



PATIENT

Penny Colpitts

SPECIES

Feline

BREED

DMH

SEX

Spayed Female

AGE

9 Years

WEIGHT

4.2 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Sarah Barthelemy

HOSPITAL NAME

Britannia Kingsland VC

REFERRING VET

Dr. Radcliffe

INVOICE

18874

DATE

11/29/22

PRESENTING CLINICAL SIGNS

History: Chronic diarrhea with very occasional vomiting. Tried on metronidazole, fortiflora and GI diet with initial improvement but now relapsed. No weight loss. Labs unremarkable. No spec fpl run yet. Fecal negative including giardia negative.

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 3.3 cm in length. The right kidney measured 3.4 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.29 cm.

No overt pathology in the area of the right adrenal gland.

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. The spleen measured 0.85 cm in width at the level of the hilus.

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 sonographically unremarkable wall layering. A mild amount of retained primarily anechoic fluid was present in the pylorus without evidence of mechanical pyloric outflow obstruction. The gastric body wall measured 0.24 cm.

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 0.26 cm. The jejunum wall measured 0.20 cm. No overt pathology in the area of the ileocolic junction.



PATIENT

Penny Colpitts

The colon revealed intact yet mildly prominent wall layering, primarily noted in the descending colon. The descending colon wall measured 0.24 cm in wall width. The colon contained generalized semi-formed to soft fecal matter.

SPECIES

Feline

Pancreas

The pancreas was normal in size with mild capsule asymmetry. Mild heterogenous to discretely nodular parenchyma with no evidence of peripancreatic omental inflammation.

BREED

DMH

Free Abdomen

A solitary mid abdominal, mildly prominent to enlarged mesenteric lymph node was present. The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). The lymph node measured 0.92 cm at the cranial pole and 0.38 cm at the caudal pole. No omental masses or peritoneal free fluid.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

AGE

9 Years

- Mild chronic colitis pattern
- Heterogenous to discretely nodular pancreas
- Mild retained pyloric fluid
- Sonographically unremarkable small bowel
- Focal subjective benign/reactive mesenteric lymph node

WEIGHT

4.2 kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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

A GI panel to include PLI/TLI/Cobalamin/Folate, as well as diarrhea PCR panel is warranted. Assessment for evidence of cranial abdominal or subxiphoid discomfort on palpation in the area of the pancreas, which may allude to low grade or chronic pancreatitis as a contributing factor to the chronic diarrhea is suggested.

IMAGING PERFORMED BY

Dr. Sarah Barthelemy

Empirically, cobalamin supplementation pending assessment of cobalamin levels, broad spectrum deworming even with negative fecal testing, a hydrolyzed or potential higher fiber diet trial with continued high colony count probiotic and assessment of clinical response would be reasonable. Endoscopic colonic biopsies are likely ideal for definitive diagnosis. Potentially, prednisolone/metronidazole combo trial at an appropriate dose may be considered if continued signs of colitis nonresponsive to dietary and supportive care.

HOSPITAL NAME

Britannia Kingsland VC

REFERRING VET

Dr. Radcliffe

INVOICE

18874

DATE

11/29/22



PATIENT

Penny Colpitts

SPECIES

Feline

BREED

DMH

SEX

Spayed Female

AGE

9 Years

WEIGHT

4.2 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Sarah Barthelemy

HOSPITAL NAME

Britannia Kingsland VC

REFERRING VET

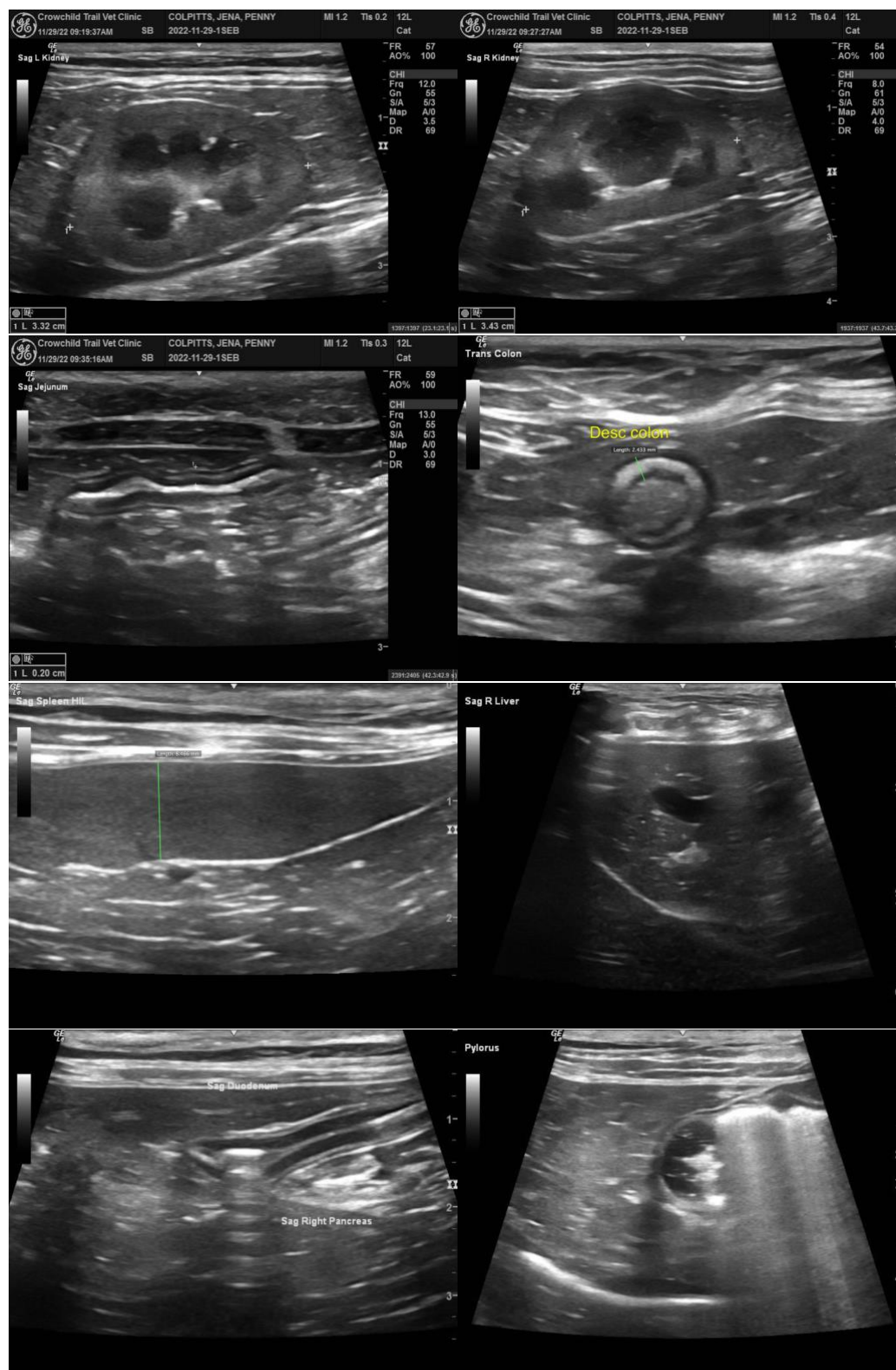
Dr. Radcliffe

INVOICE

18874

DATE

11/29/22



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



PATIENT

visible in the image/video clips provided.

Penny Colpitts

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

DMH

SEX

Spayed Female

AGE

9 Years

WEIGHT

4.2 kg

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dr. Sarah Barthelemy

HOSPITAL NAME

Britannia Kingsland VC

REFERRING VET

Dr. Radcliffe

INVOICE

18874

DATE

11/29/22