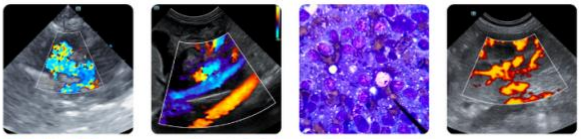

PATIENT

Enzo Cozzolino

SPECIES

Canine

BREED

Shih Tzu

SEX

Neutered Male

AGE

12 Years 7 Months

WEIGHT

16.2

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Sarah Dunn

HOSPITAL NAME

All Creatures Small Animal Hospital

REFERRING VET

Dr. Sarah Dunn

INVOICE

13909

DATE

02/20/26

PRESENTING CLINICAL SIGNS

- Cushing's diagnosis 2/3/26
- ALP elevations chronic
- Started Vetoryl 10mg Q12 became lethargic and inappetent ACTH stim and US recommended
- ACTH completed 2/19/26 showed too low of Vetoryl dosage, would like clear US prior to adjustment of medication or further Dx.

Abnormal PE/Chem/CBC/UA Results: Chem ALKP 537 (23-212) {prev. 334 on 6/30/25} on 2/2/26 Cortisol Rest: 0.9 (1-6) 4Hr: 5.9 8Hr: 8.4 on 2/4/26 ACTH Pre: 9.9 (1.5-6) Post: 13.2 (1.5-6) on 2/19/26 CBC/Lytes/SDMA/T4 also performed on 2/2/26 WNL

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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 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 4.3 cm in length. The right kidney measured 4.4 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 0.61 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 0.59 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 mildly 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

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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 mild congealed gallbladder neck biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

Gastrointestinal

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.

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

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.

Free Abdomen

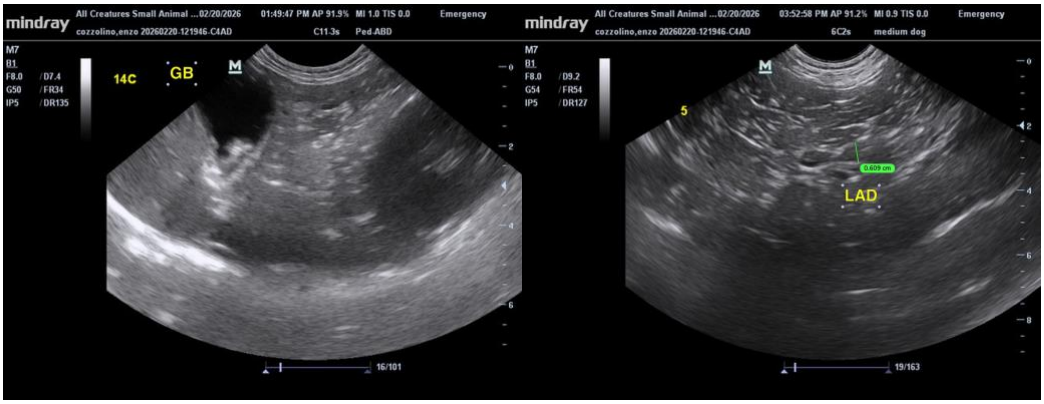
No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

- Benign hepatopathy pattern- consistent with vacuolar/steroid hepatopathy.
- Normal bilateral adrenal glands,
- Mild congealed gallbladder debris (non-mucocele).
- Age-related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of significant visceral pathology such as adrenal tumors. Bilateral adrenal glands are most consistent with pituitary dependent hyperadrenocorticism. Hepatosupportive medications may prove beneficial.



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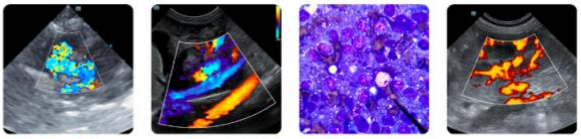

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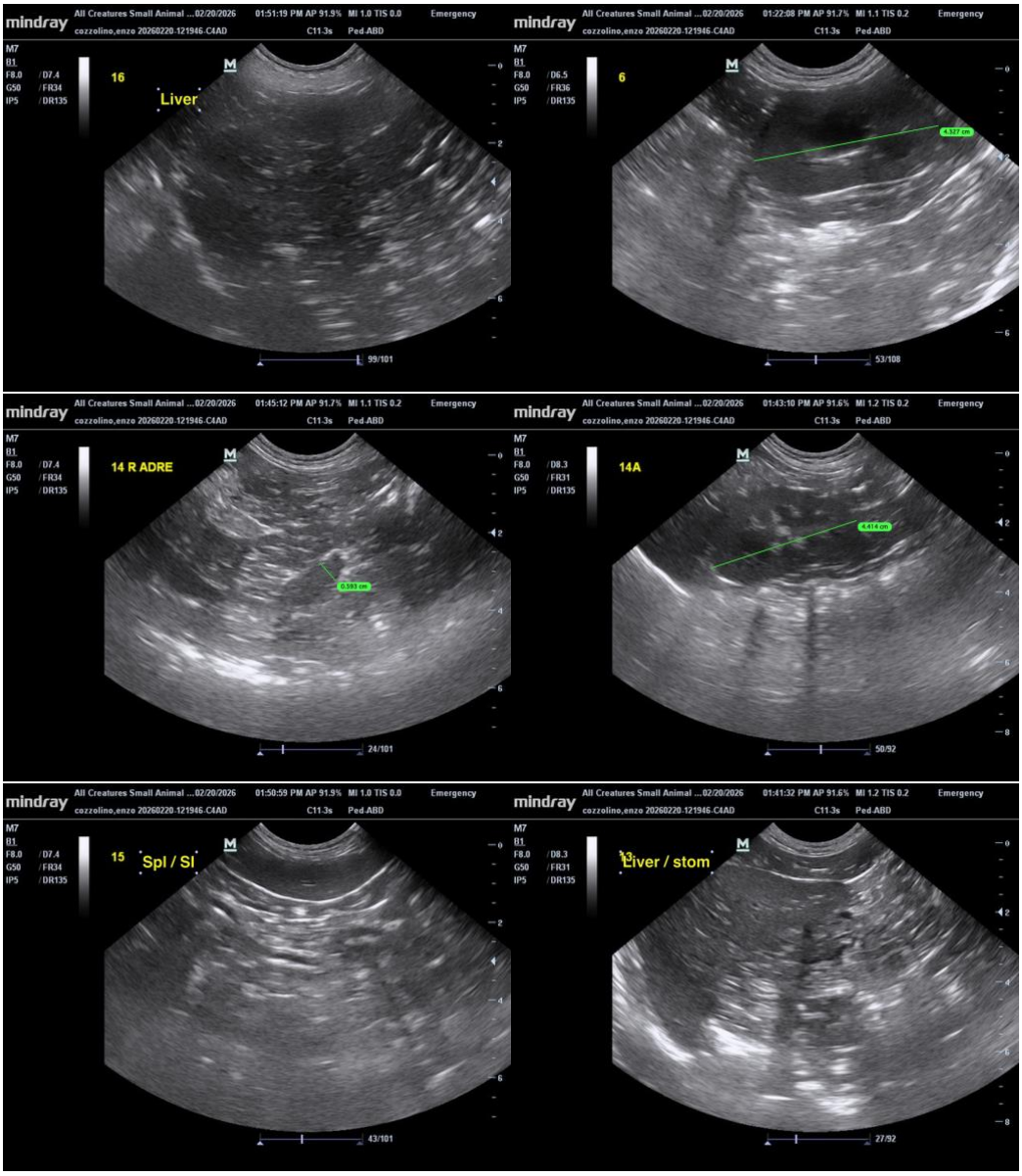

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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