



PATIENT

Sully Hayes

PRESENTING CLINICAL SIGNS

2-3 day history of diarrhea that progressed to vomiting and melena and anorexia, unable to keep any food/water down
Abnormal PE/Chem/CBC/UA Results: CA 8.4, ALB 2.4, negative CPL, CBC unremarkable

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Jack Russell

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.

SEX

No overt pathology in the area of the residual prostate.

MN

No evidence of pathology in the area of the aortic trifurcation.

AGE

7 Years

Normal size and margination was 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 4.5 cm in length. The right kidney measured 4.8 cm in length.

WEIGHT

20.2

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.43 cm width at the caudal pole and 0.42 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.43 cm width at the caudal pole and 0.43 cm width at the cranial pole.

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

Dr. Laura Couser

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.

HOSPITAL NAME

Willamette Veterinary
Hospital

REFERRING VET

Dr. Laura Couser

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty without evidence of retained ingesta, fluid, or foreign material with mild luminal gas. The gastric wall measured 0.35 cm width.

INVOICE

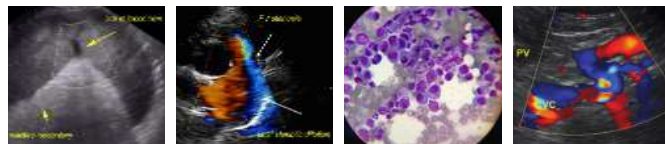
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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. The jejunum wall measured 0.37 cm width and the duodenum wall measured 0.38 cm width.

DATE

9-5-21

Normal visible colon wall layers were present with subjective semi-formed to soft feces in lumen.



PATIENT

Pancreas

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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

Canine

Free Abdomen

Focal, mildly prominent to enlarged intermittent 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). An example of a lymph node measured 0.66 cm diameter.

BREED

Jack Russell

No overt peritoneal effusion was present.

SEX

ULTRASONOGRAPHIC FINDINGS

MN

- Likely gastroenterocolitis.
- Intermittent benign mesenteric lymph nodes - mild lymphoid hyperplasia or minor reactive lymphadenitis likely.

AGE

7 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

20.2

Generally unremarkable abdomen without evidence of significant visceral pathology including no evidence of gastrointestinal mechanical obstruction, foreign material, masses, or overt ulceration. Possible inflammatory bowel episode, without evidence of mural changes, dietary indiscretion, occult parasitism possible.

INTERPRETED BY

Supportive care for gastroenterocolitis including gastroprotectants recommended. Monitoring of albumin levels suggested. Screening cortisol could be considered given the GI signs, albumin levels, and melena, which may potentially indicate microulceration, although the adrenals appeared to be subjectively normal.

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(Canine and Feline)

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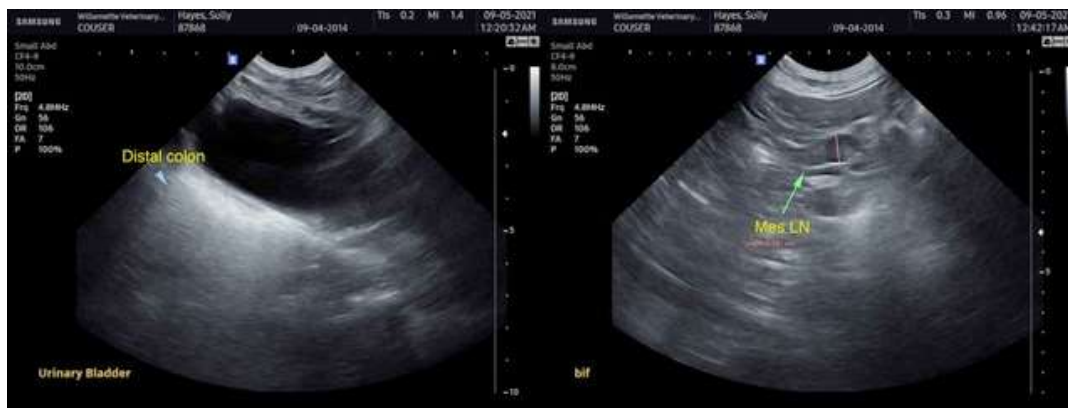
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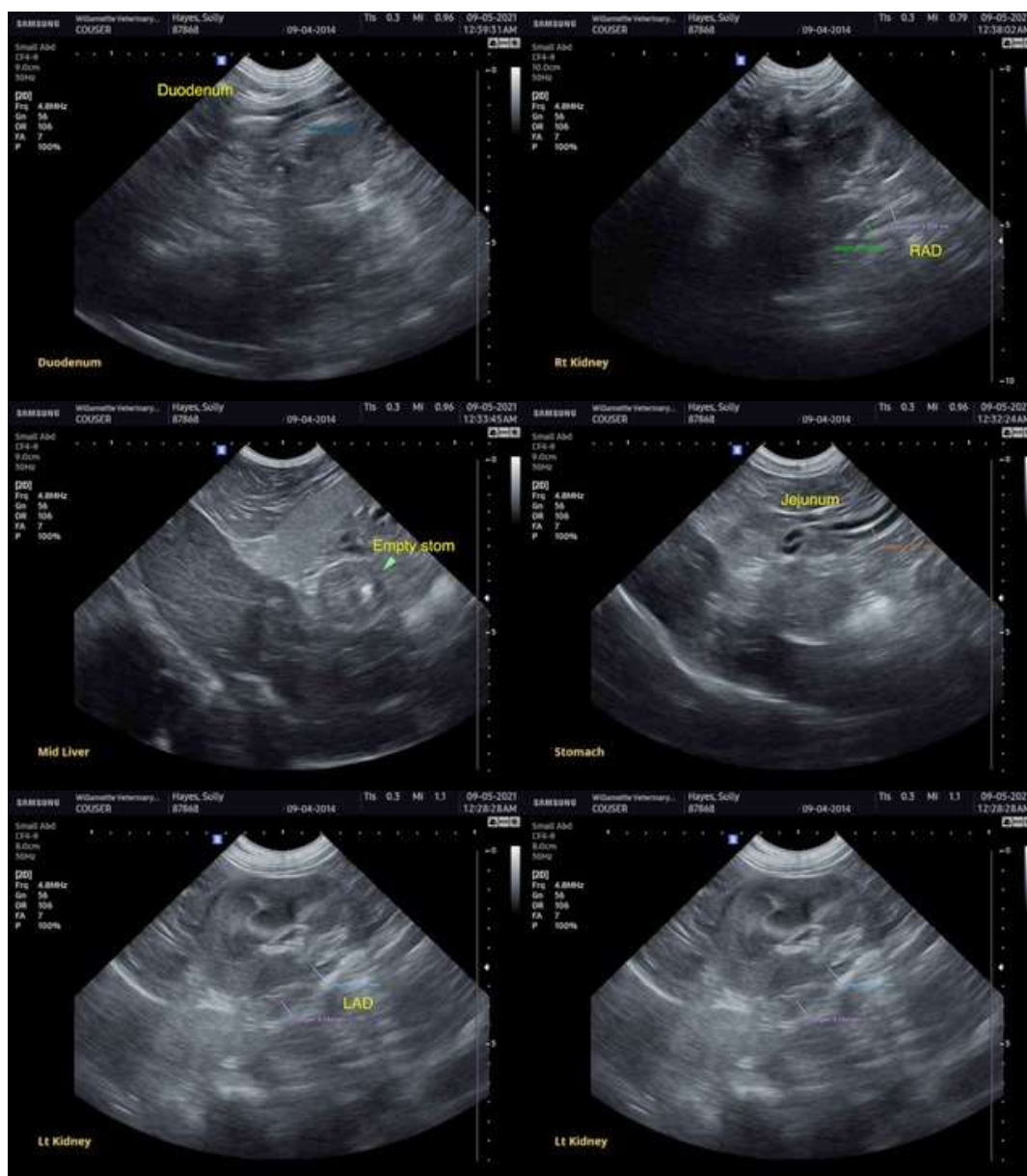
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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