



PATIENT	PRESENTING CLINICAL SIGNS
Adam Wheeler	Chronic intermittent Hx of inappetence. This bout has been 6 days, despite anti-nausea and appetite stimulant meds. Rads 3 days ago suggested constipation with gas dilatation orad. Enema diminished colonic gas pattern but P remains inappetent.
SPECIES	Abnormal PE/Chem/CBC/UA Results: Taken at other clinic Jan 13, 2023. CBC and Chem results well within normal reference ranges
Feline	
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
DSH	Urinary System
SEX	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 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.
MN	
AGE	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilatation was present. The left kidney measured 4.2 cm in length. The right kidney measured 4.4 cm in length.
13yr	
WEIGHT	The area of the aortic trifurcation was free of pathology.
19.5lb	Adrenal Glands
INTERPRETED BY	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.45 cm width. No overt pathology in the area of the right adrenal gland.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Spleen
IMAGING PERFORMED BY	The spleen exhibited normal size and areas of minor capsule asymmetry. Subtle parenchymal heterogeneity with intermittent non-disruptive hyperechoic nodules was present, an example of a nodule measured 0.35 cm in diameter. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. The spleen measured 0.78 cm in width at the level of the hilus.
Alex Emerson	Liver/Gallbladder
HOSPITAL NAME	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 proximal common bile duct was mild to moderately dilated and tortuous without overt post hepatic obstruction.
Animal Clinic of Casselberry	Gastrointestinal
REFERRING VET	The visible gastric walls exhibited intact wall layering without mural pathology or hypertrophy. The stomach contained echogenic to progressively shadowing ingesta suggestive of a hairball density or similar extending into the area of the pylorus. The area of gastric ingesta/shadowing measured ~ 2.0 cm in diameter.
Alex Emerson	
INVOICE	
13156ag	
DATE	
03/13/2023	



PATIENT

Adam Wheeler

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 measured 0.30 cm width. The jejunum wall measured 0.20 cm width.

SPECIES

Feline

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

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.

BREED

DSH

Free Abdomen

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

SEX

MN

ULTRASONOGRAPHIC FINDINGS

- Shadowing gastric ingesta-suggestive of hairball density or similar.
- Sonographically unremarkable small bowel/colon.
- Sonographically unremarkable pancreas.
- Non-distended gallbladder with non-obstructive proximal CBD dilation.

AGE

13yr

Secondary findings

- Discrete splenic nodules - consistent with likely benign small myelolipomas.

WEIGHT

19.5lb

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The finding of proximal common bile duct dilation may suggest age related changes or secondary to underlying cholangitis / cholangiohepatitis especially if previous or current liver enzymes elevations have been noted. No overt signs of post hepatic obstruction.

INTERPRETED BY

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

In the face of reported persistent inappetence and assuming documented NPO, the shadowing gastric ingesta is strongly concerning for hairball type density or similar appearing gastric foreign material. No evidence of small intestinal obstructive pattern is present. Considerations may include sonographic reassessment in 24 hours following IVF and GI supportive care and document NPO. If persistent shadowing gastric ingesta, endoscopy and/or exploratory laparotomy with gastric evacuation +/- GI biopsies to assess for structurally insignificant GI disease as a contributing factor should be considered.

IMAGING PERFORMED BY

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HOSPITAL NAME

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Three view chest radiographs are recommended if not done to assess for occult thoracic/esophageal pathology prior to surgical considerations.

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REFERRING VET

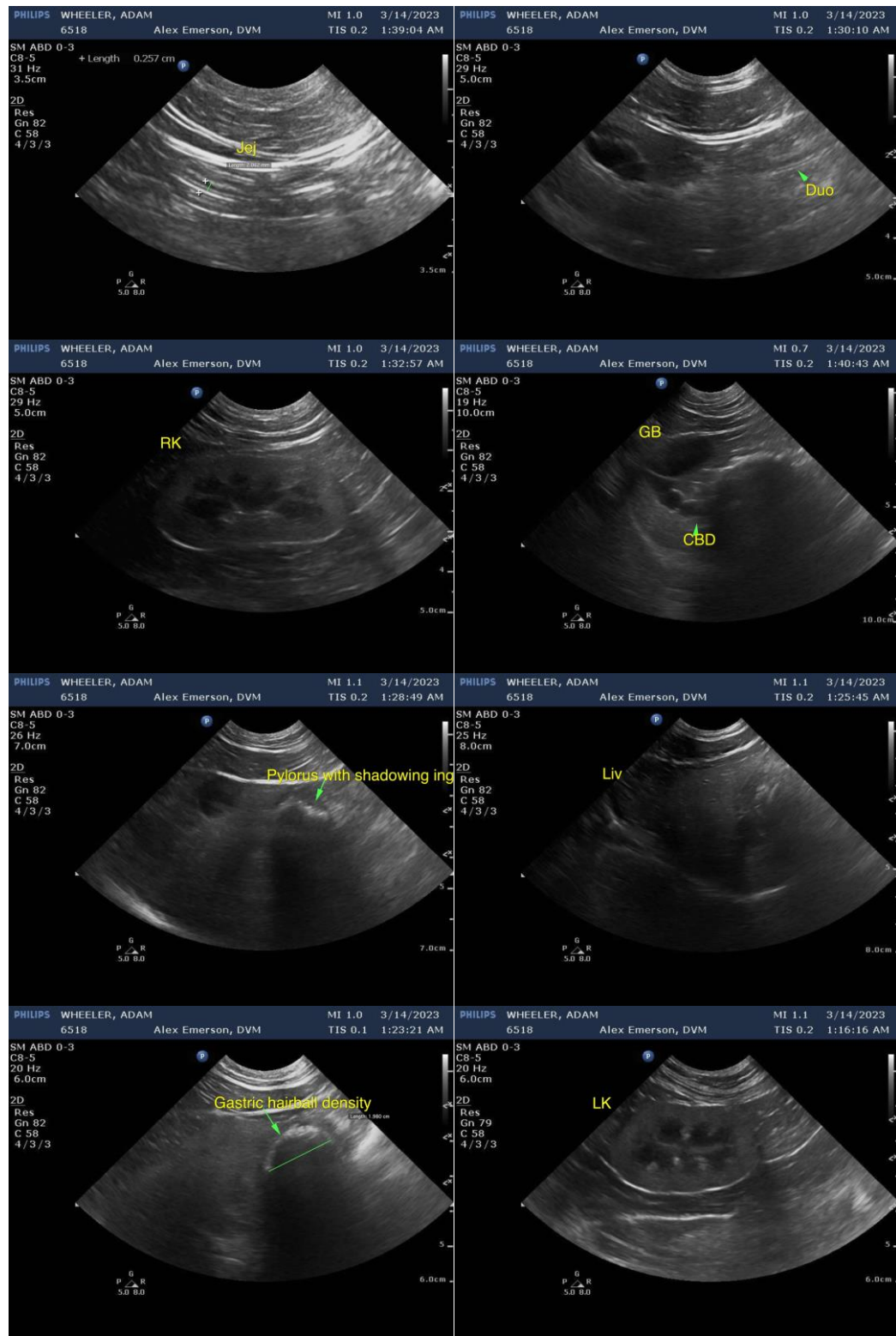
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SPECIES

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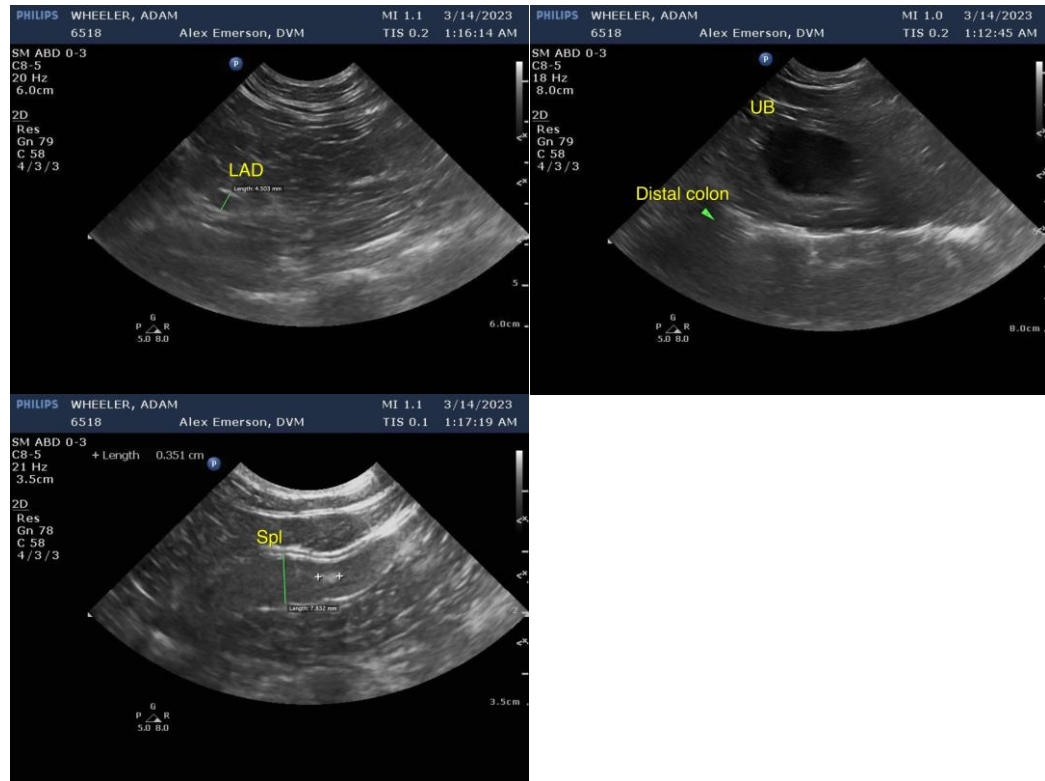
MN

AGE

13yr

WEIGHT

19.5lb



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(Canine and Feline)

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.

IMAGING PERFORMED BY

Alex Emerson

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