



PATIENT

Lily Abernathy

SPECIES

Feline

BREED

DLH

SEX

Spayed Female

AGE

6 Years

WEIGHT

10.34 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Trae Cutchin

HOSPITAL NAME

Friendship Springs VC

REFERRING VET

Dr. Trae Cutchin

INVOICE

25781

DATE

9/24/21

PRESENTING CLINICAL SIGNS

Vomiting for 1 to 2 weeks, one episode of diarrhea.

Abnormal PE/Chem/CBC/UA Results: Cranial to mid-abdominal mass. CBC and chems within normal limits except slight increase in HCT and albumin believed to be mild hemoconcentration. Abdominal radiographs show increased dilation of the small intestine especially distally, appears to be mostly fluid filled gut with only occasional gas bubbles seen. Distal obstruction suspected.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm 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.

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 3.6 cm. The right kidney measured 3.6 cm.

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.38 cm. The right adrenal gland measured 0.26 cm.

Spleen

The spleen exhibited subjective mild enlargement with subtle asymmetrical medial capsule contour, measuring 1.0-1.1 cm in width at the level of the mid spleen. Normal splenic parenchyma echogenicity noted overall with subtle moderate coarse echotexture. No splenic masses or nodules.

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. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. 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 was empty with no signs of ileus, obstruction or foreign material. Gastric body wall measured 0.25 cm.

The intestinal walls demonstrated intact wall layers with diffusely thickened walls and altered 1:3 muscularis / mucosa ratio primarily consisting of muscularis hypertrophy. The small intestine was primarily empty aside from mild to moderate retained non-shadowing chyme present in the distal small intestine, likely distal jejunum and ileum approaching the ileocolic junction. The ileocolic junction exhibited emerging mural hypertrophy with subjective decreased mural echogenicity and intact yet indistinct wall layering. The ileocolic junction measured up to 0.75 cm wall width. Jejunum wall measured up to 0.33 cm wall width. Regional reactive mesentery noted as well as associated mild yet hypoechoic colic lymphadenopathy exhibiting normal width to length ratio of <0.5. Example of lymph node measured 0.4 cm in width.

The proximal colon and visualized descending colon exhibited intact, sonographically unremarkable wall layering. Proximal colon wall measured 0.21 cm.



PATIENT

Pancreas

Lily Abernathy

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.

SPECIES

Feline

Free Abdomen

No overt evidence of effusion.

BREED

DLH

ULTRASONOGRAPHIC FINDINGS

SEX

Spayed Female

- Generalized enteropathy with prominent muscularis layer and mild to moderate retained distal intestinal chyme
- Thickened ileocolic junction/emerging ileocolic mural mass
- Associated regional peri ileocolic reactive mesentery and minor colic lymphadenopathy – suspect associated lymphoid hyperplasia or reactive lymphadenitis. Potential for emerging neoplastic or metastatic lymphadenopathy.

AGE

6 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

General considerations for the small bowel may include inflammatory infiltrative enteropathy such as IBD/eosinophilic enteritis, neoplastic infiltrative enteropathy with round cells such as lymphoma, mast cell neoplasia, or other, or less likely potential for granulomatous enteropathy (dry form FIP). Full thickness intestinal biopsies would be required for definitive diagnosis with potential for resection and anastomosis of possible emerging ileocolic mural mass.

WEIGHT

10.34 Pounds

The mild subjective splenomegaly is non-specific and may indicate patient variant, hyperplasia, hematopoiesis or incidental splenitis. However, given the potential for neoplastic intestinal process, potential for early splenic involvement cannot be excluded. Screening splenic FNA (assuming normal clotting status) may be considered prior to surgical considerations. 3-view chest radiographs suggested.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Trae Cutchin

HOSPITAL NAME

Friendship Springs VC

REFERRING VET

Dr. Trae Cutchin



INVOICE

25781

DATE

9/24/21



PATIENT

Lily Abernathy

SPECIES

Feline

BREED

DLH

SEX

Spayed Female

AGE

6 Years

WEIGHT

10.34 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Trae Cutchin

HOSPITAL NAME

Friendship Springs VC

REFERRING VET

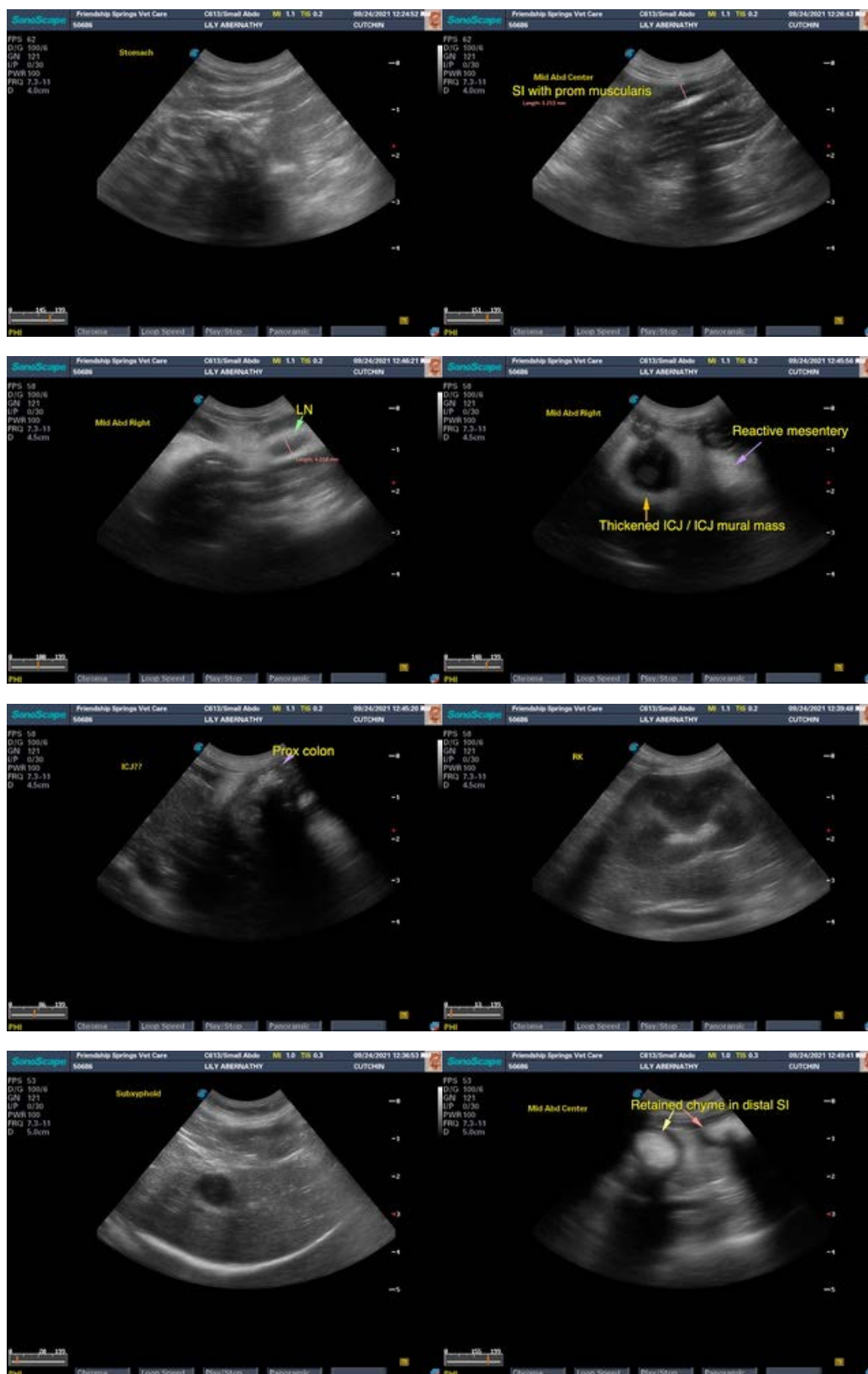
Dr. Trae Cutchin

INVOICE

25781

DATE

9/24/21





PATIENT

Lily Abernathy

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

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

BREED

DLH

SEX

Spayed Female

AGE

6 Years

WEIGHT

10.34 Pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dr. Trae Cutchin

HOSPITAL NAME

Friendship Springs VC

REFERRING VET

Dr. Trae Cutchin

INVOICE

25781

DATE

9/24/21