



PATIENT

BRANDON
FRANCOIS-JOHNSON

SPECIES

Canine

BREED

Maltipoo

SEX

MN

AGE

6yr

WEIGHT

19.2lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr Rivera

HOSPITAL NAME

DPC Veterinary

REFERRING VET

Dr Rivera

INVOICE

24913

DATE

05/22/2026

PRESENTING CLINICAL SIGNS

HX of seizures and they have been picking up more frequently - has had 4 in the past week and the last one 4/26/26 (2 days ago) - lasting less than a min

Pet has "pot-belly" appearance, patchy hairloss -noticed since January and has been PU./PD for about a year now

Abnormal PE/Chem/CBC/UA Results: Results: 1) CBC: NEU 10223 (3004-9741), MONO 959 (145-736) 2) CHEM: ALT 413 (18-121) was 308, ALP 1130 (5-160) was 1189, GGT 30 (0-13) was 18, CHOL 433 (131-345) 3) UA: not obtained 4) TT4: WNL

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no evidence of urine/lumen sediment, mineral, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

Normal size and margination were 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 4.4 cm in length. The right kidney measured 4.5 cm in length.

The area of the aortic trifurcation was free of pathology.

The residual prostate appeared normal and free of pathology

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.36 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.46 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 mild to 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. Normal vascular volume. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in



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appearance without signs of congestion. The gallbladder was non-distended in size with mild non-organized debris. 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 contained non-shadowing chyme and fluid 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 mechanical/metabolic 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 omental masses, overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

Primary

- Hepatopathy with normal hepatic vascular volume
- Mild gallbladder debris (non-mucocele)
- Normal bilateral adrenal glands

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of adrenal pathology, i.e. enlargement or tumors. The hepatopathy suggests benign criteria, although non-specific vacuolar cholestatic hepatopathy with potential for primary or concurrent non-specific inflammatory hepatopathy or combination suspected. No evidence of abdominal neoplastic criteria.

Further assessment may include hepatic FNA cytology, assuming normal clotting status. Adrenal workup warranted in conjunction with patient clinical signs despite lack of adrenal pathology.

Hepatosupportive medications may prove beneficial. Correlation with UA is recommended. No evidence of hepatic vascular anomaly. Assessment of hepatic function with bile acid profile +/- leptospirosis titer/ PCR may be considered.



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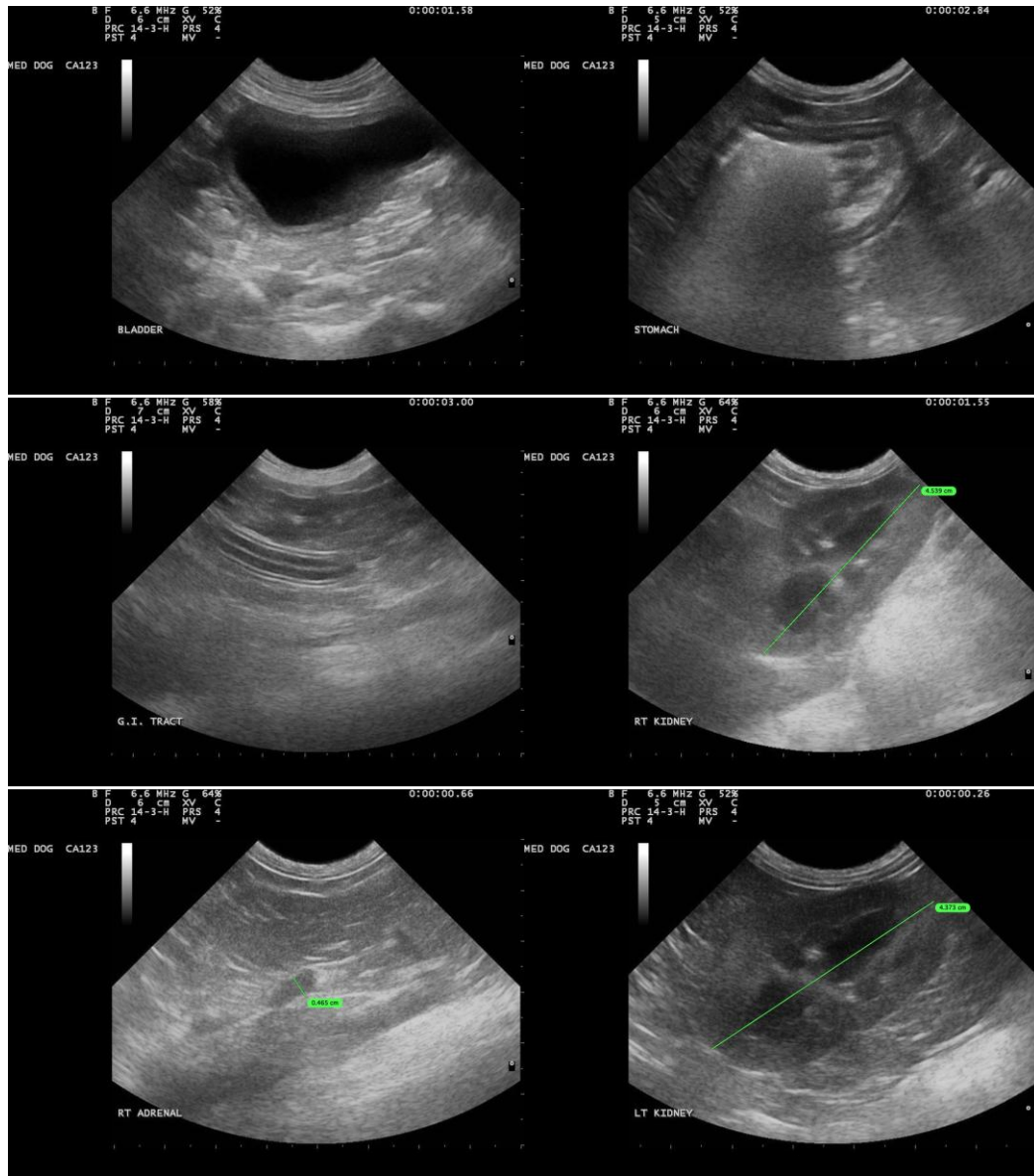
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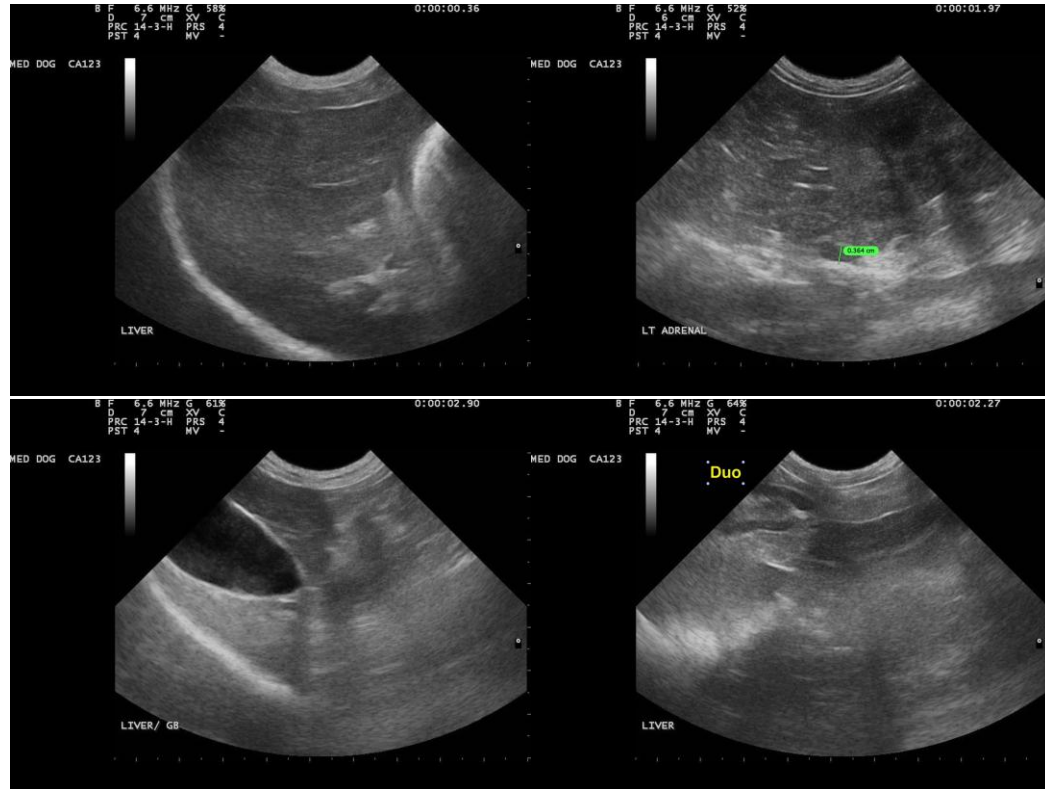
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
info@sonopath.com