



PATIENT

Fiona Plumley

SPECIES

Canine

BREED

Pyreneese Mix

SEX

Female Spayed

AGE

11y

WEIGHT

102.8 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Roriguez

HOSPITAL NAME

Foxfield VS

REFERRING VET

Rodriguez

INVOICE

13125

DATE

1/24/26

PRESENTING CLINICAL SIGNS

History:

- Work up for Cushing's disease, PU/PD

Abnormal PE/Chem/CBC/UA Results: ALT: 238, ALK: 158, chol: 537, Trig: 333, PLS: 204, T4: 0.6
Urine SG: 1.008,

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4.0 cm exhibited normal thickness and tone. Primarily anechoic urine was present in the lumen. Mild, non-dependent, echogenic to particulate sediment was present without evidence of calculus formation. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic mural changes were noted.

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 7.0 cm in length. The right kidney measured 6.6 cm in length.

Adrenal Glands

The bilateral adrenal glands were mildly enlarged in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 0.91 cm width in the caudal pole. The right adrenal gland measured 1.1 cm width in 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 exhibited mild hepatomegaly. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. Mildly expansive mid caudal mixed echogenic to non-uniform, hyperechoic mass was present measuring 4.6 cm in diameter. The gallbladder was non distended in size with moderate, non-organized, primarily peripheral echogenic, nonmineralized lumen debris. The common biliary duct was not visualized.



PATIENT

Fiona Plumley

SPECIES

Canine

BREED

Pyreneese Mix

SEX

Female Spayed

AGE

11y

WEIGHT

102.8 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Roriguez

HOSPITAL NAME

Foxfield VS

REFERRING VET

Rodriguez

INVOICE

13125

DATE

1/24/26

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

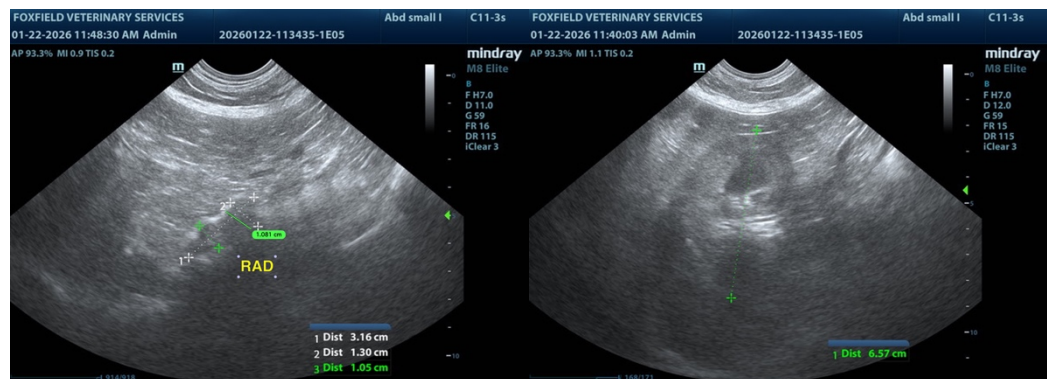
No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

- Mild urine sediment
- Mild chronic renal changes
- Mildly enlarged non-homogeneous adrenal glands, bilateral hyperplasia or adenomatous change probable
- Mildly enlarged non-homogeneous liver with mid caudal intraparenchymal mass – vacuolar changes, hyperplasia, granuloma or combination possible
- Non-organized gallbladder debris (non-mucocele)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The urinary bladder sediment may suggest cellular / crystalline debris or mucus. Cystocentesis for UA +/- C/S if evidence of inflammatory cells is recommended. LDDST warranted given patient's clinical signs combined with adrenal presentation. Assuming normal clotting status and if accessible, hepatic mass FNA cytology recommended for further clarification. Hepato-supportive medications may prove beneficial.





PATIENT

Fiona Plumley

SPECIES

Canine

BREED

Pyreneese Mix

SEX

Female Spayed

AGE

11y

WEIGHT

102.8 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Roriguez

HOSPITAL NAME

Foxfield VS

REFERRING VET

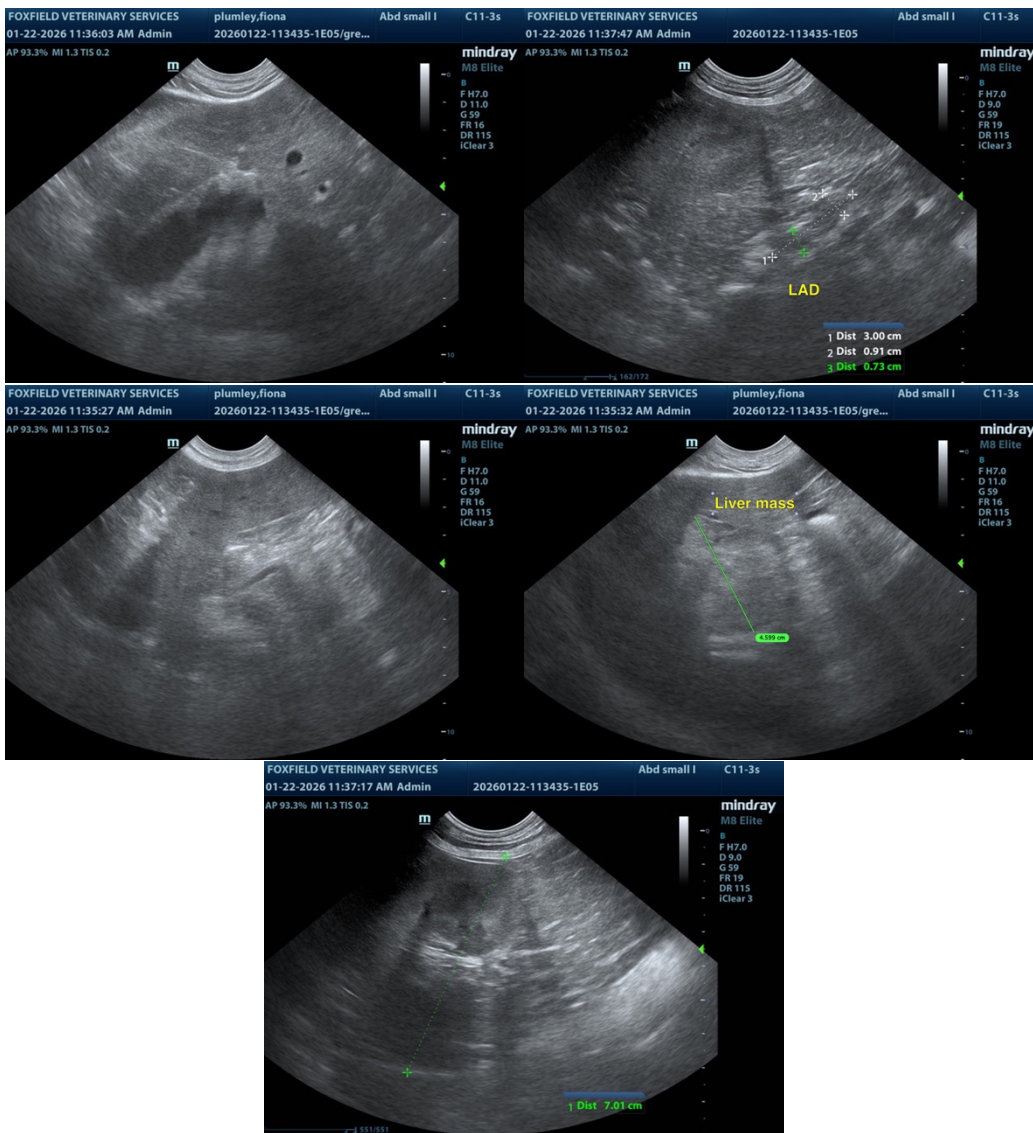
Rodriguez

INVOICE

13125

DATE

1/24/26



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