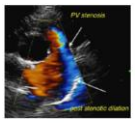
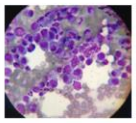
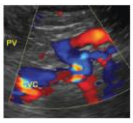




PATIENT

Bianca Rogers

SPECIES

Canine

BREED

Great Dane

SEX

Female Intact

AGE

5 months

WEIGHT

68 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Sarah Pender, CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

Dr. Ruther

INVOICE

13670

DATE

4/14/22

PRESENTING CLINICAL SIGNS

Tuesday AM was given a new food, Tuesday PM lethargic and not eating, one episode V and soft stools. Yesterday was given cerenia and started on Metronidazole. No vomiting since. Had small meal yesterday about 5pm then NPO after in preparation for US.
Abnormal PE/Chem/CBC/UA Results: Rads were suspicious for FB. PE unremarkable - did have cow-pie large qty stools yesterday BW: Low-N RBC/HCT, Monocytosis

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

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.

No evidence of pathology was noted In the area of the uterus or bilateral ovaries.

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 8.9 cm in length. The right kidney measured 8.8 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 3.8 cm length x 0.64 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 4.8 cm length x 0.30 cm width at the caudal pole.

Spleen

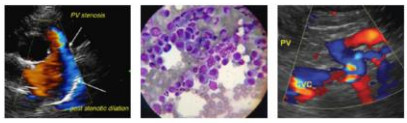
The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

Liver/ 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.

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.



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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, or obstruction. No evidence of mechanical / metabolic gastrointestinal obstructive pattern or foreign material was noted.

Normal visible colon wall layers were present with subjective formed feces and luminal gas.

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.

Free Abdomen

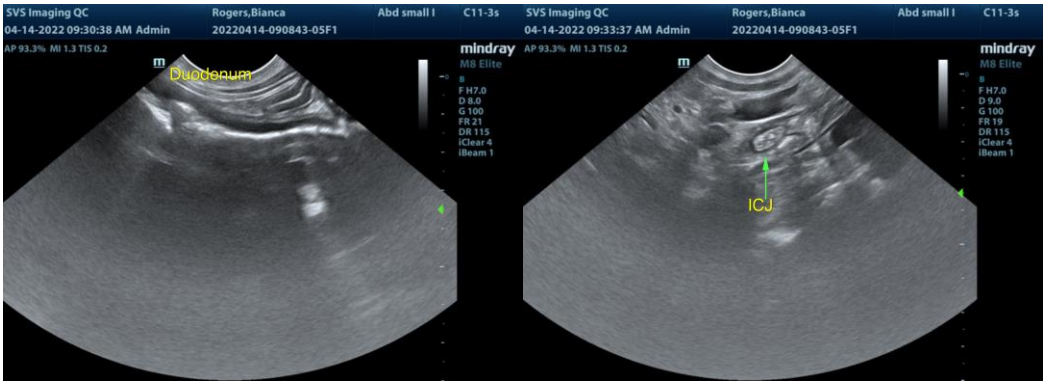
Intermittent to multiple mesenteric nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). An example lymph node 2.4 cm x 0.9 cm. No free fluid was noted. The omentum exhibited uniform echogenicity.

ULTRASONOGRAPHIC FINDINGS

- Sonographically unremarkable gastrointestinal tract
- Intermittent benign mesenteric lymphadenopathy - lymphoid hyperplasia or immunologic Immaturity likely

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, sonographically unremarkable abdomen without evidence of mechanical or metabolic gastrointestinal ileus, obstruction, or evidence of foreign material. Conservative support for dietary indiscretion / food intolerance or acute inflammatory bowel episode should prove beneficial. Fresh fecal analysis to assess for parasitic ova/Giardia is suggested if persistent / progressive soft stool to diarrhea. If persistent or recurrent gastrointestinal signs, a GI panel to include PLI/TLI/Cobalamin/Folate +/- resting cortisol level to rule out occult Addison's Disease could be considered.



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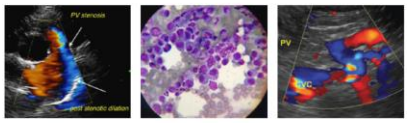

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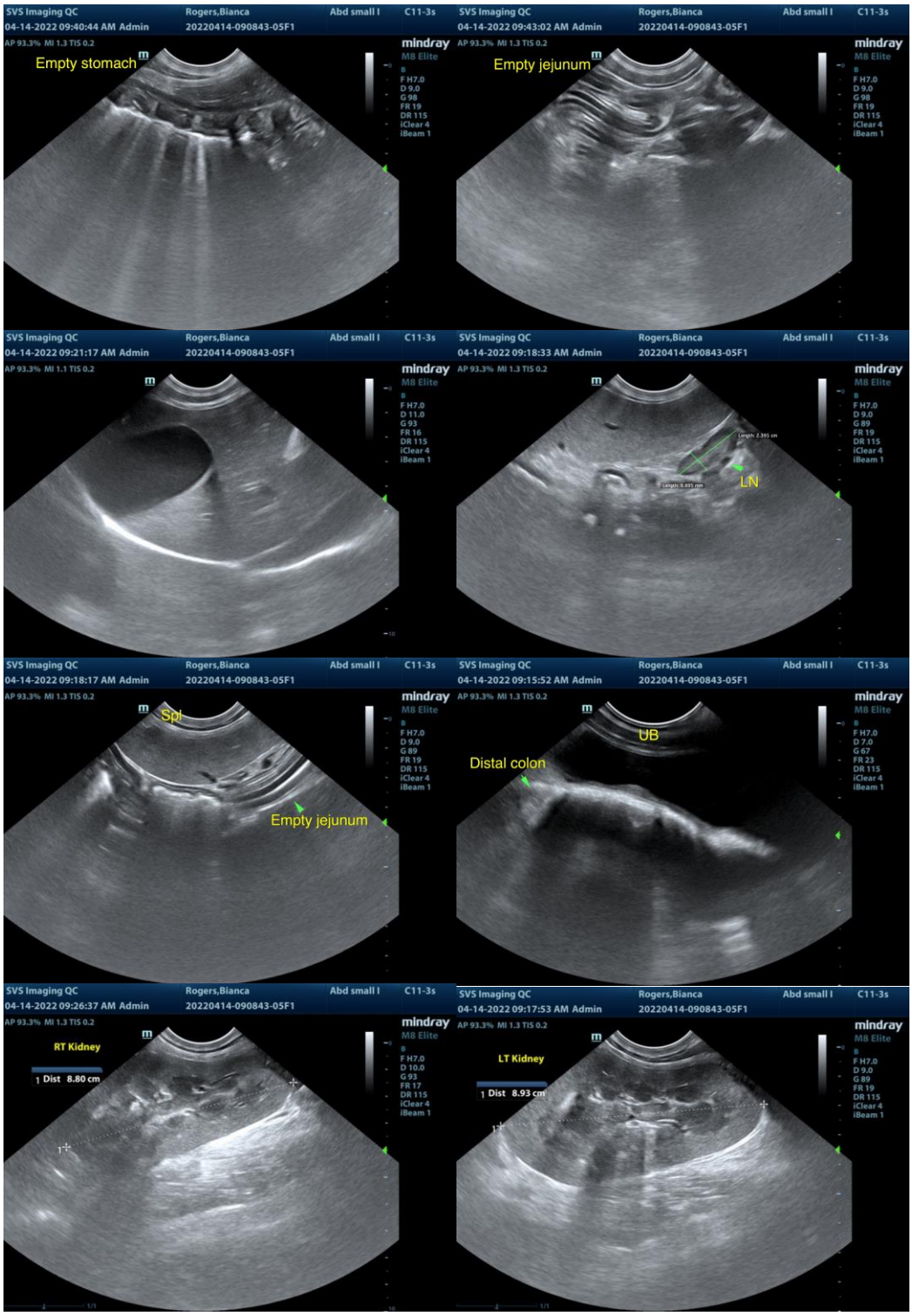

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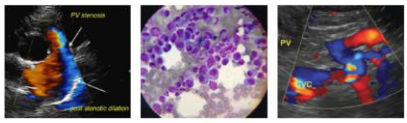

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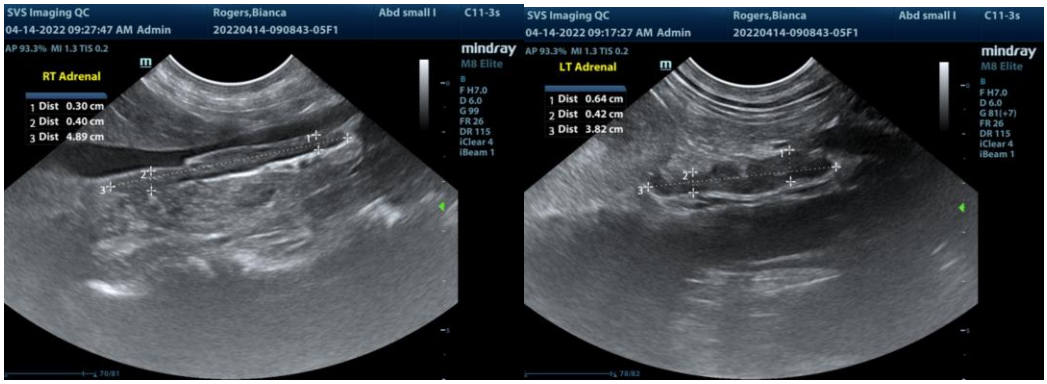

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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