



PATIENT PRESENTING CLINICAL SIGNS

Charlie Strauss

History: Vomiting for a few days, vomited up a piece of silk flower this morning. Not painful, but is quieter than usual. Had enterotomy for FB 3 months ago. Cerenia was administered yesterday afternoon

SPECIES

Feline

Abnormal PE/Chem/CBC/UA Results: See attached rads - no visible FB or apparent obstruction.

BREED

DSH

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Neutered Male

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 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. Aortic trifurcation was normal.

AGE

9 Months

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 3.9 cm in length. The right kidney measured 3.9 cm in length.

WEIGHT

9.8 Pounds

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.38 cm width.

INTERPRETED BY

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

No overt pathology in the area of the right adrenal gland.

Spleen

IMAGING PERFORMED BY

Jasmine Palacios, SDEP
Attendee

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

HOSPITAL NAME

Rivers Edge Pet MC

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.

REFERRING VET

Dr. Bridget Hayes

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was markedly distended with retained anechoic fluid.

INVOICE

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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Moderate to variable duodenojejunal fluid dilation, exhibiting mild oral/aboral movement of luminal fluid was present. A solitary strongly shadowing echo, measuring approximately 1.0 cm- 1.2 cm in diameter, was present in the mid abdomen and within the small intestinal lumen. Concurrent segments of empty normal appearing small intestine were also present without evidence of mechanical/metabolic ileus pattern.

DATE

7/28/22



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

Charlie Strauss **Pancreas**

SPECIES 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.

Feline

Free Abdomen

BREED No overt lymphadenopathy or peritoneal effusion was present.

DSH

ULTRASONOGRAPHIC FINDINGS

SEX

- Moderate to marked gastric fluid dilation
- Segmental moderate to variable small intestinal fluid distention with concurrent segments of empty small intestine
- Strongly shadowing focal echo, subjectively within the mid abdominal intestinal lumen

Neutered Male

AGE

9 Months

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

9.8 Pounds

The visualized strongly shadowing echo, subjectively within the small intestinal lumen is consistent with obstructive foreign body with obstructive intestinal pattern, likely proximal and empty small intestine, likely distal. Potentially, this echo could be within the colon, however, the intestinal pattern consisting of both obstructive pattern and empty small intestine is consistent with obstructive criteria, as opposed to generalized small intestinal metabolic ileus. Likewise, given the patients history, exploratory laparotomy with expectation toward enterotomy and with consideration for intestinal biopsies, despite exploratory findings to assess for underlying intestinal disease, as a potential cause of recurrent pica. No overt evidence of significant lymphadenopathy or peritonitis.

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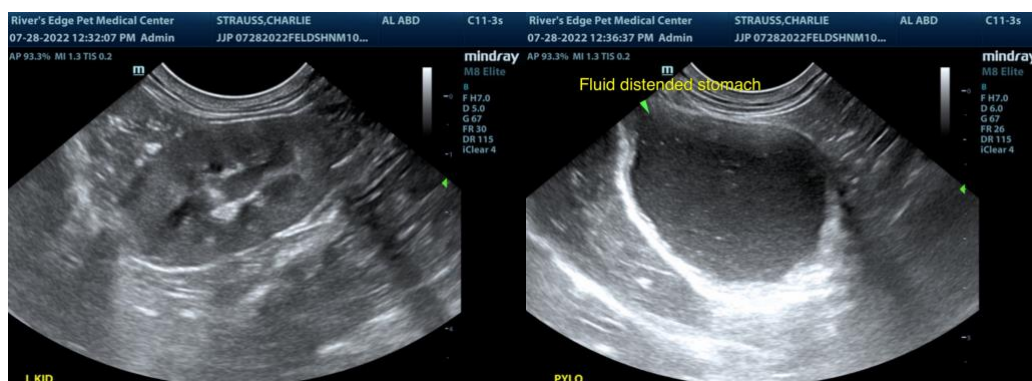
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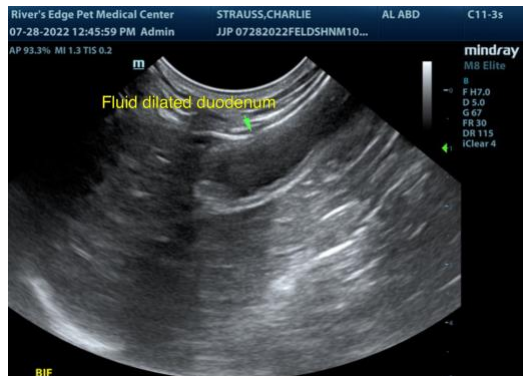
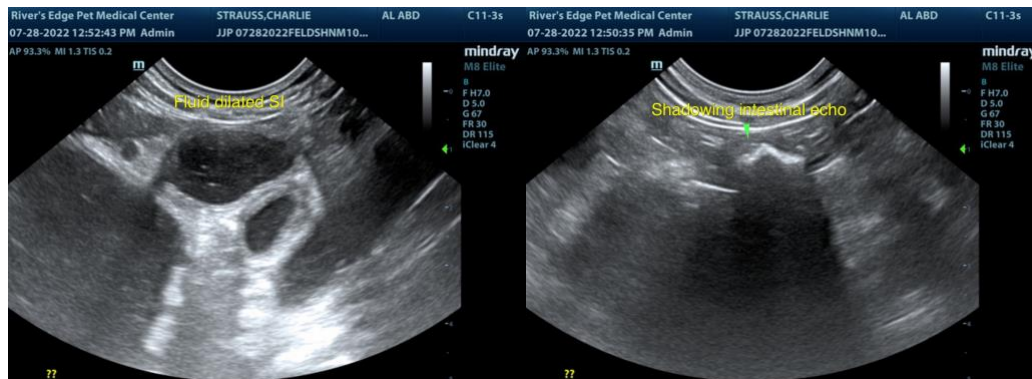
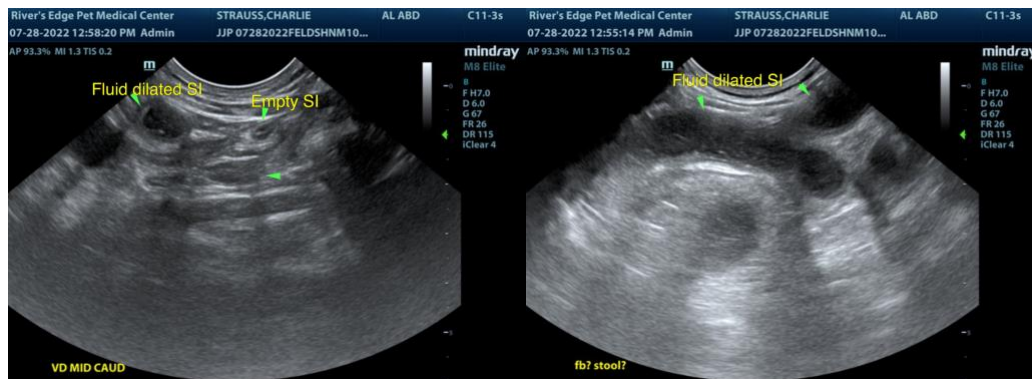
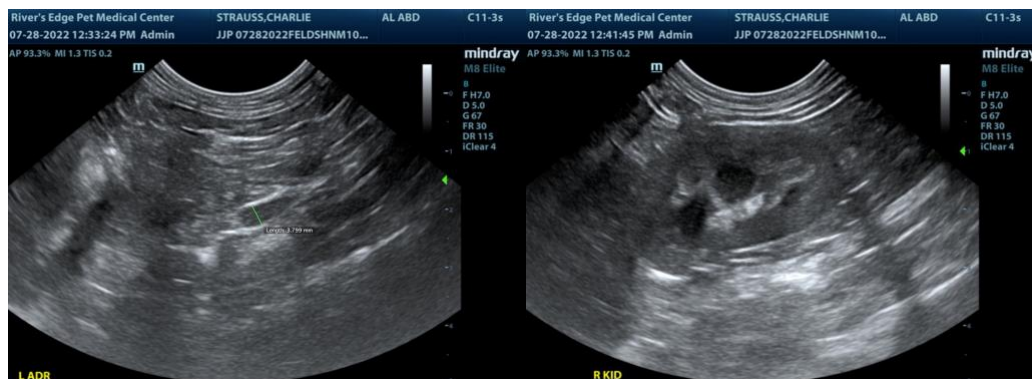
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not



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visible in the image/video clips provided.

Charlie Strauss

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.

SPECIES

Feline

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info@SonoPath.com

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Neutered Male

AGE

9 Months

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