



## PATIENT

Viau Sovo

## SPECIES

Canine

## BREED

Terrier Mix

## SEX

Neutered Male

## AGE

7 Years

## WEIGHT

15.6

## INTERPRETED BY

R. McKenzie Daniel,  
DVM, DABVP (Canine  
/ Feline Practice)

## IMAGING PERFORMED BY

Marco Litchfield

## HOSPITAL NAME

Sova Animal Hospital

## REFERRING VET

Dr. Sovo

## INVOICE

14772

## DATE

04/01/26

## PRESENTING CLINICAL SIGNS

Pet has a history of hepatomegaly. Pet is having scan done for a dental procedure.

Abnormal PE/Chem/CBC/UA Results: HCT 63, HGB 20.8. UA S.G 1.052, Protein 2+ and BILI 2+

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### *Urinary System*

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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 change were noted.

The area of the residual prostate appeared normal and free of pathology.

The area of the aortic trifurcation was free of pathology.

Normal size and margination was 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. The left kidney measured 4.7 cm in length. The right kidney measured 4.7 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 0.55 cm width at the caudal pole.

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.52 cm width at the caudal 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.

### *Liver & Gallbladder*

The liver presented moderately 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.

The gallbladder was non distended in size with minor nondependent nonorganized biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

### *Gastrointestinal*



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The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained echogenic, mild nonshadowing ingesta (consistent with mild food echogenicity) and lumen gas without signs of 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.

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

**SEX**

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**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 was evident.

**AGE**

7 Years

**Free Abdomen**

No overt lymphadenopathy or peritoneal effusion was present.

**WEIGHT**

15.6

**ULTRASONOGRAPHIC FINDINGS**

- Hepatomegaly.
- Minor gallbladder debris (non-mucocele).
- Normal adrenal glands/kidneys.

**INTERPRETED BY**

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

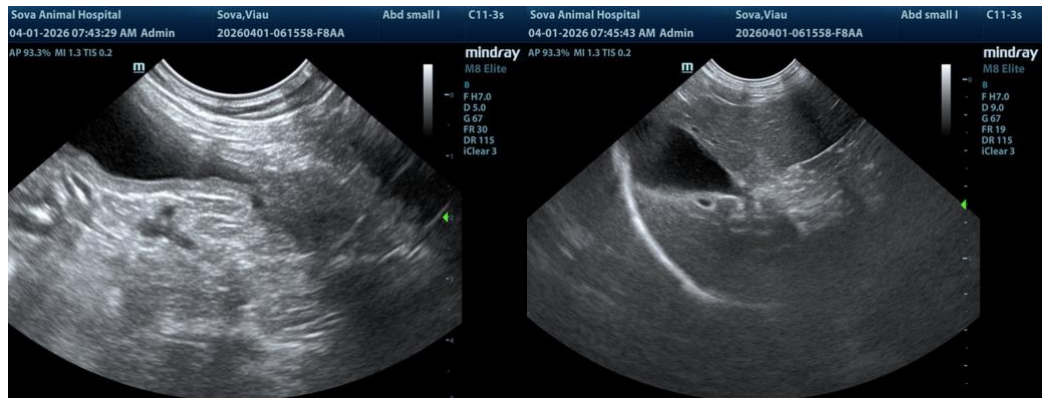
The hepatomegaly is most consistent with benign criteria although non-specific. No evidence of hepatobiliary or abdominal neoplastic criteria. Monitoring of hepatic parameters and hepatosupportive medications, if clinically indicated is recommended. No evidence of adrenal pathology as a contributing factor to the hepatomegaly in conjunction with adequate urine specific gravity. Screening UPC level may be considered if persistent proteinuria and lack of urine sediment. No anesthetic contraindications assuming normal albumin, glucose, BUN and cholesterol levels.

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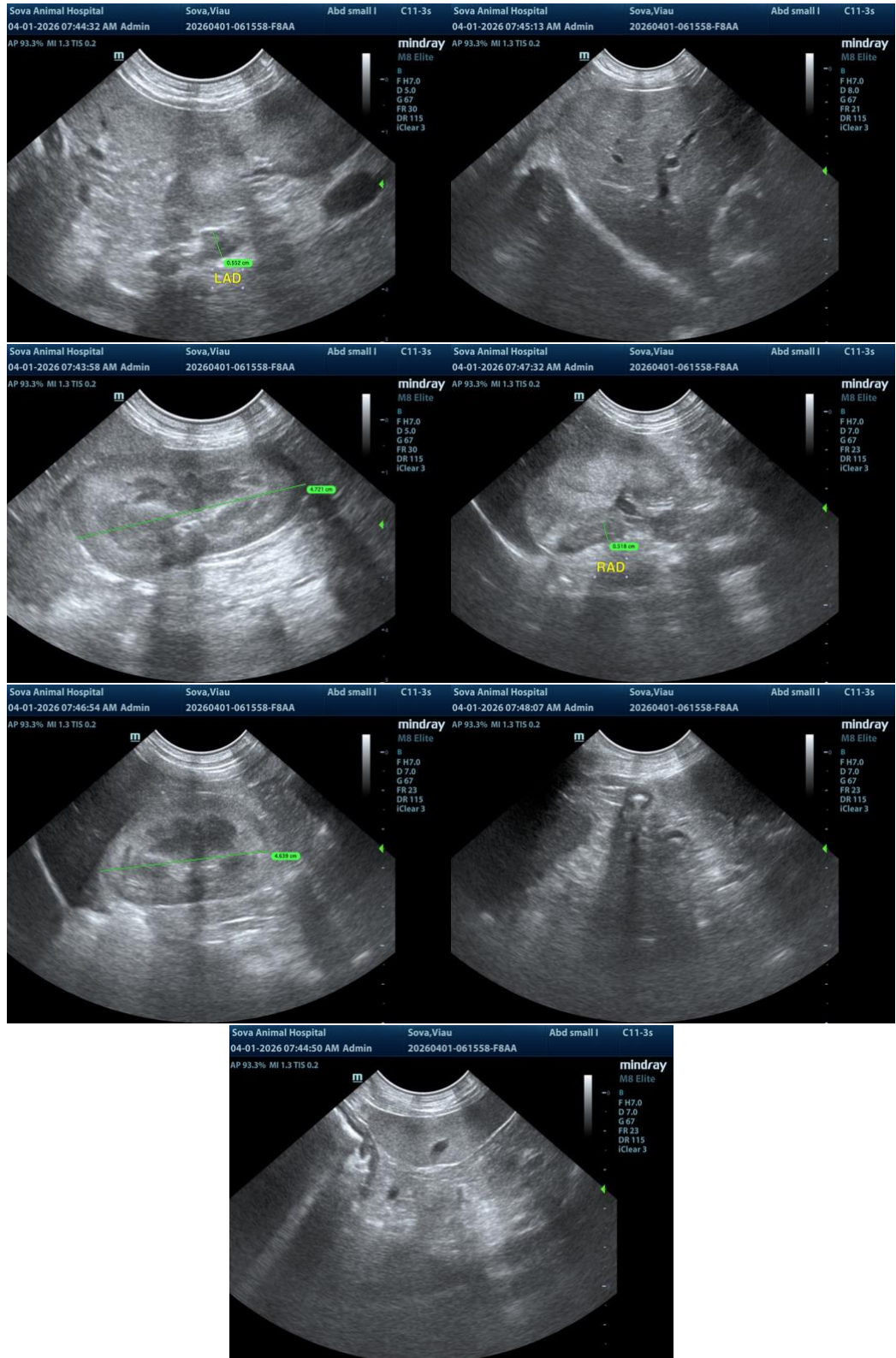
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)

[info@SonoPath.com](mailto:info@SonoPath.com)