



PATIENT PRESENTING CLINICAL SIGNS

Sophie Yarger History: Vomiting, weight loss, decreased appetite Denamarin
 Abnormal PE/Chem/CBC/UA Results: ALT 183 BUN 41

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Feline

Urinary System

BREED

Siamese

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with very minor particulate sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

Spayed female

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 mildly increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. Minor areas of medullary mineralization were present in both kidneys. No evidence of pelvic dilation was present. The left kidney measured 3.0 cm in length. The right kidney measured 3.8 cm in length.

AGE

13 years

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

WEIGHT

8.8 pounds

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.25 cm width. No overt pathology in the area of the right adrenal gland.

Spleen

INTERPRETED BY

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

The spleen exhibited mild generalized enlargement with symmetrical yet rounded contour and generalized parenchymal heterogeneity with subtle micronodular parenchyma. No distinct splenic masses noted. The spleen measured 1.4 in width at mid spleen.

Liver

IMAGING PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

The liver was subjectively mildly enlarged with normal structure and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The common bile duct was dilated and tortuous without overt post hepatic obstruction and did not appear to extend to the level of the duodenal papilla measuring 0.2 cm in width.

HOSPITAL NAME

Littlestown Veterinary
 Hospital

Gastrointestinal

REFERRING VET

Dr. Wimer

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 gastric wall measured 0.25 cm.

INVOICE

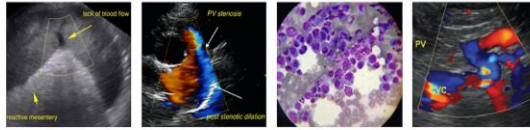
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The small intestine presented primarily intact wall layering with 1:3 muscularis/mucosa ratio with segmental propensity for mildly prominent muscularis layer. No overt evidence significant intestinal mural hypertrophy, loss of intestinal wall layering or intestinal masses. The duodenum wall measured 0.24 cm. The jejunum wall measured 0.29 cm. The ileocolic wall measured 0.35 cm.

DATE

03/18/2022

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



PATIENT *Pancreas*

Sophie Yarger The left limb, right limb, and base of the pancreas presented hypoechoic to heterogeneous echogenicity compared to adjacent omental fat. Mild asymmetrical capsule margination was present with mild variable parenchymal swelling and mild peripancreatic reactivity / inflammation. No overt evidence of neoplasia.

SPECIES

Feline *Free Abdomen*

BREED

Intermittent subtly prominent mesenteric lymph nodes were observed, not consistent with inflammatory or neoplastic criteria. No peritoneal effusion was noted.

Siamese

ULTRASONOGRAPHIC FINDINGS

SEX

- Splenomegaly exhibiting heterogeneous to discretely micronodular parenchyma.
- Non homogeneous liver.
- Mild non obstructive proximal common bile duct dilation.
- Chronic active pancreatitis pattern.
- Suspect inflammatory enteropathy.
- Mild chronic renal changes with pinpoint to minor medullary mineral.

Spayed female

AGE

13 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

8.8 pounds

The splenic presentation may indicate age related or benign changes such as discrete nodular hyperplasia, hematopoiesis, incidental splenitis, splenic neoplasia i.e. round cell, mast cell or other, could be possible. Potential for triad disease may be a top differential in this patient assuming no evidence of hepatosplenic neoplasia. A GI panel to include PLI/TLI/Cobalamin/Folate is recommended for further assessment.

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Pending additional diagnostics and assuming no evidence of hepatosplenic neoplasia, triad disease protocol with as needed gastrointestinal support may prove beneficial.

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PATIENT

Sophie Yarger

SPECIES

Feline

BREED

Siamese

SEX

Spayed female

AGE

13 years

WEIGHT

8.8 pounds

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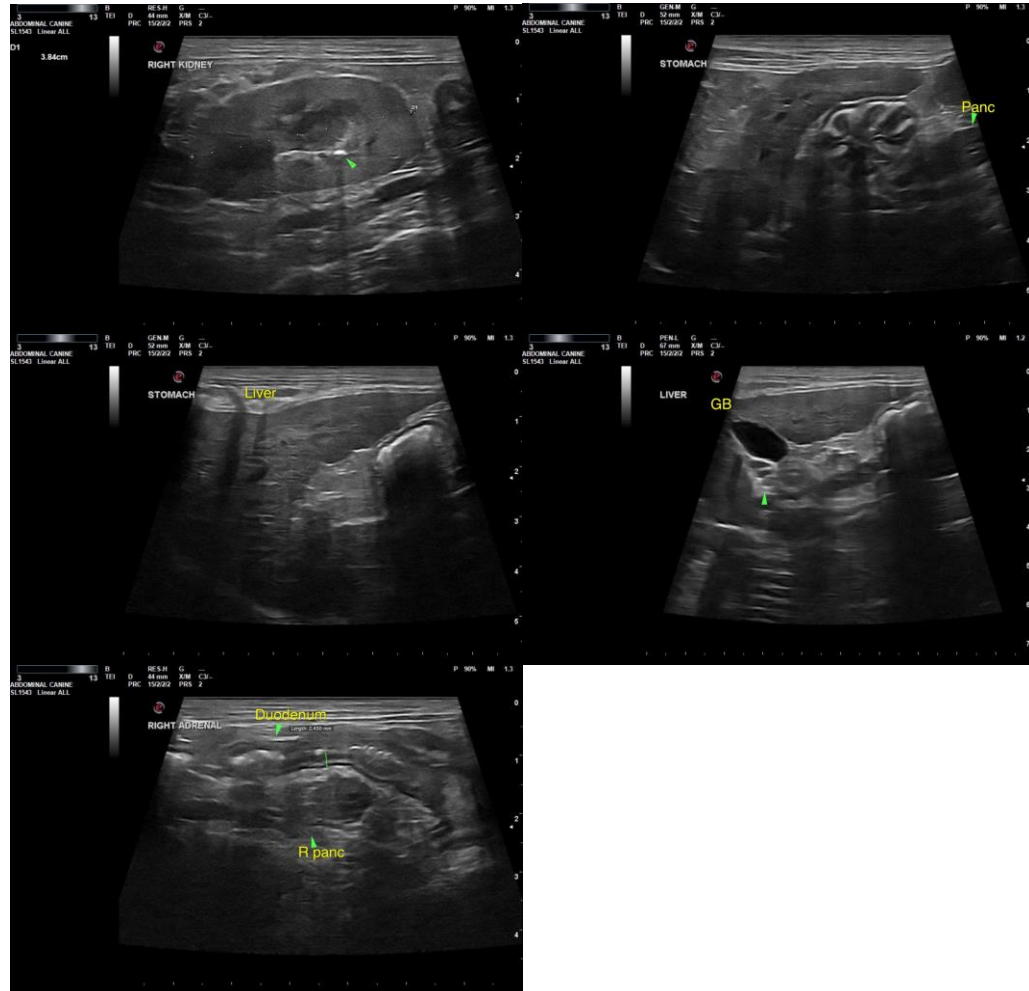
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)

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