



PATIENT	PRESENTING CLINICAL SIGNS
Wilder Martorelli	vomiting. Possible mid abdominal mass on AXR. Prominent colonic gas pattern. Normal labs. Rule out FB.
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 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.
Collie Mix	
SEX	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 6.1 cm in length. The right kidney measured 6.2 cm in length.
MN	
AGE	The area of the aortic trifurcation was free of pathology.
1yr	The area of the residual prostate appeared normal and free of pathology.
WEIGHT	Adrenal Glands
18kg	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.31 cm width at the caudal pole and 0.35 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.34 cm width at the caudal pole and 0.44 cm width at the cranial pole.
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/Gallbladder
Dave Stasiuk	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
Fish Creek Pet Hospital	The stomach presented wall thickening secondary to echogenic mucosa hypertrophy. Intact wall layering was maintained and distinct. Mild gastric distension with primarily anechoic fluid was present. The pylorus wall measured 0.55 cm in width.
REFERRING VET	
Fish Creek Pet Hospital	
INVOICE	
13485ag	The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the duodenum contained a mild amount of non-shadowing ingesta/chyme with no signs of ileus, obstruction or foreign material. The duodenum wall measured 0.40 cm width. The jejunum wall measured 0.40 cm width.
DATE	
04/15/2023	



PATIENT

Normal visible colon wall layers were present with subjective soft feces in lumen.

Wilder Martorelli

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.

Canine

Free Abdomen

BREED

No omental masses or peritoneal effusion was present.

Collie Mix

Focal, mildly prominent to enlarged mid abdominal mesenteric lymph nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum with subtle evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). An example of a lymph node measured 3.1 cm x 0.9 cm.

SEX

MN

ULTRASONOGRAPHIC FINDINGS

AGE

1yr

- Gastroenteritis pattern - no evidence of FB or mechanical GI obstruction
- Associated reactive / benign mesenteric LNs - secondary reactive hyperplasia or mild lymphadenitis owing to inflammatory bowel episode.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

18kg

No evidence of GI foreign material or mechanical obstructive pattern. Supportive care for gastroenteritis/acute inflammatory bowel episode should prove beneficial.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dave Stasiuk

HOSPITAL NAME

Fish Creek Pet
Hospital

REFERRING VET

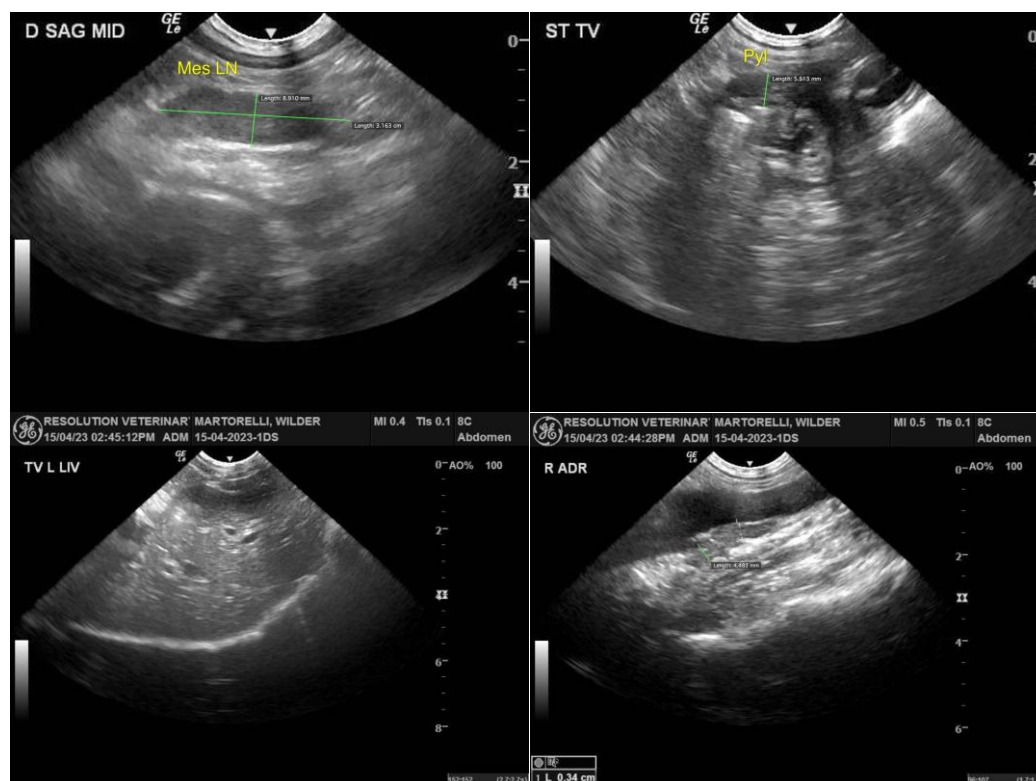
Fish Creek Pet
Hospital

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DATE

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PATIENT

Wilder Martorelli

SPECIES

Canine

BREED

Collie Mix

SEX

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AGE

1yr

WEIGHT

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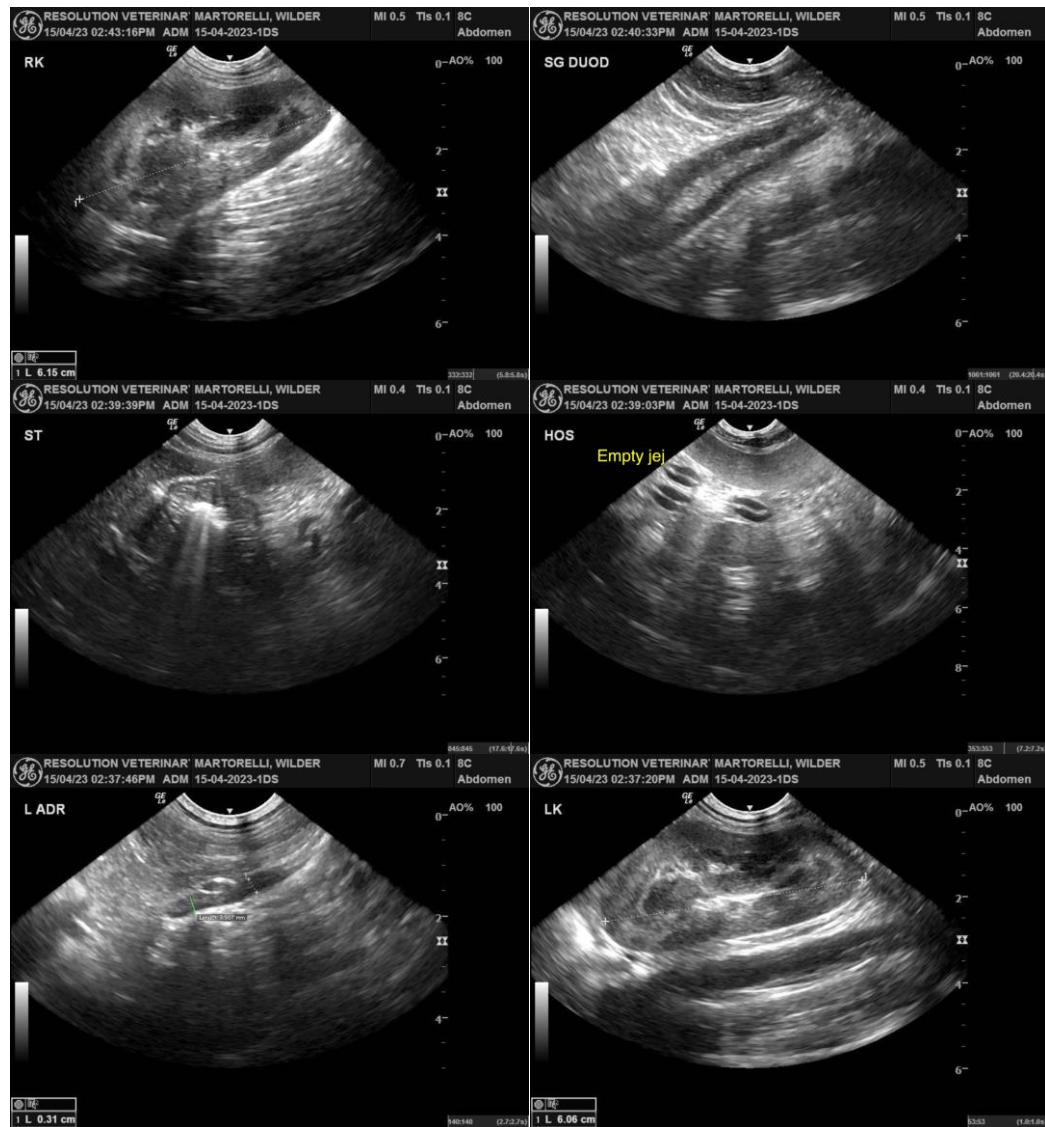
Fish Creek Pet
Hospital

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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)
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