



PATIENT

Beans Williams

PRESENTING CLINICAL SIGNS

Patient presented yesterday for ribbon string hanging out of anus. Owners cut string at home (non-visible upon exam). Patient failed to defecate over the last 12-24 hours in clinic.

SPECIES

Feline

Medications: Lactulose susp.- 2mls PO TID, aggressive IV fluids

Abnormal PE/Chem/CBC/UA Results: Radiographs: No obvious linear f/b, feces in colon

BREED

DSH

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.

SEX

MN

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. A hyperechoic corticomedullary band, consistent with a medullary rim sign, was present. This is a nonspecific finding seen in both normal and abnormal kidneys. It may be associated with interstitial renal disease, hypercalcemia, tubular necrosis, lymphoma, and FIP. However, it is a nonspecific finding. The left kidney measured 3.6 cm in length. The right kidney measured 4.1 cm in length.

AGE

12mo

WEIGHT

13lb

The area of the aortic trifurcation was free of pathology.

INTERPRETED BY

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

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.31 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.27 cm in width.

IMAGING PERFORMED BY

Amanda Lacey Crook

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.

HOSPITAL NAME

Rivers Edge Pet
Medical Center

Liver/Gallbladder

REFERRING VET

Dr. Gibson

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.

INVOICE

12632ag

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with mild luminal gas and 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 primarily empty with minor non-obstructive jejunal and ileal ileus. The ileocolic junction was free of pathology

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Feline

Normal visible colon wall layers were present. The colon appeared to be mild to possibly moderately distended with formed to shadowing fecal matter and luminal gas present in the transverse and descending colon with non-formed fecal matter present in the proximal colon.

Pancreas

BREED

DSH

The pancreas was normal in size and contour with subtle non-homogenous to hypoechoic parenchyma present in the right pancreatic limb. This finding is not sonographically consistent with active pancreatitis.

SEX

Free Abdomen

MN

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

AGE

12mo

- Overtly normal GI tract with mild non-obstructive jejunal and ileal ileus
- Sonographically unremarkable colon with variably formed fecal matter and luminal gas
- Non-specific bilateral renal medullary rim sign

WEIGHT

13lb

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of gastrointestinal mechanical obstruction, plication or linear to obstructive foreign body was observed. Potential passage of previous linear material into the colon given the patient history is possible. Residual linear foreign material obscured by formed to shadowing fecal matter and colon luminal gas cannot be definitively excluded. No indication for immediate surgical intervention. Continued as needed GI support and therapy for constipation with monitoring of fecal output would be reasonable. UA is suggested if not recently done.

INTERPRETED BY

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(Canine and Feline)

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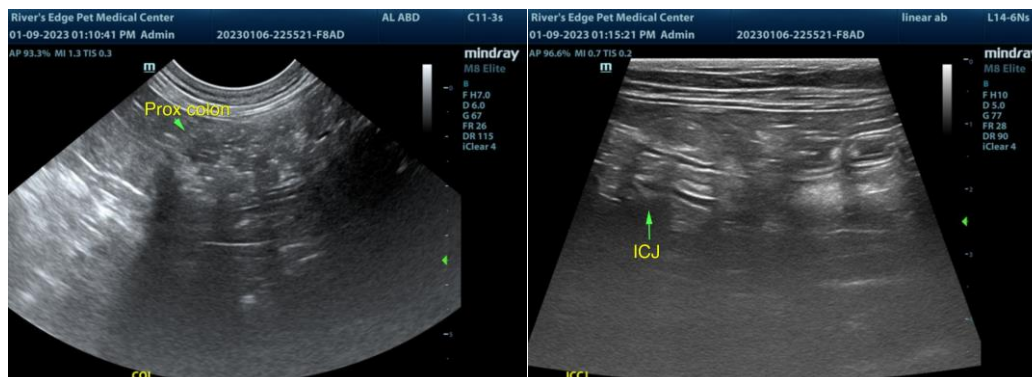
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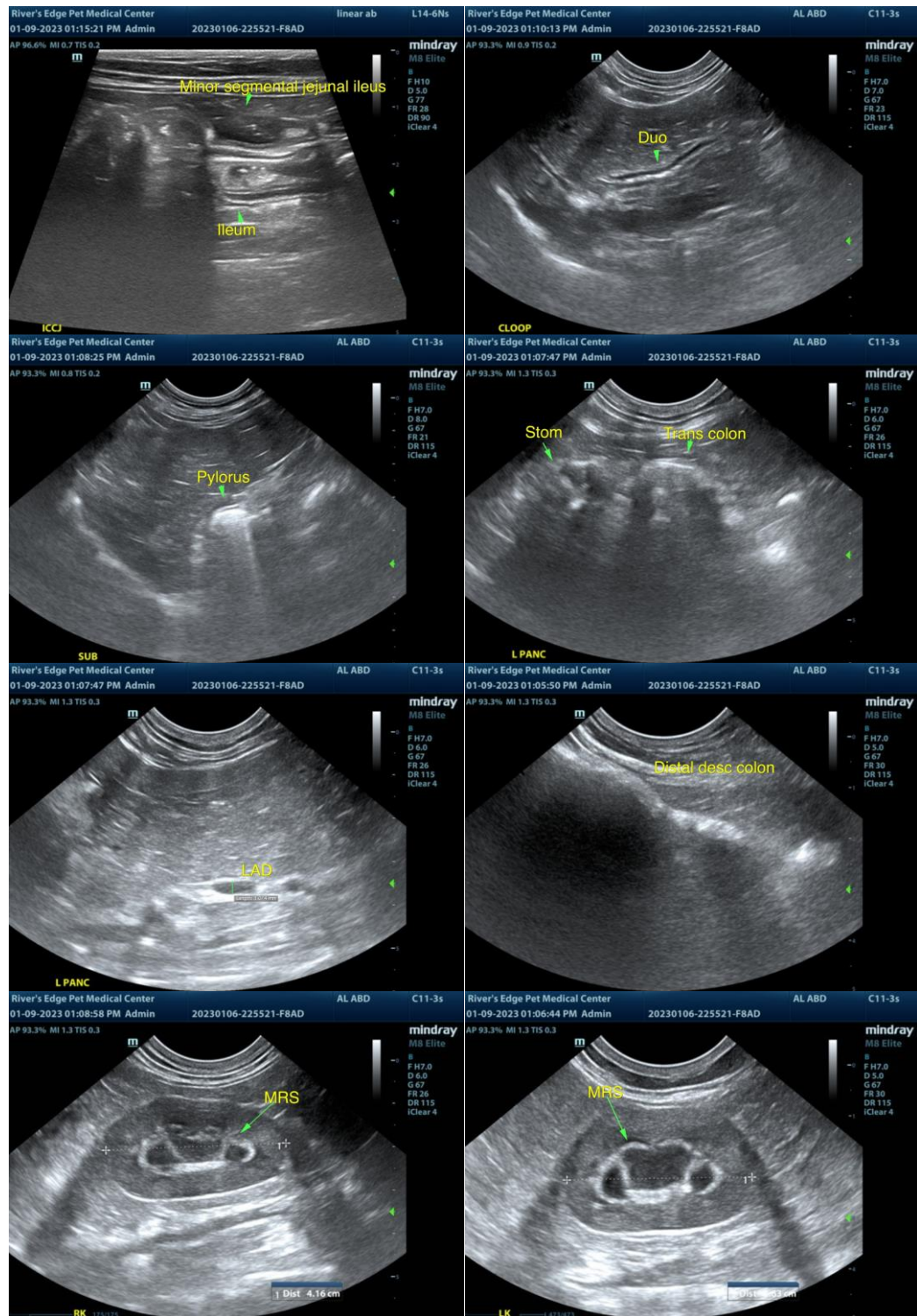
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I



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can be of any further assistance, please contact me.

Beans Williams

SPECIES

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mac.daniel@sonopath.com

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