



PATIENT PRESENTING CLINICAL SIGNS

Hazel Malikowski History: Vomiting and diarrhea after boarding. Lethargic. Hx a few years ago of eating socks
Abnormal PE/Chem/CBC/UA Results: WNL

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

Goldendoodle

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 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.

SEX

FS

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 6.7 cm in length. The right kidney measured 6.0 cm in length.

AGE

9 years

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

WEIGHT

50 pounds

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.64 cm width at the caudal pole and 3.0 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.62 cm width at the caudal pole and 2.5 cm length.

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.

IMAGING PERFORMED BY

A. 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 Veterinary
Services

REFERRING VET

Dr. Rodriguez

Gastrointestinal

The stomach presented wall thickening secondary to echogenic mucosa hypertrophy. Intact wall layering was maintained and distinct. Mild gastric distension with primarily anechoic fluid and pockets of luminal gas were present. No evidence of retained fluid, obstruction or foreign material. The pylorus wall measured 0.54 cm in width.

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The intestinal walls demonstrated intact wall layering and maintained 1:3 muscularis / mucosa ratio. The mucosa exhibited mild decreased echogenicity with occasional mucosal speckling. A segmental to diffuse ileus pattern consisting of mild fluid and intestinal gas in the intestinal lumen was present without obstruction or foreign material.

DATE

04/28/2022



PATIENT

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The colon walls presented intact yet prominent wall layering with mild thickened to echogenic submucosa. Intermittent semi formed to soft feces was present in the colon lumen with lumen dilation.

Pancreas

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Canine

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.

BREED

Goldendoodle

Free Abdomen

No peritoneal effusion was present.

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Focally enlarged mid abdominal mesenteric lymph nodes were present. These lymph nodes were homogenous, mildly hypoechoic and smoothly marginated. A normal width: length ratio was maintained (<0.5). Evidence of perilymphatic inflammation was evident. An example of lymph node size was 5 cm length x 0.91 cm width.

AGE

9 years

ULTRASONOGRAPHIC FINDINGS

- Acute gastroenterocolitis pattern exhibiting mild nonobstructive segmental jejunal ileus.
- Associated intermittent benign/reactive mesenteric lymphadenopathy-reactive hyperplasia or minor lymphadenitis likely.

WEIGHT

50 pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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

No overt evidence of gastroenterocolic foreign material of mechanical obstructive pattern was noted. Dietary indiscretion, gastroenterotoxic insult, infectious or other gastroenteropathy is possible. No indication for immediate surgical intervention. Supportive care for acute gastroenteritis should prove beneficial. If persistent GI signs are noted despite conservative therapy a GI panel to include PLI/TLI/Cobalamin/Folate and a resting cortisol level to rule out occult Addison's disease +/- recheck sonogram to assess for progressive inflammatory GI mural changes is recommended.

IMAGING

PERFORMED BY

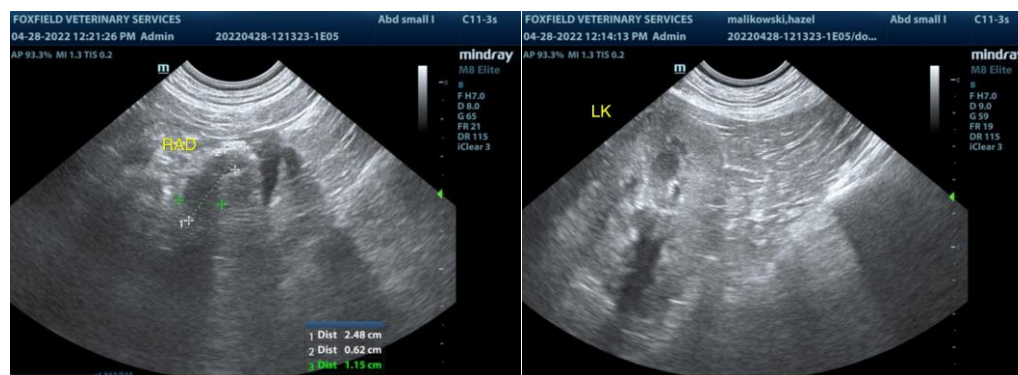
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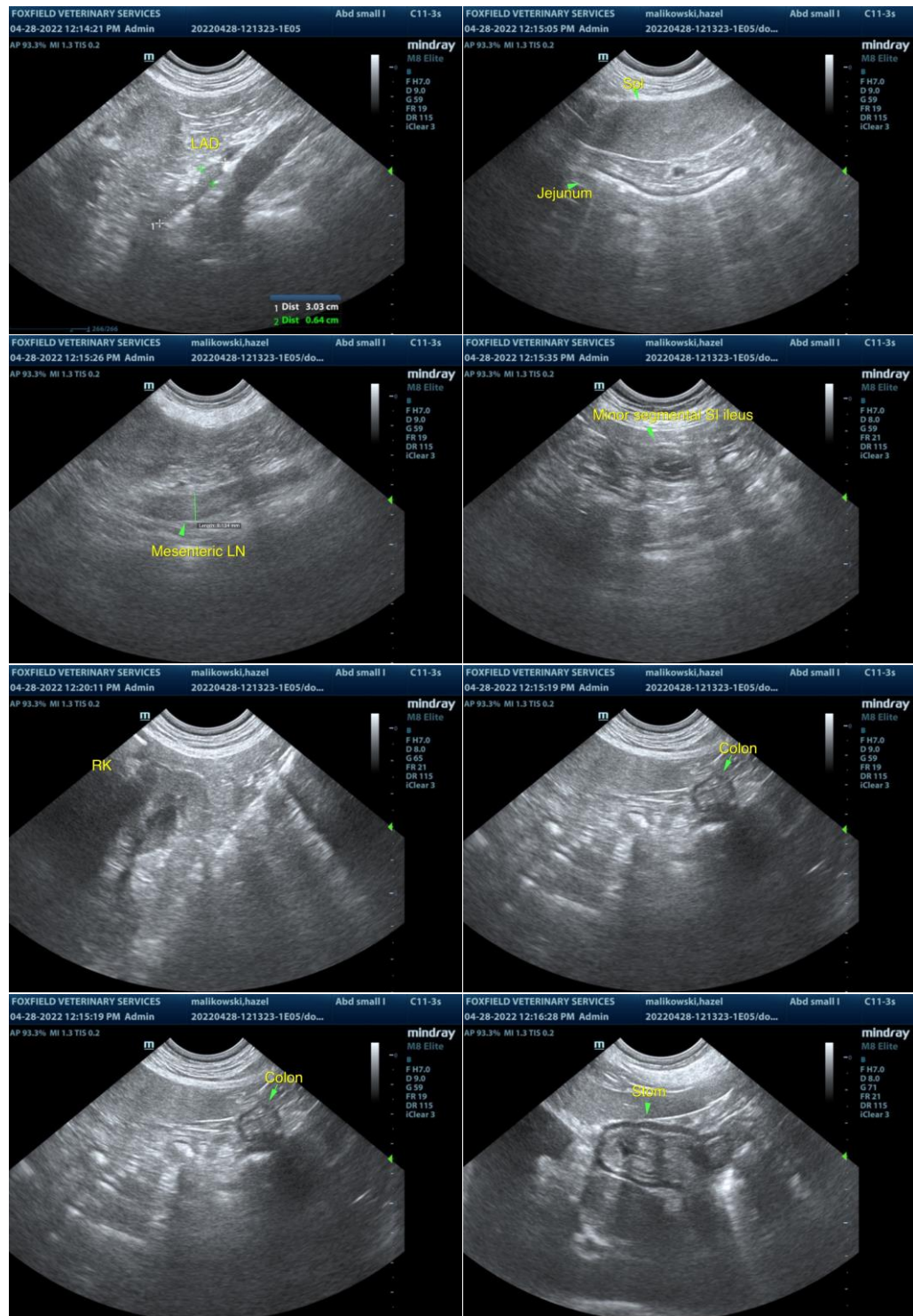
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)

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info@SonoPath.com

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