



PATIENT	PRESENTING CLINICAL SIGNS
Buster Stocking	Vomiting since sat. 4/23/22 am. Known to eat multiple things. Part of baseball cap brim missing 4/23 am Abnormal PE/Chem/CBC/UA Results: See attached labs: CBC- Erythrocytosis
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	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.
Mixed	
SEX	The residual prostate was free of pathology.
Neutered Male	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 5.7 cm. The right kidney measured 5.6 cm.
AGE	
12 Months	The area of the aortic trifurcation was free of pathology.
WEIGHT	Adrenal Glands
34 Pounds	No overt pathology in the area of the left and right adrenal glands.
INTERPRETED BY	Spleen
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	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.
IMAGING PERFORMED BY	Liver
Jasmine Palacios	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.
HOSPITAL NAME	Gastrointestinal
Rivers Edge PMC	The stomach exhibited intact yet normal to mildly prominent wall layering. The stomach was moderately distended with retained primarily anechoic fluid. Potential for focal non-specific hyperechoic ingesta echoes in the stomach. No evidence of mechanical pyloric outflow obstruction.
REFERRING VET	
Dr. Travis Gibson	The duodenum extending into the area of the jejunum exhibited mild to moderate yet variable fluid retention with multifocal linear-like hyperechoic echoes. Focal, strongly shadowing intestinal luminal echo measuring approximately 3.5 cm in diameter present in the subjective mid abdomen. Suspect emerging minor plication noted in adjacent intestinal segment with potential for concurrent linear foreign body. Segments of empty small intestine without evidence of mechanical/metabolic ileus and maintained 1:3 muscularis/mucosa ratio noted likely distal to the strongly shadowing echo. Subtle evidence of peri intestinal reactive mesentery. No overt evidence of free fluid.
INVOICE	
37142	
DATE	Normal visible colon wall layers were present with apparent formed feces in lumen.
4/25/22	



PATIENT

Pancreas

Buster Stocking

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.

SPECIES

Canine

Free Abdomen

Focal to intermittent enlarged mesenteric lymph nodes were present. Example measured 3.4 cm x 1.1 cm. These lymph nodes were homogenous, mildly hypoechoic and smoothly marginated. A normal width: length ratio was maintained (<0.5). Evidence of perilymphatic inflammation was evident.

BREED

Mixed

ULTRASONOGRAPHIC FINDINGS

SEX

Neutered Male

- Fluid distended stomach
- Focal, strongly shadowing intestinal luminal echo with suspect adjacent emerging to minor intestinal plication pattern
- Concurrent segmental intestinal obstructive pattern containing anechoic fluid with multiple small linear-like, hyperechoic echoes, likely proximal to the strongly shadowing echo, empty normal appearing small intestine without mechanical/metabolic ileus likely distal.
- Subtle peri intestinal reactive mesentery with focal to intermittent benign/reactive mesenteric lymph nodes.

AGE

12 Months

WEIGHT

34 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Strongly shadowing intestinal luminal echo consistent with foreign material such as cloth fabric or similar with potential for concurrent emerging adjacent linear foreign body and proximal gastrointestinal obstructive pattern. Exploratory laparotomy with expectation toward enterotomy to potential enterotomies along with gross inspection of the generalized gastrointestinal tract recommended.

INTERPRETED BY

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

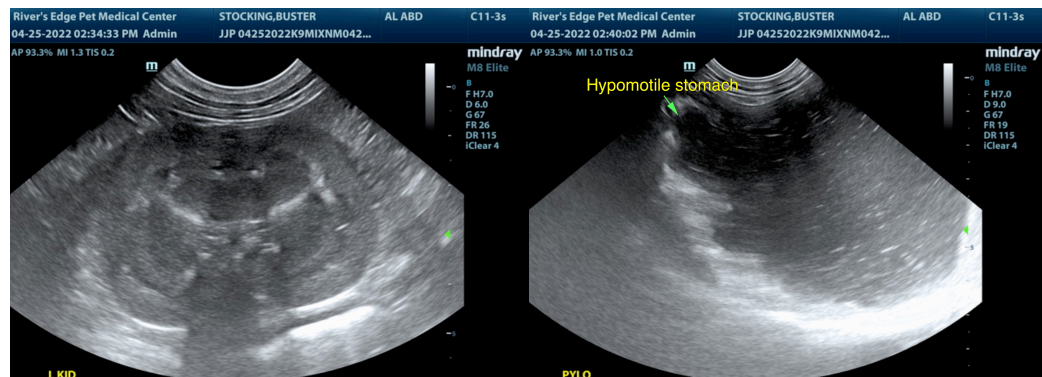
Overall, subjectively the intestinal walls exhibited intact wall layering without overt evidence of significant inflammatory criteria or peritonitis. However, potential for resection and anastomosis cannot be definitively excluded, and would be determined based on gross examination of the intestinal tract.

IMAGING PERFORMED BY

Jasmine Palacios

HOSPITAL NAME

Rivers Edge PMC



REFERRING VET

Dr. Travis Gibson

INVOICE

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PATIENT

Buster Stocking

SPECIES

Canine

BREED

Mixed

SEX

Neutered Male

AGE

12 Months

WEIGHT

34 Pounds

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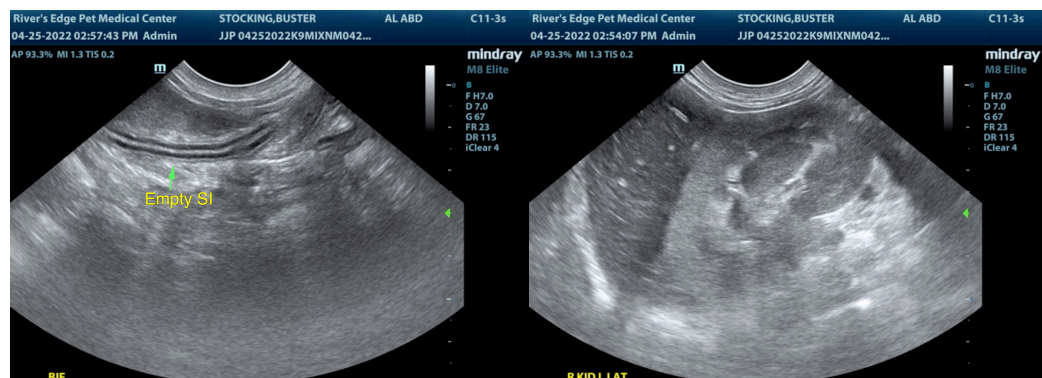
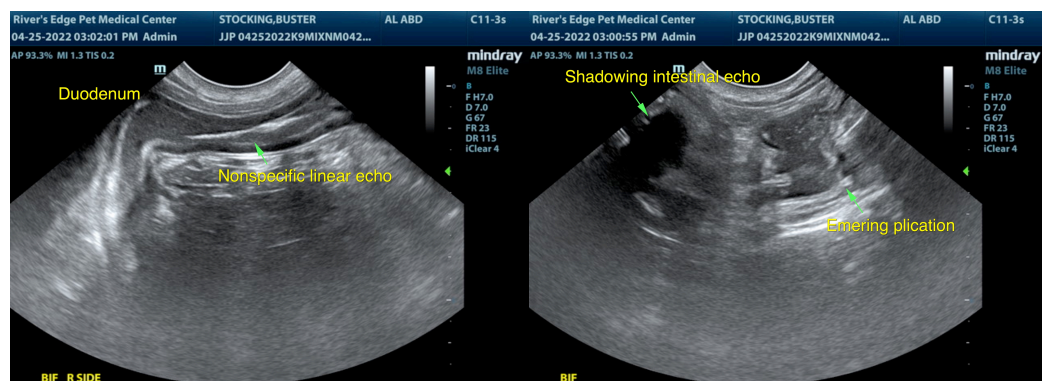
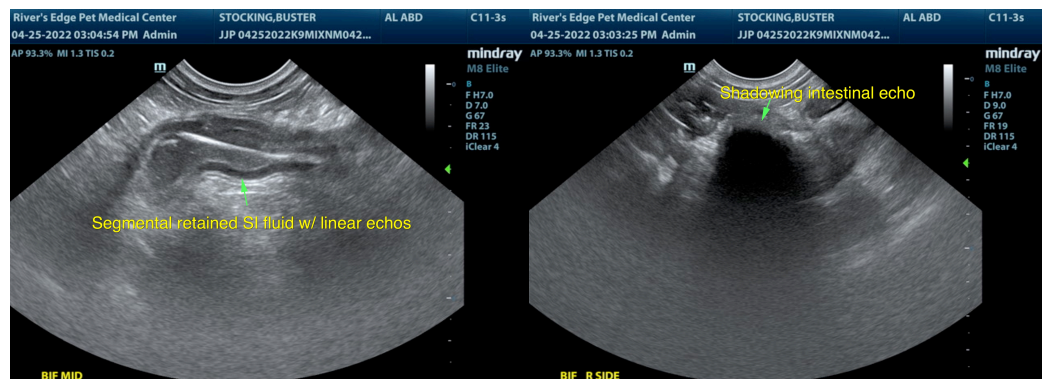
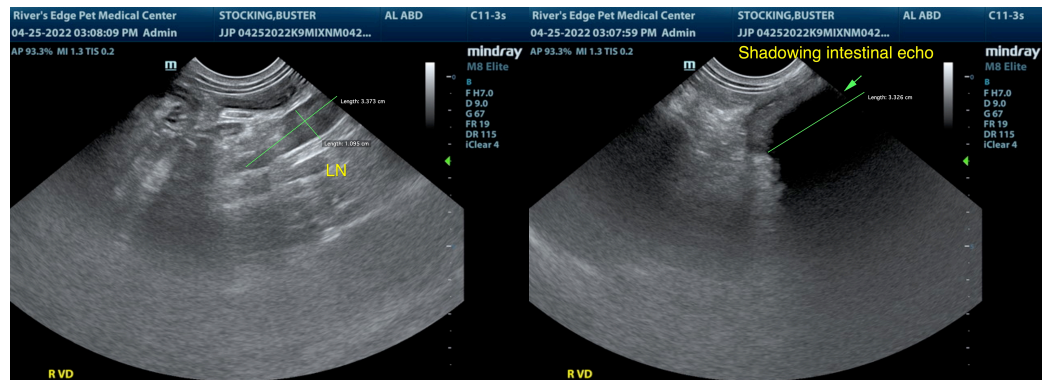
Dr. Travis Gibson

INVOICE

37142

DATE

4/25/22





PATIENT

Buster Stocking

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.

SPECIES

Canine

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

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Mixed

SEX

Neutered Male

AGE

12 Months

WEIGHT

34 Pounds

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