

PATIENT

Brodie Binx Barlow

SPECIES

Feline

BREED

Scottish Fold

SEX

MN

AGE

14 months

WEIGHT

7.56 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

West Eugene AH

REFERRING VET

Dr. Powers

INVOICE

14564

DATE

8/11/22

Lethargic and repeatedly vomiting green fluid since 8/9/22. Not eating or drinking. P vomited 2 large hairballs a week ago, but was fine for several days before lethargy and anorexia started. P is indoor only with no changes in diet, no known dietary indiscretions, no known toxin ingestion, and no known plant ingestion. He is known to play with string, but hasn't had access to string lately. Uncomfortable in cranial abdomen, lethargic, and moderately dehydrated, but remainder of physical exam WNL. No string noted under tongue. Temp 101.0, HR 180, RR 20.

Abnormal PE/Chem/CBC/UA Results: CBC/chem: ALT 553, BUN 72, CRE 2.3, AMY 1760, GLU 318, ALB 5.3, TP 8.9, HCT 57.57, HGB 18.3, PLT 670. UA: USG > 1.050, protein 3+ Current Medications Cerenia, buprenorphine Radiographic Findings Fecal material/ingesta in transverse colon and proximal descending colon.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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 was noted.

The area of the aortic trifurcation was free of pathology.

Normal size and margination were 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 4.2 cm in length. The right kidney measured 4.0 cm in length.

Adrenal Glands

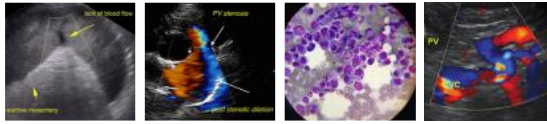
The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.46 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.42 cm width.

Spleen

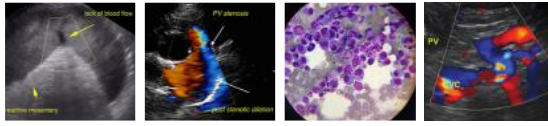
The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

Liver/ Gallbladder

The liver presented normal in size. The hepatic parenchyma revealed diffuse reduced echogenicity compared to the spleen and renal cortical parenchyma with a mild coarse echotexture. Increased portal vein prominence was evident. The capsule of the liver was normal in margination. Distinct



PATIENT	masses or nodules were not evident. The hepatic and portal vasculature were normal in appearance. The gallbladder was non-distended in size containing anechoic luminal content. The cystic and common bile ducts were normal.
Brodie Binx Barlow	
SPECIES	<i>Gastrointestinal</i>
Feline	The stomach was markedly distended with retained primarily anechoic fluid and suspected mild mucus. No overt evidence of mechanical pyloric outflow obstruction or obstructive pyloric mural pathology was noted.
BREED	
Scottish Fold	The upper duodenum exhibited concurrent marked fluid distention with strongly shadowing subjective spherical echo noted in the upper to mid duodenum measuring approximately 1.8 cm in diameter. Empty normal-appearing duodenum and jejunum distal to the echo and to the level of the ileocolic junction was present. No overt evidence of additional areas of mechanical / metabolic intestinal ileus or obstructive pattern were noted.
SEX	
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14 months	Normal visible colon wall layers were present with apparent formed shadowing fecal matter in lumen.
WEIGHT	
7.56 lbs.	
INTERPRETED BY	<i>Free Abdomen</i>
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	No overt lymphadenopathy or peritoneal effusion was present.
IMAGING PERFORMED BY	ULTRASONOGRAPHIC FINDINGS
Sara Hansen	<ul style="list-style-type: none">• Marked gastric and upper duodenal fluid distention• Strongly shadowing subjective spherical echo in upper to mid duodenum• Acute hepatopathy - suspect reactive hepatopathy vs. primary or secondary inflammatory hepatopathy• Overtly normal bilateral kidneys
HOSPITAL NAME	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
West Eugene AH	This study is consistent with obstructive foreign body in the upper to mid duodenum with secondary marked gastric and upper duodenal distention with retained fluid. Normal-appearing empty small intestine distal to the strongly shadowing duodenal echo was noted.
REFERRING VET	
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14564	Stabilization and correction of dehydration, given the degree of azotemia, with as-needed hepatic support is recommended. Exploratory laparotomy with expectation toward duodenotomy is recommended when the patient is stabilized.
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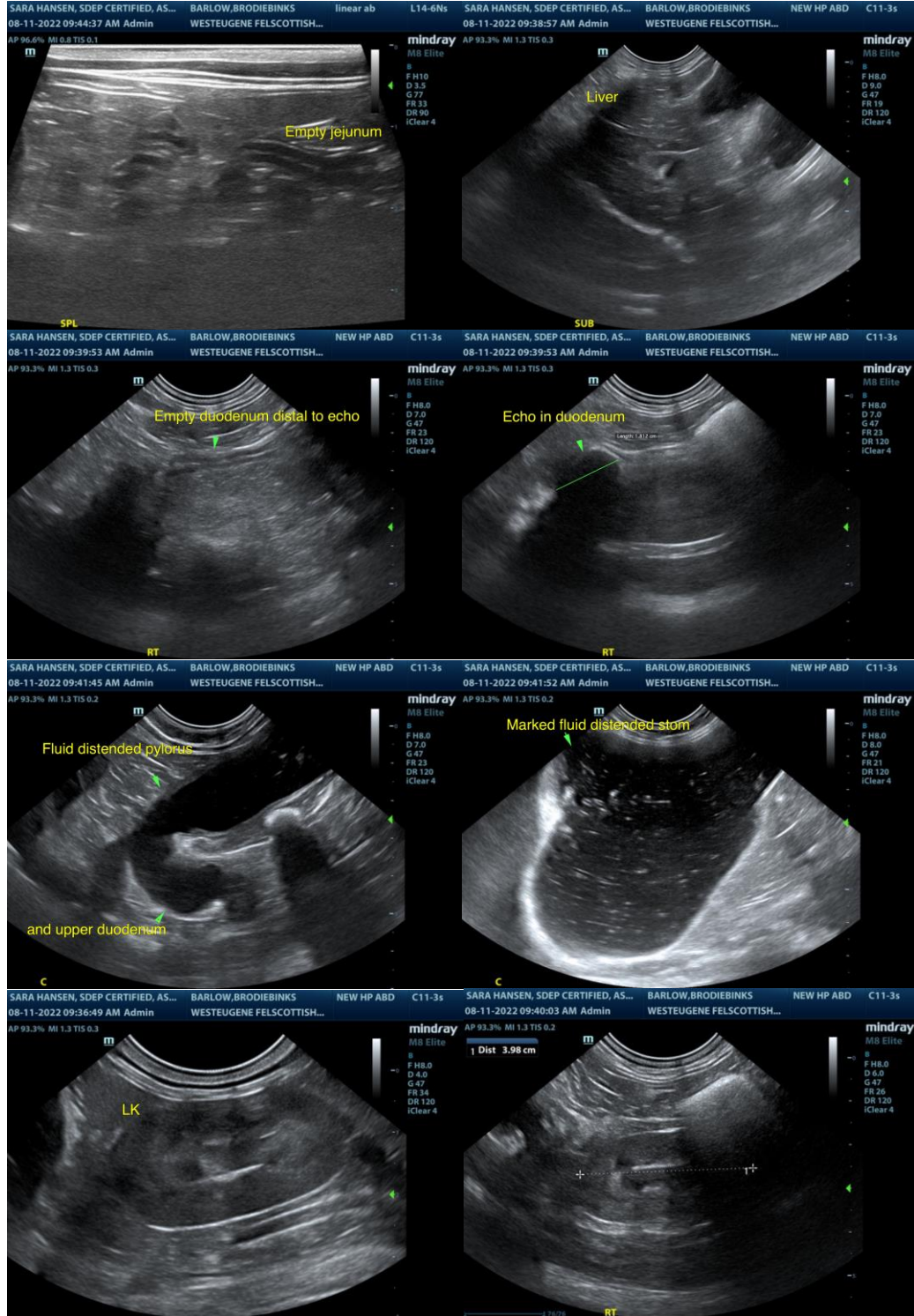
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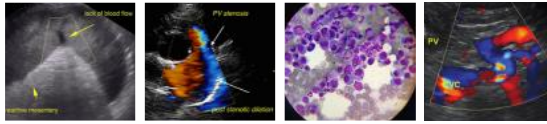
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com