



PATIENT PRESENTING CLINICAL SIGNS

Lily Carpenter Vomited Sunday. Diarrhea since. Induced vomiting prior to U/S due to food in the stomach. Decreased appetite
Abnormal PE/Chem/CBC/UA Results: N/A

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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.

Lab

SEX

Female

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 6.4 cm. The right kidney measured 5.4 cm.

AGE

8 Months

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

WEIGHT

53 Pounds

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.2 cm length x 0.49 cm at the caudal pole. The right adrenal gland measured 2.3 cm length x 0.66 cm at the caudal pole.

Spleen

INTERPRETED BY

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

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.

IMAGING PERFORMED BY

Dr. Rodriguez

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.

HOSPITAL NAME

Foxfield Vet Services

Gastrointestinal

REFERRING VET

Dr. Rodriguez

The stomach presented intact wall layering with a normal wall layer ratio. The stomach contained a mild amount of retained echogenic fluid and chyme. No overt evidence of gastric foreign material or pyloric outflow obstruction. Gastric body wall measured 0.30 cm.

INVOICE

24862

The small intestine presented intact wall layering with primarily maintained 1:3 muscularis/mucosa ratio. Segmental minor jejunal mucosal speckling was present. The jejunum was primarily empty with segmental mid to caudal abdominal jejunal ileus pattern exhibited by mild jejunal distention containing echogenic, non-shadowing digesta and chyme. An obvious area of mechanical obstruction or shadowing intestinal luminal echo was not evident.

DATE

8/24/21

Normal visible colon wall layers were present with semiformal to nonformed feces, consistent with diarrhea.



PATIENT

Pancreas

Lily Carpenter

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

Free Abdomen

Canine

No evidence of pathology in the area of the uterus or bilateral ovaries if clinically applicable.

BREED

Mid abdominal enlarged mesenteric lymph nodes were present. Example measured 3.1 cm x 1.1 cm. These lymph nodes were homogenous, mildly hypoechoic and smoothly margined. A normal width: length ratio was maintained (<0.5). Evidence of perilymphatic inflammation was evident.

Lab

SEX

No effusion.

Female

ULTRASONOGRAPHIC FINDINGS

AGE

8 Months

- Gastroenteritis pattern, subjectively acute with mild gastric hypomotility and segmental, subjectively non-obstructive jejunal ileus/dietary indiscretion. Gastroenterotoxic insult, infectious gastroenteritis, or other inflammatory gastroenteropathy possible.
- Associated mesenteric reactive lymphadenitis.
- Sonographically unremarkable colon with semiformal to nonformed feces.

WEIGHT

53 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The overall appearance of the gastrointestinal tract and potential colon was most consistent with acute gastrointestinal episode with gastric and segmental jejunal ileus, consistent with likely metabolic inefficient peristalsis. No overt evidence of mechanical obstruction. Therefore, no indication for immediate surgical intervention.

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DVM, DABVP
(Canine and Feline)

Hospitalization with supportive IV fluids to correct potential dehydration or electrolyte abnormalities, as needed gastrointestinal support, Zithromax/Metronidazole combination given the potential for lymphadenitis, and broad-spectrum deworming suggested. Fresh fecal analysis to assess for evidence of giardia suggested. If persistent or recurrent gastrointestinal signs, assessment of serum cobalamin and folate levels and resting cortisol to rule out occult Addison's disease may be considered. Hydrolyzed diet therapy over time may be indicated. Recheck sonogram could be considered if persistent gastrointestinal signs to assess for progressive inflammatory gastrointestinal mural changes or increasing ileus pattern.

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SPECIES

Canine

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Lab

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Female

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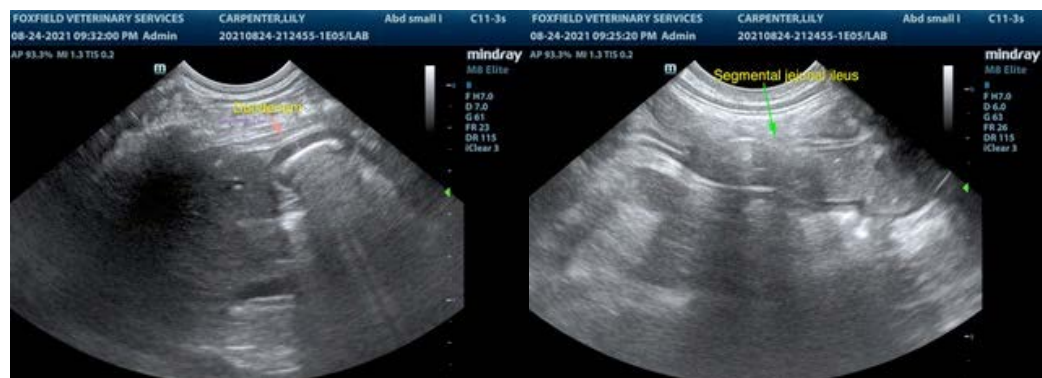
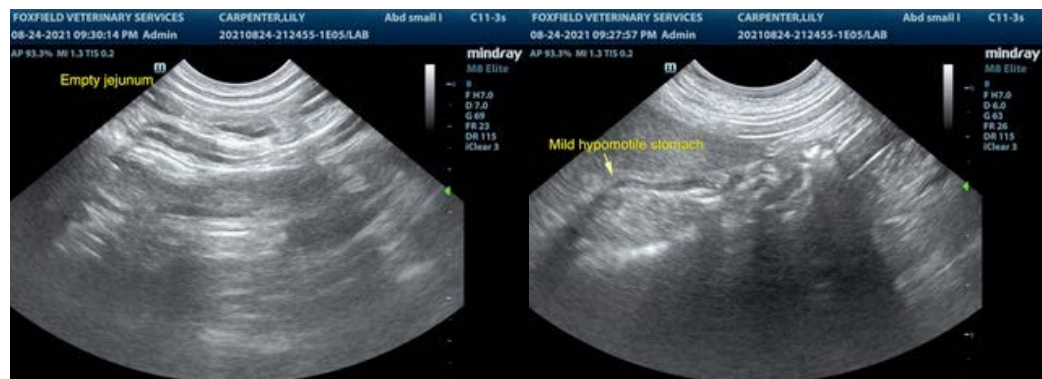
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PATIENT

Lily Carpenter

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

Canine

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

Lab

SEX

Female

AGE

8 Months

WEIGHT

53 Pounds

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