



PATIENT PRESENTING CLINICAL SIGNS

Lily Collier History: Intermittent vomiting x past year, usually before a meal (bile, foam, food). 1 lb weight loss in 8 months. CBC/Chem WNL

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Feline **Urinary System**

The urinary bladder was normal in size and tone. Anechoic urine was present primarily with mild dependent hyperechoic to mineralized sand along with mild nondependent particulate sediment. No evidence of inflammatory mural changes. The urethra was normal to a depth of 2.0 cm. Aortic trifurcation was normal.

BREED

Domestic Shorthair

SEX

Spayed Female

Normal size and margination were 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 3.8 cm in length. The right kidney measured 3.9 cm in length.

AGE

13 Years

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.34 cm.

WEIGHT

12.89 Pounds

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.41 cm width.

INTERPRETED BY

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

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. The spleen measured 1.0 cm in width.

IMAGING PERFORMED BY

Pamela Harrigan, RDMS

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.

HOSPITAL NAME

Falmouth AH

The gallbladder was non distended in size with very mild echogenic luminal debris. The cystic duct and common bile ducts were normal without evidence of dilation.

REFERRING VET

Lilan Hauser, DVM

Gastrointestinal

The stomach presented intact and overtly normal wall layering with a normal wall layer ratio. The lumen of the stomach contained a mild amount of retained anechoic fluid, primarily in the area of the antrum and pylorus. No evidence of retained ingesta, foreign material or mechanical pyloric outflow obstruction. The gastric body wall measured 0.34 cm. The pylorus wall measured 0.28 cm.

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13853

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. The duodenum wall measured 0.23 cm. The jejunum wall measured 0.21 cm. The ileocolic wall measured 0.24 cm.

DATE

2/7/22



PATIENT

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

Lily Collier

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Pancreas

Feline

The pancreas exhibited mild prominent size with asymmetrical contour and hypoechoic parenchyma with potential, although not definitive, subtle nodular changes. Evidence of mild peripancreatic reactive mesentery. No effusion present.

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Free Abdomen

SEX

Intermittent, focal, mildly prominent in size, colic nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). An example of lymph node size measured 0.45 cm width.

Spayed Female

AGE

ULTRASONOGRAPHIC FINDINGS

13 Years

- Mild retained gastric fluid- suspect mild gastritis and metabolic gastric stasis
- Prominent hypoechoic to potential indistinctly nodular pancreas- probable mild active to chronic active pancreatitis with potential areas of nodular hyperplasia, neoplastic criteria considered unlikely
- Sonographically unremarkable small bowel
- Intermittent, mild subjectively benign, colic lymphadenopathy
- Urinary bladder, mild dependent sand to nondependent particulate sediment

WEIGHT

12.89 Pounds

INTERPRETED BY

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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

Urine culture and sensitivity on sterile urine sample suggested. The clinical signs in this patient are suspected to be owing to mild active to chronic active pancreatitis with concurrent or secondary mild gastritis and gastric stasis. Structurally insignificant inflammatory bowel cannot be definitively excluded. Further assessment may include GI panel to include PLI, TLI, cobalamin and folate. Empirical therapy for mild pancreatitis/gastritis recommended. Sonographic reassessment of the pancreas, in 4-6 weeks recommended to assess for progressive enlargement or parenchymal changes.

IMAGING PERFORMED BY

Pamela Harrigan, RDMS

HOSPITAL NAME

Falmouth AH

REFERRING VET

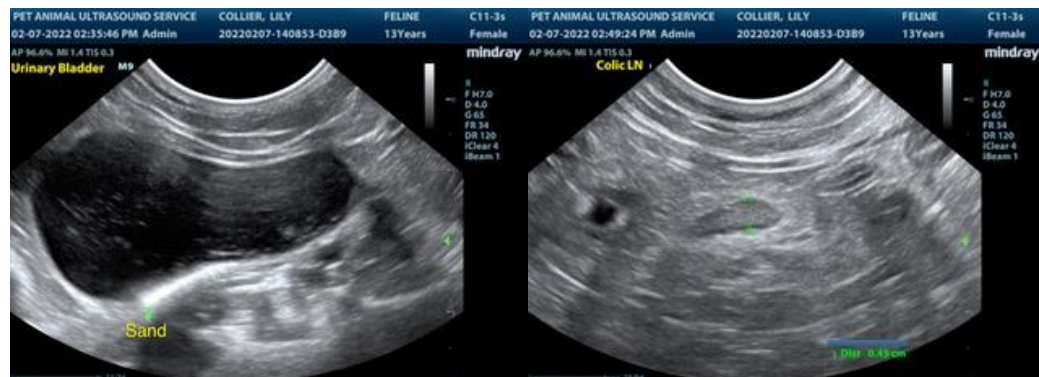
Lilan Hauser, DVM

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SPECIES

Feline

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IMAGING PERFORMED BY

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HOSPITAL NAME

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REFERRING VET

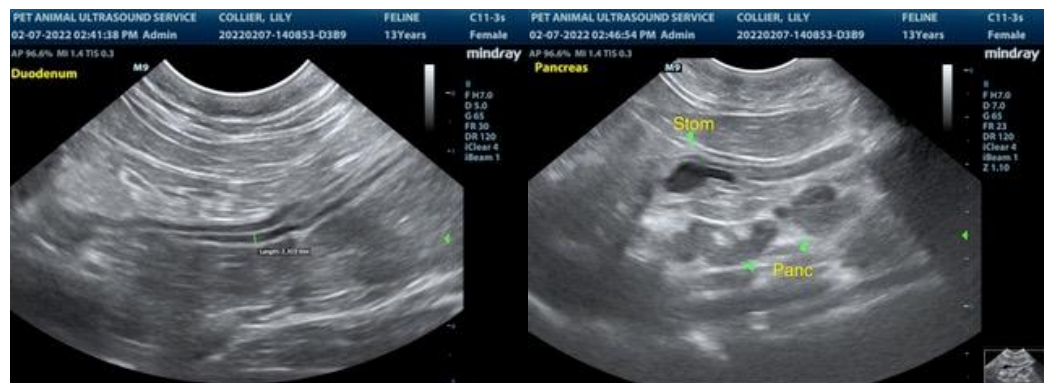
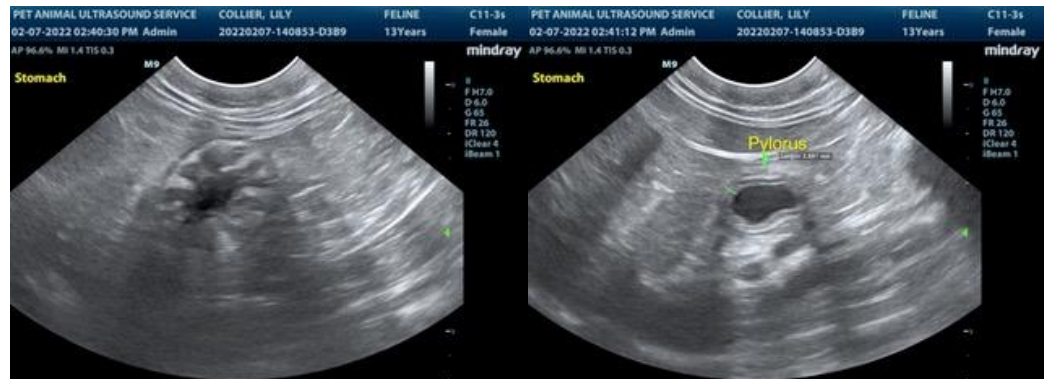
Lilan Hauser, DVM

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The information and recommendations provided are based on the images presented by the



PATIENT

Lily Collier

referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Feline

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.

BREED

Domestic Shorthair

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

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Spayed Female

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