



PATIENT PRESENTING CLINICAL SIGNS

Coco Ged
History of immune mediated CNS disease causing tremors. Controlled now, and only getting 5mg of Prednisolone twice a week. Takes Vetmedin and Atopica as well. Recent screening BW showed Alk phos of 549, GGT of 15, Chol 459, and Triglycerides 4074 (but went down to 923 (still high) on an overnight fasted sample. We want to rule out hepatopathy, gall bladder disease, Cushing's disease, Pancreatitis, other, before saying it is from the low dose chronic steroids.

SPECIES

Canine

BREED

Malshippoo

SEX

Spayed Female

AGE

11 Years 7 Months

WEIGHT

13.6 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Anthony Krawitz

HOSPITAL NAME

Calusa Vet Center

REFERRING VET

Dr. Anthony Krawitz

INVOICE

44632

DATE

8/14/23

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of – 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.

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 4.0 cm. The right kidney measured 4.6 cm.

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.4 cm length x 0.46 cm at the caudal pole. The right adrenal gland measured 1.5 cm length x 0.36 cm 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

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. The gallbladder was non-distended in size with primarily anechoic luminal content. Minor echogenic debris noted in the caudal lumen in the area of the gallbladder neck. The gallbladder wall was sonographically normal. No evidence of gallbladder or peripheral gallbladder inflammatory criteria. The cystic and common bile ducts were normal.

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.



PATIENT

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

Coco Ged

Pancreas

SPECIES

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.

Canine

BREED

ULTRASONOGRAPHIC FINDINGS

Malshippoo

- Benign hepatomegaly – sonographically consistent with vacuolar hepatopathy pattern.
- Minor gallbladder sediment (non-mucocele)
- Mild chronic renal changes
- Normal bilateral adrenal glands

SEX

Spayed Female

AGE

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

11 Years 7 Months

No evidence of significant visceral pathology, including no evidence of overt or significant hepatic structural pathology, post-hepatic obstruction, or adrenomegaly. Hepatosupportive medications including Denamarin and Ursodiol (if tolerated) may prove beneficial. A low-fat diet may be considered if persistent hyperlipidemia.

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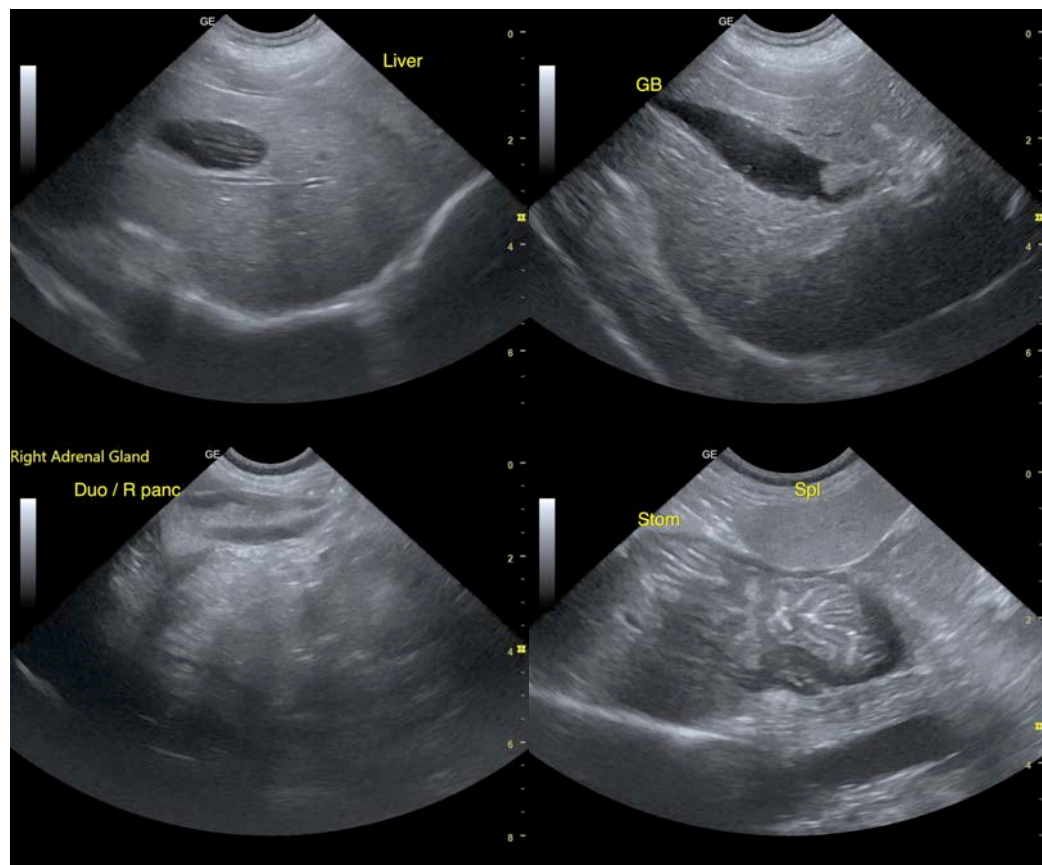
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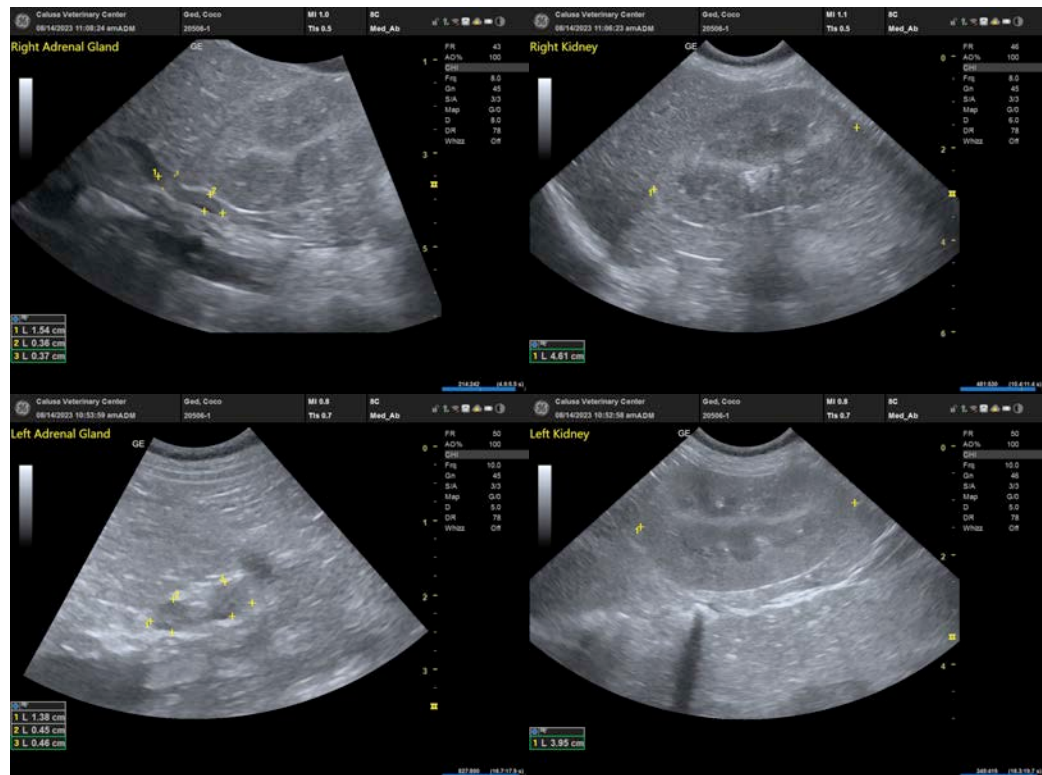
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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