



PATIENT

Patton Sereni

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

1yr

WEIGHT

10lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

Riverdale Integrative
Veterinary Care

REFERRING VET

Dr. Hirsch

INVOICE

12879ag

DATE

02/04/2022

PRESENTING CLINICAL SIGNS

Patton had an ultrasound in early September and an enlarged mesenteric lymph node was noted as was mild kidney changes. VDI test combination results consistent with IBD pattern, and patient has a history of having some GI sensitivity issues with vomiting and sometimes bloody mucus in stools. Borderline hypertension, IRIS Stage 2 kidney disease, Overall he is doing well at home at the moment.

Abnormal PE/Chem/CBC/UA Results: DEXX Bloodwork from 12.2.22 (another sample was pulled today but no results yet). WBC 24.7 (3.9 -19), Lymph 16.55 (0.85 - 5.85), Mono 1.235 (0.04-0.53), SDMA 16 (0-14), Phosphorus 7.1 (2.9 - 6.3), Potassium 5.3 (3.7-5.2), Globulin 2.9 (3.0-5.9), Albumin 3.9 (2.6-3.9)

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 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. Mild indistinct corticomedullary definition was present with mild increased medullary echogenicity. The left kidney measured 3.4 cm in length. The right kidney measured 3.5 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 0.39 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.36 cm width.

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 0.65 cm in width at the level of the hilus.

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 contained minor pyloric ingesta/chyme with no signs of ileus, obstruction or foreign material. The gastric body wall measured 0.24 cm in width.

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



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measured 0.21 cm width. The jejunum wall measured 0.21 cm width. The ileocolic wall measured 0.28 cm width.

Normal visible colon wall layers were present with apparent formed feces in lumen.

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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 was evident.

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Free Abdomen

No omental masses or peritoneal effusion was present.

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Focal, 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). An example of a lymph node measured 1.6 cm x 0.75 cm.

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ULTRASONOGRAPHIC FINDINGS

- Normal bilateral renal size with minor loss of corticomedullary border demarcation
- Structurally normal GI tract
- Focal to intermittent benign/reactive mesenteric lymph nodes

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Monitoring of UA +/- C/S and UPC if clinically indicated is recommended. No overt evidence of structural GI mural pathology is present. Correlation with previous US and LN measurements for evidence of lymph node progression could be considered.

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Overall, the visualized persistent mesenteric lymphadenopathy appears to be minor and not overtly consistent with significant inflammatory or lymphatic neoplastic criteria. A novel protein or hydrolyzed diet with high colony count probiotic if evidence of diarrhea may prove beneficial.

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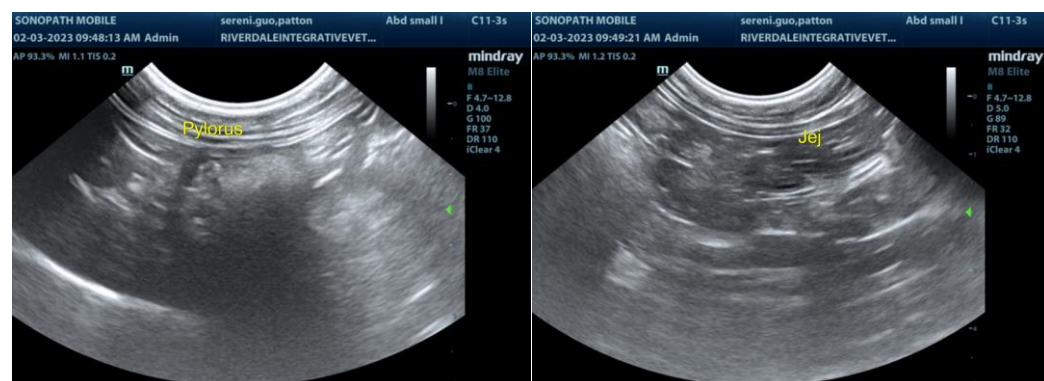
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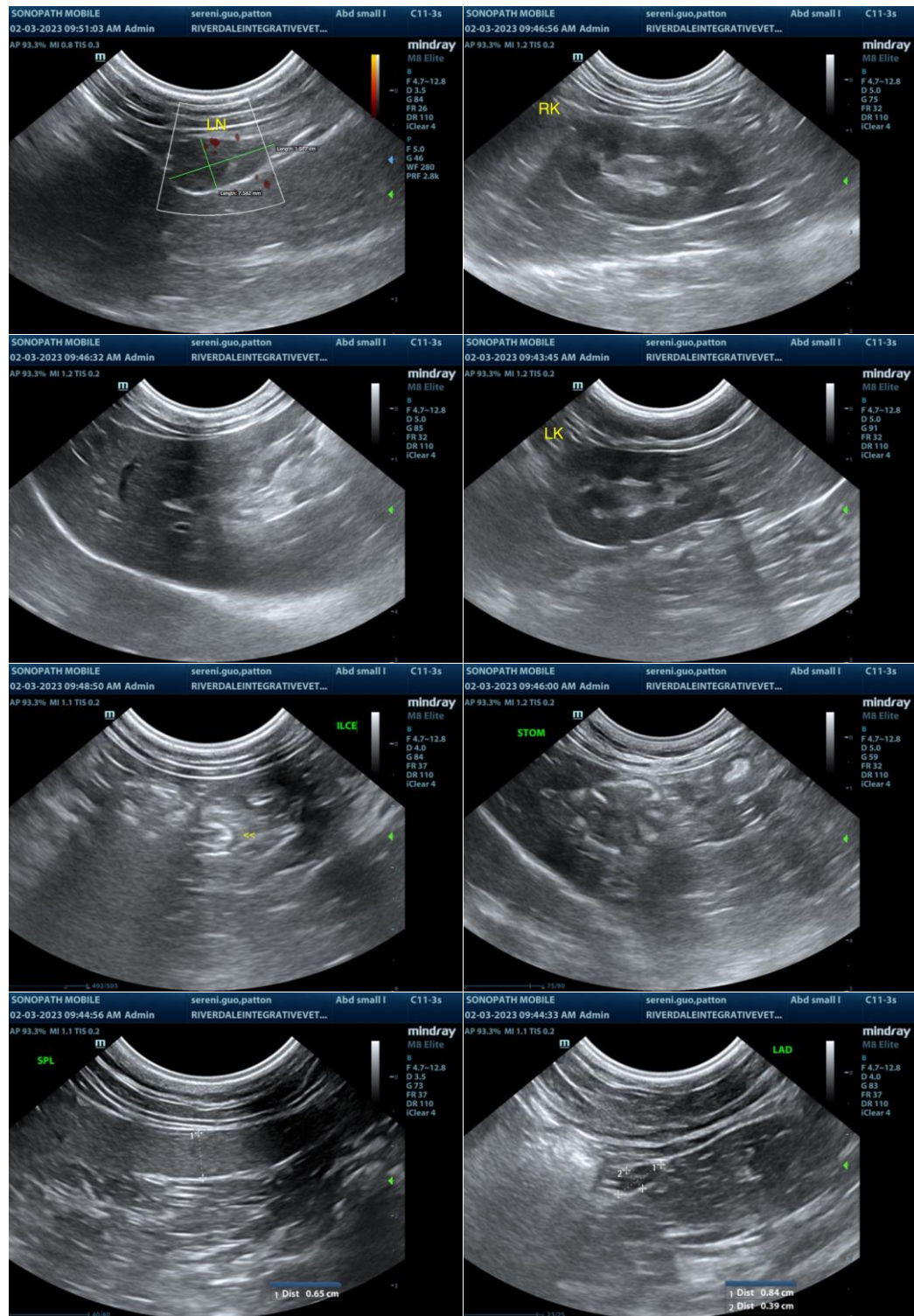
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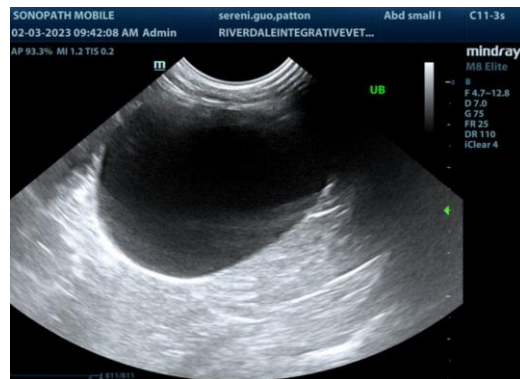
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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mac.daniel@sonopath.com