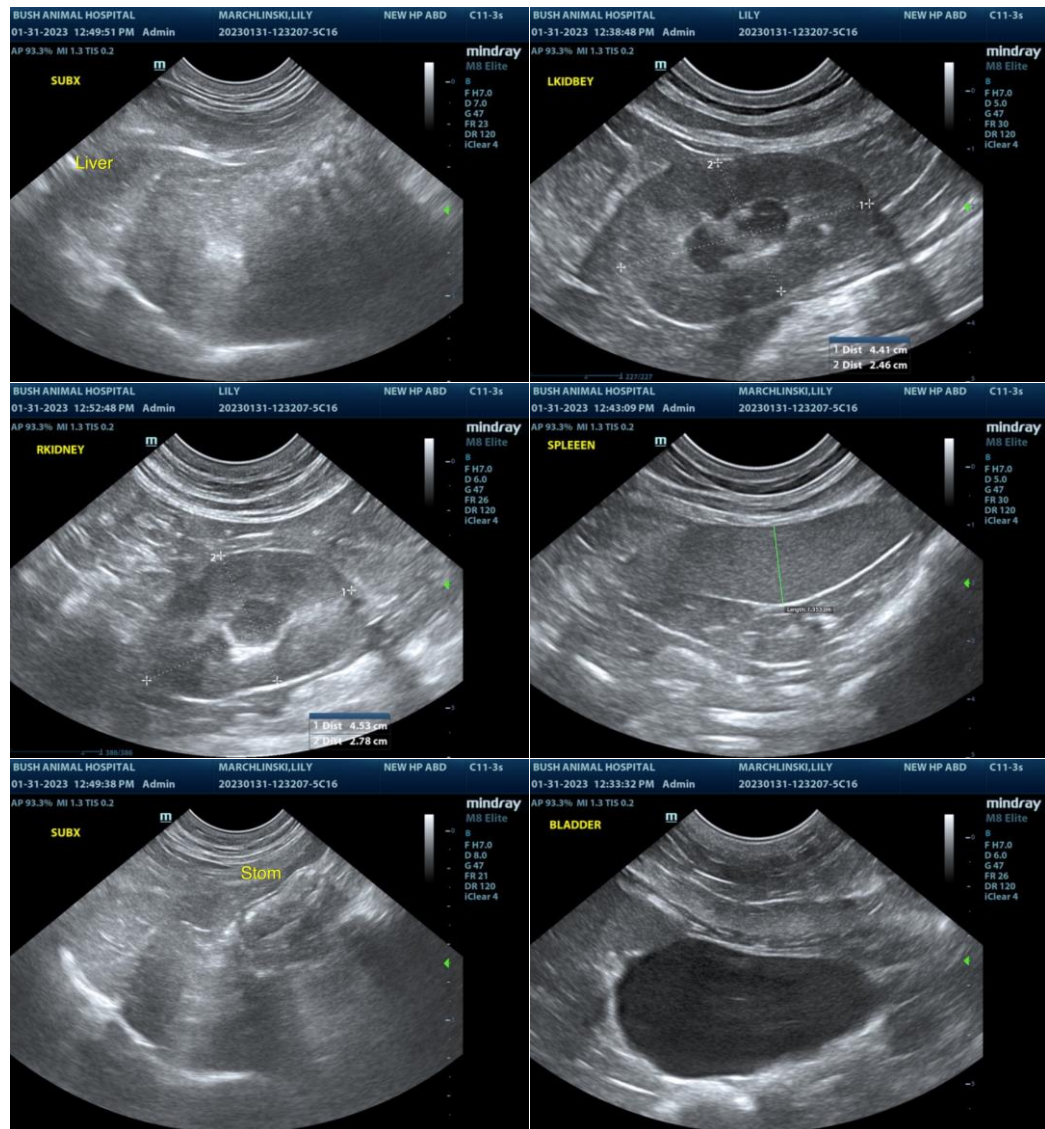
Dr. Beyerinck

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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.

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