

PATIENT

Peyton Thompson

PRESENTING CLINICAL SIGNS

Weight loss; poor appetite. BW WNL. On mirtazapine

SPECIES

Feline

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 changes were noted.

BREED

DMH

No evidence of pathology in the area of the aortic trifurcation.

SEX

FS

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 3.3 cm in length. The right kidney measured 3.5 cm in length. A focal small cortical cyst was present in the cranio-lateral right kidney measuring 0.45 cm width.

AGE

18 Years

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.33 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.28 cm width.

WEIGHT

8 lbs

Spleen

The spleen presented borderline enlarged in size measuring 1.0 cm width. Mild medial folding of the caudal spleen was present. Maintained finely textured homogenous parenchyma and symmetrical capsule contour was present. No splenic masses or nodules noted. 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.

INTERPRETED BY

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

Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Norfolk County
 Veterinary Service

The gallbladder was non distended in size with mild particulate, nonmineralized gallbladder debris primarily in the area of the gallbladder neck. The cystic duct and common bile ducts were normal without evidence of dilation.

REFERRING VET

Christina Poor,
 BVetMed

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. Minor retained nonshadowing ingesta/chyme was present in the stomach with no evidence of ileus, obstruction, or foreign material. The ventral gastric body wall measured 0.21 cm width.

INVOICE

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The small intestine exhibited intact wall layering and primarily maintained 1:3 muscularis/mucosa ratio with subtle propensity for mild mural hypertrophy. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material. The duodenum wall measured 0.28 cm width. The jejunum wall measured 0.27-0.34 cm width. The ileocolic wall measured 0.32 cm width.

DATE

2-4-22

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



PATIENT

Pancreas

Peyton Thompson

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

SPECIES

Free Abdomen

Feline

No omental masses, lymphadenopathy, or peritoneal effusion were present.

BREED

DMH

ULTRASONOGRAPHIC FINDINGS

Primary

SEX

FS

AGE

18 Years

- Mild chronic renal changes with right kidney cortical cyst.
- Borderline splenomegaly with mild folding - nonspecific.
- Mild retained gastric ingesta/chyme.
- Overtly normal small bowel.
- Heterogeneous pancreas.
- Mild gallbladder debris - incidental.

WEIGHT

8 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The borderline splenomegaly was not overly suggestive of neoplastic criteria with considerations including patient variant, mild splenomegaly owing to sedation if clinically applicable, hyperplasia, hematopoiesis, or potential incidental splenitis.

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Given the patient's weight loss, ultrasound guided FNA of the spleen using a 25 gauge needle could be considered for screening cytology primarily to ensure only benign changes are present.

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

Age related pancreatic changes with mild remodeling owing to previous inflammation or low grade to chronic pancreatitis possible. Likewise, potential for structurally insignificant gastrointestinal disease cannot be excluded. Further assessment may include a GI panel to include PLI/TLI/Cobalamin/Folate.

**IMAGING
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If not done, three view chest radiographs suggested to rule out occult thoracic pathology which may account for weight loss in geriatric cats.

Pamela Harrigan, RDCS

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SPECIES

Feline

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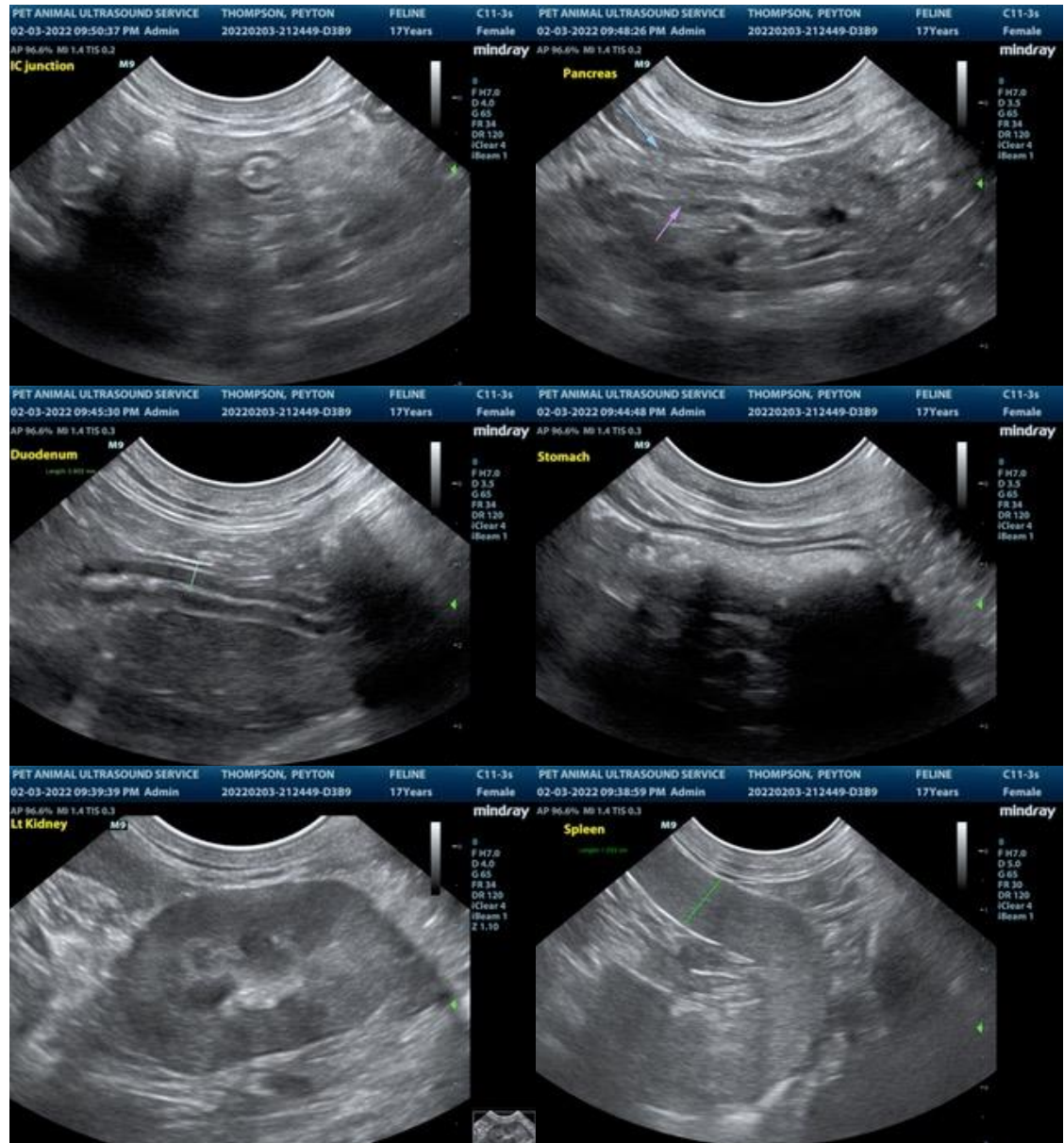
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PATIENT

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SPECIES

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SEX

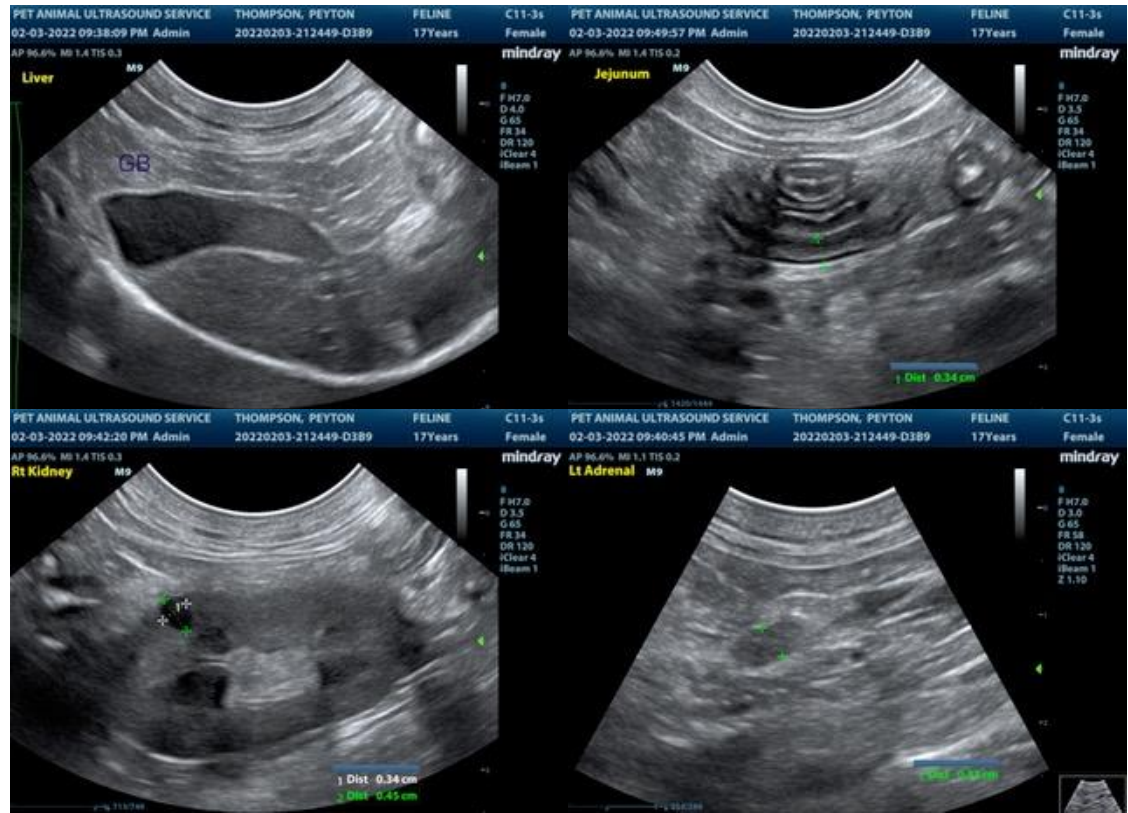
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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