



PATIENT PRESENTING CLINICAL SIGNS

Leo Storey vomiting, anorexia for >3 days - No improvement with cerenia medication - Excessive abdominal gas on palpation; nausea and vomiting bile in clinic - Previous FIP - finished treatments Early pyrexia (39.9), dehydration 5%, lethargy Concerns for GIFB meds: cerenia inj 9am (0.88ml)

SPECIES Abnormal PE/Chem/CBC/UA Results: - Band neutrophils, neutropenia (left shift) - mild hyperglycemia rads: Extensive dilated small intestinal loops, in a stacking pattern. Gas and fluid distended stomach. No clear FB noted, but suspected. Fecal matter noted in the colon. Kidneys, liver, spleen, musculoskeletal wnl

Feline

BREED

Maine Coon **ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

SEX *Urinary System*

MN The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Primarily anechoic urine was present in the lumen. Mild, nondependent, particulate sediment was present without evidence of calculus formation. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic mural changes were noted.

AGE
2 years

The area of the aortic trifurcation was free of pathology.

WEIGHT

8.83 kg

The bilateral kidneys were mildly enlarged in size, which is likely a normal patient variant given the breed. No evidence of renal pathology or evidence of retroperitoneal inflammation was noted. 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 5.2 cm in length. The right kidney measured 5.4 cm in length.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

Adrenal Glands

IMAGING

PERFORMED BY

Kelly Reschny

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.28 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.34 cm width.

HOSPITAL NAME

Headon Forest AH

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.

REFERRING VET

Dr. Teminski

INVOICE

14216

Liver/ Gallbladder

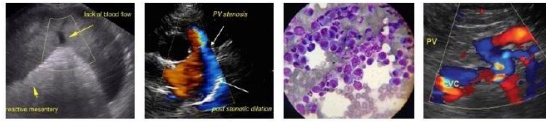
The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

DATE

7/6/22



| | |
|-----------------------------------|---|
| PATIENT | <i>Gastrointestinal</i> |
| Leo Storey | The stomach exhibited intact sonographically unremarkable wall layering. The stomach exhibited moderate to marked distention with retained fluid and nonshadowing chyme. No overt evidence of mechanical pyloric outflow obstruction was noted. |
| SPECIES | |
| Feline | The small intestine exhibited segmental moderate distention with retained mildly echogenic fluid exhibiting subjective oral / aboral movement. Concurrent segments of empty small intestine indicating likely areas of jejunum to the level of the ileocolic junction were also present. Overall, intact small Intestinal wall layering with maintained normal muscularis / mucosa ratio was noted. Strongly shadowing echo was noted within the mid to caudal abdominal intestinal segments, likely jejunal location although within area of the descending colon. |
| BREED | |
| Maine Coon | |
| SEX | <i>Pancreas</i> |
| MN | 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. |
| AGE | |
| 2 years | <i>Free Abdomen</i> |
| | No omental masses, lymphadenopathy or evidence of peritoneal free fluid was present. |
| WEIGHT | ULTRASONOGRAPHIC FINDINGS |
| 8.83 kg | <i>Primary Findings</i> |
| INTERPRETED BY | <ul style="list-style-type: none"> Marked gastric distention with retained fluid / chyme Segmental likely upper to mid intestinal fluid dilation with subjective strongly shadowing intestinal luminal echo, empty normal -appearing small intestine likely distal |
| R. McKenzie Daniel, DVM, DABVP | <i>Secondary Findings</i> |
| IMAGING PERFORMED BY | <ul style="list-style-type: none"> Mild urinary bladder sediment Bilateral mild enlarged kidneys - likely patient variant, no evidence of neoplastic or FIP renal criteria |
| Kelly Reschny | |
| HOSPITAL NAME | INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS |
| Headon Forest AH | The marked gastric fluid dilation In combination with segmental intestinal dilation and strongly shadowing intestinal luminal echo is consistent with mid to upper Intestinal mechanical obstruction, likely owing to foreign body. |
| REFERRING VET | |
| Dr. Teminski | Based on this sonographic finding, exploratory laparotomy is recommended for further assessment and likely expectation toward enterotomy. Intestinal biopsies may be considered despite exploratory findings to assess for or rule out underlying gastrointestinal disease. |
| INVOICE | No overt evidence of current intraabdominal FIP criteria was evident. |
| 14216 | |
| DATE | |
| 7/6/22 | |



PATIENT

Leo Storey

SPECIES

Feline

BREED

Maine Coon

SEX

MN

AGE

2 years

WEIGHT

8.83 kg

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DVM, DABVP

**IMAGING
PERFORMED BY**

Kelly Reschny

HOSPITAL NAME

Headon Forest AH

REFERRING VET

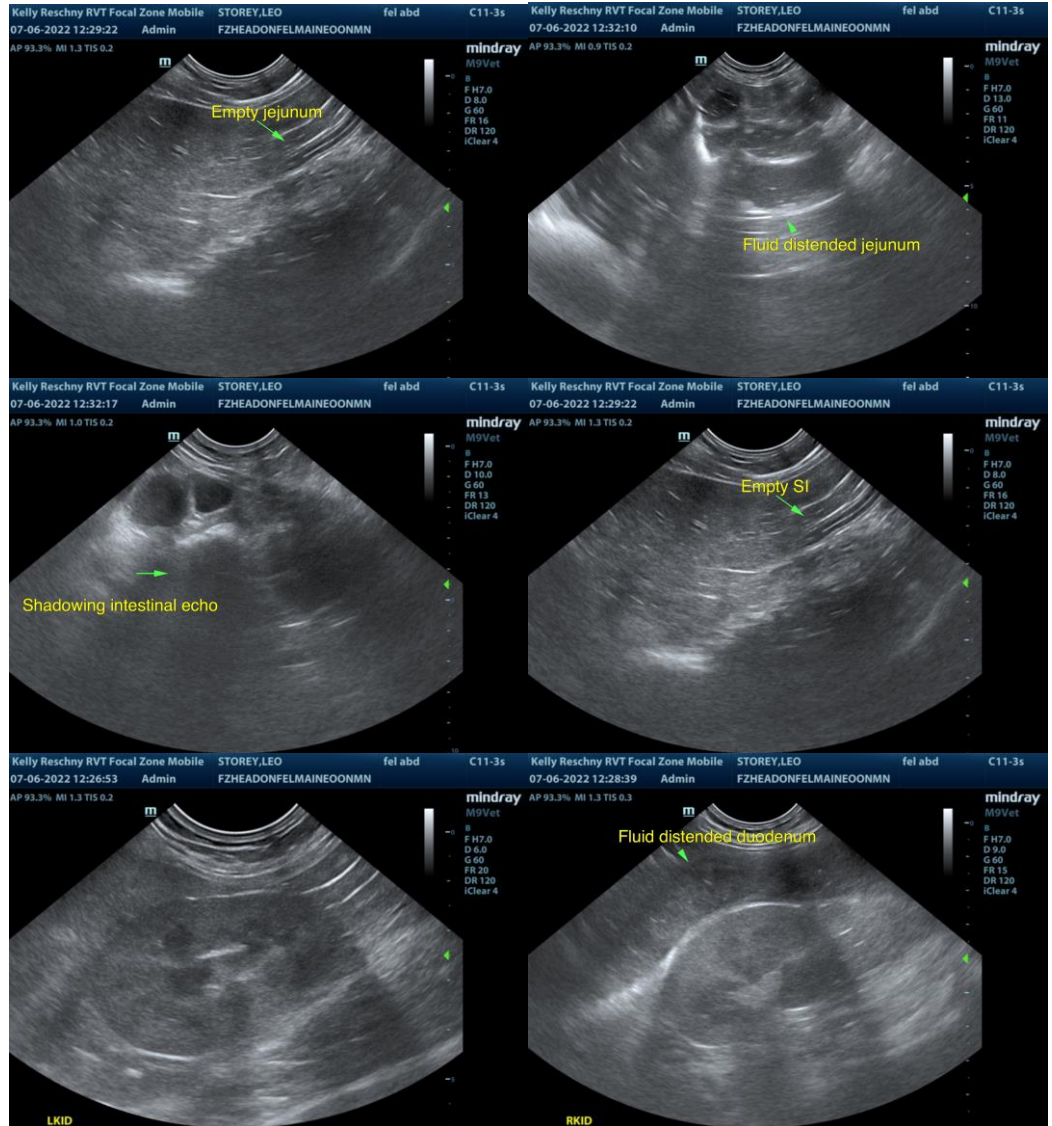
Dr. Teminski

INVOICE

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DATE

7/6/22





PATIENT

Leo Storey

SPECIES

Feline

BREED

Maine Coon

SEX

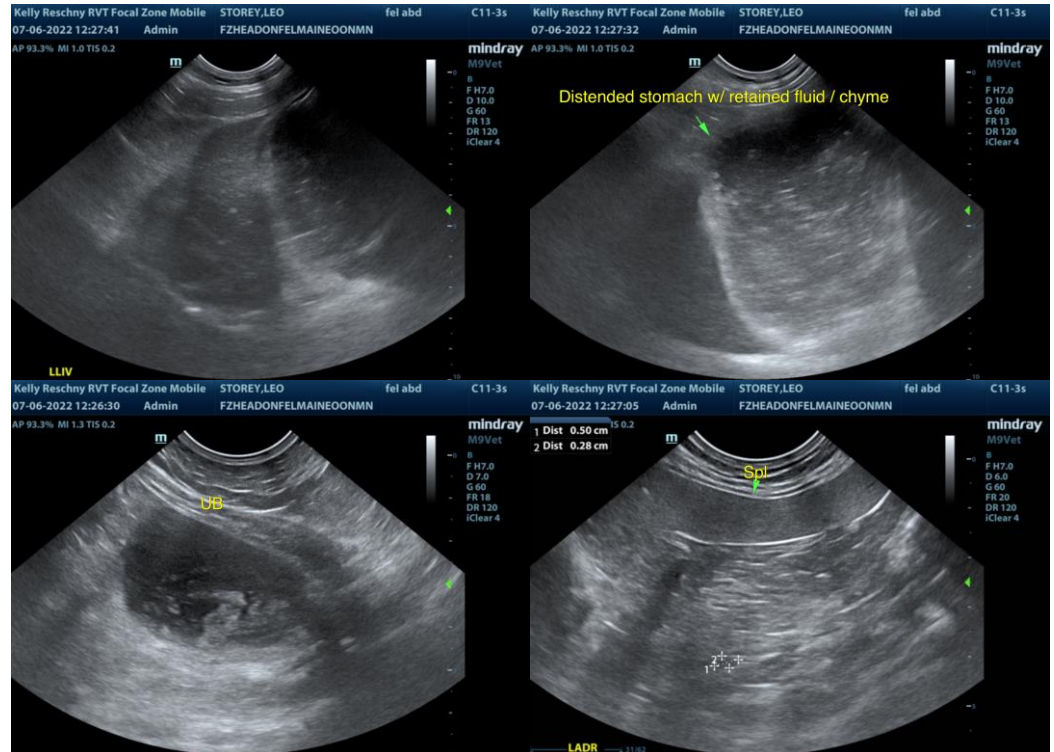
MN

AGE

2 years

WEIGHT

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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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