



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Stormy Coffey **PRESENTING CLINICAL SIGNS** Primarily diarrhea intermittently/recurring/moderately frequently for > 1 yr with occasional vomiting.

SPECIES Abnormal PE/Chem/CBC/UA Results: CBC, chems, T4, ua, wnl. Increased fpl mild, moderate to high increases in folate and cobalamin.

Feline

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Maine Coon

Urinary System

SEX 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 was noted.

Neutered Male

AGE

The area of the aortic trifurcation was free of pathology.

4 months

WEIGHT

Both kidneys are mildly prominent in size which is a normal patient variant, given breed and body size. 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 4.8 cm in length. The right kidney measured 4.8 cm in length.

18lbs

INTERPRETED BY

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

Adrenal Glands

Both adrenal glands were overtly normal in size, position, and shape. The left adrenal gland measured 0.37 cm. The right adrenal gland measured 0.45 cm.

IMAGING PERFORMED BY

Trae Cutchin

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.

HOSPITAL NAME

Friendship Springs
Veterinary Care

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. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

REFERRING VET

Trae Cutchin

INVOICE

10154

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. Minor retained anechoic pyloric fluid was noted with no signs of ileus, obstruction, or foreign material.

DATE

3/29/2023

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. No obstructive pattern, loss of intestinal wall layering, or intestinal masses. No evidence of pathology at the level of ileocolic junction. The duodenum wall measured 0.30 cm width. The jejunum wall measured 0.25 cm width. The ileocolic wall measured 0.39 cm wall width.



PATIENT

Stormy Coffey

The colon exhibited sonographically unremarkable wall layering. The colon contained generalized semi-formed to soft fecal matter.

SPECIES

Feline

Pancreas

The left pancreas was normal in size and contour with subtle non-homogenous hypoechoic parenchyma compared to adjacent non-reactive omentum.

BREED

Maine Coon

Free Abdomen

Intermittent, mildly prominent to enlarged mesenteric lymph 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). Example of lymph node measured 1.0 cm diameter. No omental masses or evidence of peritoneal free fluid.

SEX

Neutered Male

ULTRASONOGRAPHIC FINDINGS

AGE

4 months

- Normal stomach with minor retained pyloric fluid.
- Overtly normal intact small intestinal/colon walls with semi formed to soft fecal matter.
- Mildly non-homogenous hypoechoic left pancreas – non-specific, potential for low grade inflammation.
- Intermittent, mild benign/reactive mesenteric lymph nodes.

WEIGHT

18lbs

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and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No sonographic evidence of significant visceral, specifically gastroenterocolic or pancreatic, pathology. At times the gastrointestinal presentation may not correlate with history of chronic gastrointestinal signs. Considerations may include dietary intolerance/food allergies, dysbiosis, structurally insignificant inflammatory bowel disease, low grade to chronic pancreatitis, both of which may present sonographically normal, occult parasitism, infiltrative neoplasia (less likely) or other enteropathy. Adequate to increased cobalamin levels are not suggestive of distal small intestinal disease, while the increased folate is non-specific in a cat.

IMAGING PERFORMED BY

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Empirically, canned hydrolyzed diet trial with likely long term dietary therapy, a high colony count probiotic, empirical deworming (if clinically indicated), +/- fiber supplementation, and/or higher fiber diet trial may prove beneficial. A diarrhea PCR panel is suggested.

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Stormy Coffey

SPECIES

Feline

BREED

Maine Coon

SEX

Neutered Male

AGE

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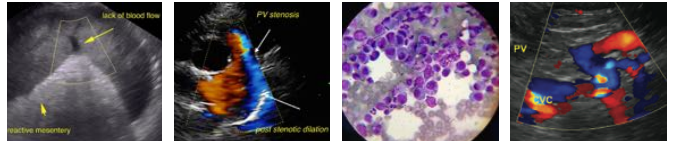
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



PATIENT

Stormy Coffey

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

Feline

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

BREED

Maine Coon

SEX

Neutered Male

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