

**PATIENT**

Ginger Moreno

SPECIES

Canine

BREED

Goldendoodle

SEX

FS

AGE

1yr

WEIGHT

33lb

INTERPRETED BYR. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)**IMAGING
PERFORMED BY**

Sarah Pender CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

Dr. Hartmann

INVOICE

11732ag

DATE

09/27/2022

PRESENTING CLINICAL SIGNS

Gave Ginger a rubber pumpkin Toy on Thursday night. Had V/D intermittently until she went to the AEC on Sunday. Rads / barium were unremarkable. Passed a large amount of barium on Sunday night. Now is eating and no vomit, but still straining to defecate and producing small amounts. Rectal exam - painful but no stool present. Ate about a tbsp of food this morning. No vomiting today

Abnormal PE/Chem/CBC/UA Results: Rads today - Unremarkable, no barium present BW at AEC was unremarkable, dehydrated, (HCT, RBC, HGB elevated), ALP 237

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4 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 4.8 cm in length. The right kidney measured 4.9 cm in length.

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.37 cm width at the caudal pole and 2.2 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.51 cm width at the caudal pole and 1.6 cm length.

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.

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 with mild echogenic dependent debris. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material. The gastric body wall measured 0.27 cm in width.

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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 minor segmental luminal gas and no signs of ileus, obstruction or foreign material. The duodenum measured 0.36 cm in width. The jejunum measured 0.28 cm in width.

SPECIES

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The colon walls presented intact yet prominent wall layering with mild thickened to echogenic submucosa. Semi formed to soft fecal matter was present in the colon lumen with lumen dilation. The colon wall measured 0.26 cm in width.

Pancreas**BREED**

Goldendoodle

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.

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Free Abdomen

No peritoneal effusion was present.

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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).

ULTRASONOGRAPHIC FINDINGS**WEIGHT**

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- Sonographically unremarkable GI tract-evidence of ileus, intussusception or foreign material
- Mild colitis pattern
- Low grade benign hepatopathy-probable metabolic or reactive hepatopathy
- Mild gallbladder debris-incidental

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No indication for immediate surgical intervention. Suspect resolving gastroenteritis with likely persistent mild colitis. Continued conservative GI support and therapy for colitis is recommended. A GI panel to include PLI/TLI/Cobalamin/Folate +/- a resting cortisol level could be considered if recurrent GI signs occur.

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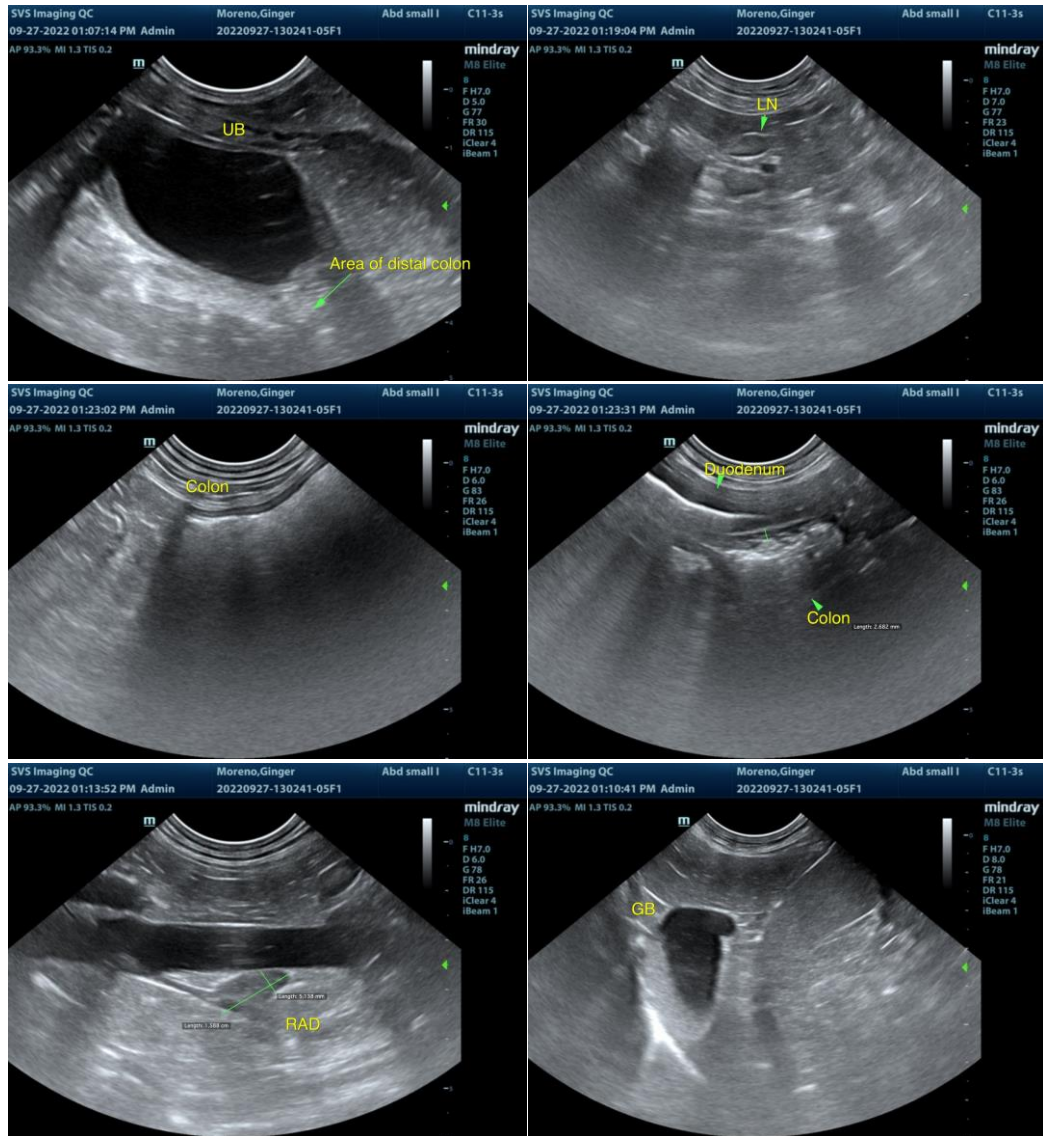
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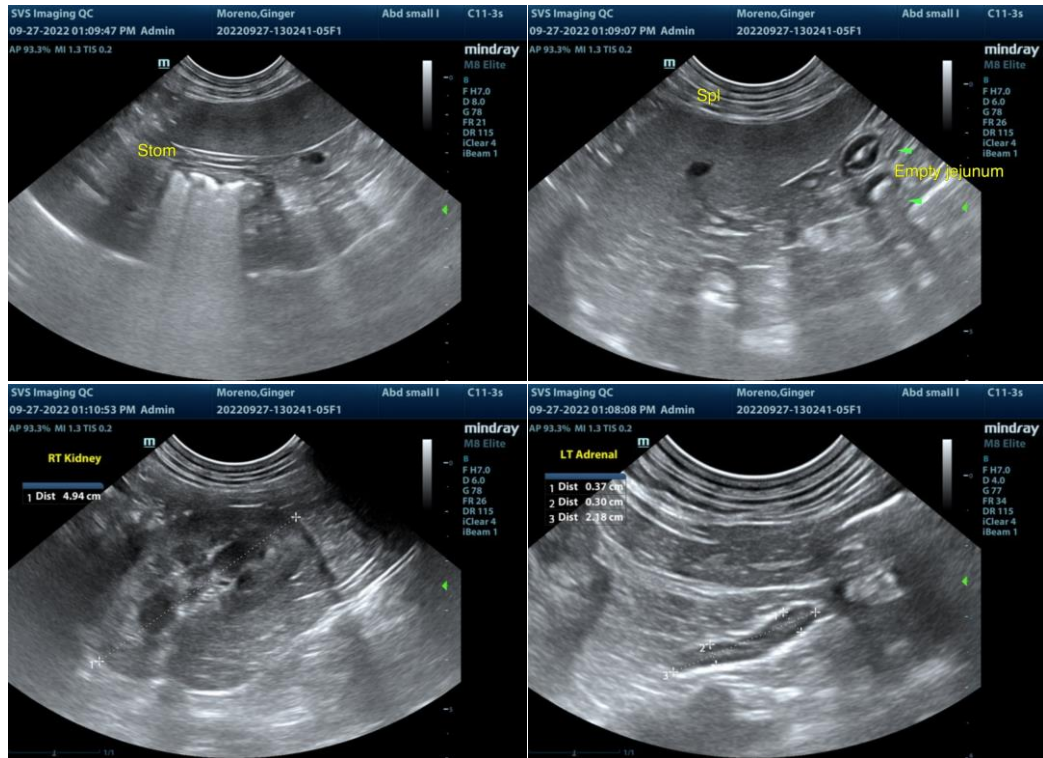
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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

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