



PATIENT PRESENTING CLINICAL SIGNS

Scotty Morrill Vomiting and diarrhea x 4 days. Lethargy and weakness x 24 hours. CBC/Chem WNL. Treatment: IVF; cerenia, metronidazole, pantoprazole. Sedated with dexdomitor.

SPECIES

Canine

Urinary System

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 was noted.

BREED

Labrador Retriever Mix

SEX

The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture measuring 1.0 cm in diameter.

MN

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.

AGE

6 y

Mild pyelectasia was present, likely owing to IV fluid therapy. The left kidney measured 6.1 cm in length. The right kidney measured 6.0 cm in length.

WEIGHT

25 kg

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.57 cm width at the caudal pole and 0.56 cm width at the cranial pole.

INTERPRETED BY

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

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.57 cm width at the caudal pole and 0.56 cm width at the cranial pole.

Spleen

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

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.

HOSPITAL NAME

New England AMC

Liver/ Gallbladder

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.

REFERRING VET

Alberto Fernandez, DVM

The gallbladder was non distended in size with minor echogenic, nonmineralized biliary sludge, primarily in the gallbladder neck, this is likely incidental or secondary to fasting. The cystic duct and common bile ducts were normal without evidence of dilation.

INVOICE

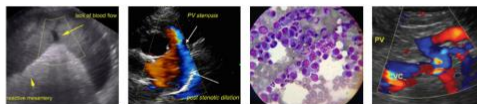
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Gastrointestinal

DATE

1/10/22

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs retained ingesta, fluid or foreign material with mild luminal gas. The gastric body wall measured 0.36 cm.



PATIENT

Scotty Morrill

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 0.46 cm. The jejunum wall measured 0.31 cm. The ileum wall measured 0.35 cm.

SPECIES

Canine

The colon walls presented intact yet prominent wall layering with mild thickened to echogenic submucosa. Generalized non-formed feces consistent with diarrhea was present in the colon lumen with lumen dilation. The descending colon wall measured 0.34 cm.

BREED

Labrador Retriever Mix

Pancreas

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 were evident.

SEX

MN

Free Abdomen

Intermittent focal, mildly prominent to enlarged mesenteric 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 a lymph node measured 3.0 cm x 0.55 cm width.

AGE

6 y

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- Ileitis/colitis pattern
- Associated subjectively benign to reactive jejunal colic lymphadenopathy

WEIGHT

25 kg

Secondary Findings

- Minor gallbladder debris- likely incidental

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 DABVP (Canine and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Dietary indiscretion/food intolerance, occult parasitism with potential for primarily structurally insignificant inflammatory bowel disease with concurrent colitis possible. Further assessment, given suspected ileitis, may include assessment of serum cobalamin and folate levels. Fresh fecal analysis to assess for parasitic ova/Giardia or prophylactic deworming (i.e., Panacur at 50 mg per kg POSID for at least 5 consecutive days with potential for repeat protocol in 3 weeks) along with hydrolyzed diet trial with potential long-term dietary therapy may prove beneficial. Although considered unlikely, adrenal screening with resting cortisol to rule out occult Addison's disease given the patients lethargy and weakness warranted.

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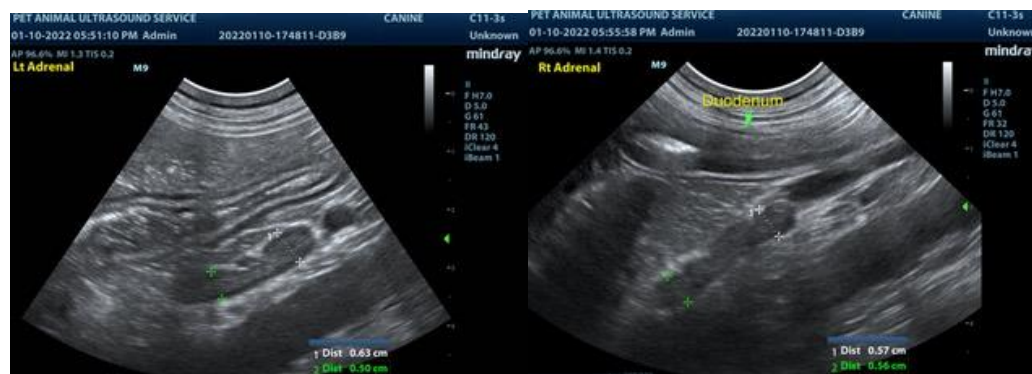
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



PATIENT

Scotty Morrill

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.

SPECIES

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