



PATIENT	PRESENTING CLINICAL SIGNS
Milo Betancur	-vomiting socks, suspect FB or lesion in intestinal tract on rads
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 was noted.
Mix	
SEX	The residual prostate was expected presentation for a young intact male canine.
Intact Male	
AGE	The area of the aortic trifurcation was free of pathology.
7 months	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 7.2 cm in length. The right kidney measured 7.3 cm in length.
WEIGHT	
76.5 lbs.	
INTERPRETED BY	Adrenal Glands
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.8 cm length x 0.43 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 3.1 cm length x 0.55 cm width at the caudal pole.
IMAGING PERFORMED BY	Spleen
Diane McFadden	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.
HOSPITAL NAME	Liver/ Gallbladder
Rockaway AH	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.
REFERRING VET	Gastrointestinal
Dr. Maniar	The stomach presented wall thickening secondary to echogenic mucosa hypertrophy. Intact wall layering was maintained and distinct. Mild gastric distension with minor retained primarily anechoic fluid was present. No evidence of retained ingesta or gastric foreign material.
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	The small intestine presented intact wall layering and maintained a 1:3 muscularis/mucosa ratio with focal areas of intestinal corrugation which may indicate focal areas of small bowel hyperperistalsis. No



PATIENT	evidence of mechanical or metabolic small intestinal ileus, obstruction, or foreign material was noted. Minor areas of retained small bowel chyme were also noted.
Milo Betancur	
SPECIES	Normal visible colon wall layers were present with apparent formed feces in lumen.
	Pancreas
Canine	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.
BREED	
Mix	
SEX	Free Abdomen
Intact Male	Focal midabdominal mesenteric lymph node was present. The lymph node was homogenous, mildly hypoechoic and smoothly marginated. A mildly abnormal width: length ratio (>0.5) was noted. Evidence of perilymphatic inflammation was evident. The lymph node size was 2.6 cm x 2.0 cm. Additional intermittent more reactive appearing mesenteric lymph nodes were also present and exhibited normal width: length ratio (<0.5). No evidence of peritoneal effusion was noted.
AGE	
7 months	
WEIGHT	ULTRASONOGRAPHIC FINDINGS
76.5 lbs.	Primary Findings
INTERPRETED BY	<ul style="list-style-type: none"> Gastroenteritis pattern - subjectively acute Focal mesenteric lymphadenitis with additional intermittent reactive mesenteric lymphadenopathy
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	
IMAGING PERFORMED BY	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
Diane McFadden	Overt evidence of gastrointestinal foreign material or mechanical obstruction was not present in this study. Alternatively, acute inflammatory bowel episode with concurrent focal mesenteric lymphadenitis is likely. Conservative therapy for gastroenteritis which may include Zithromax / Metronidazole antibiotic combination, given the suspected lymphadenitis is recommended. No indication for immediate surgical intervention was noted. Recheck sonogram may be considered to assess for progressive inflammatory gastrointestinal or lymphatic changes if persistent GI signs are noted.
HOSPITAL NAME	
Rockaway AH	
REFERRING VET	
Dr. Maniar	
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PATIENT

Milo Betancur

SPECIES

Canine

BREED

Mix

SEX

Intact Male

AGE

7 months

WEIGHT

76.5 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

Rockaway AH

REFERRING VET

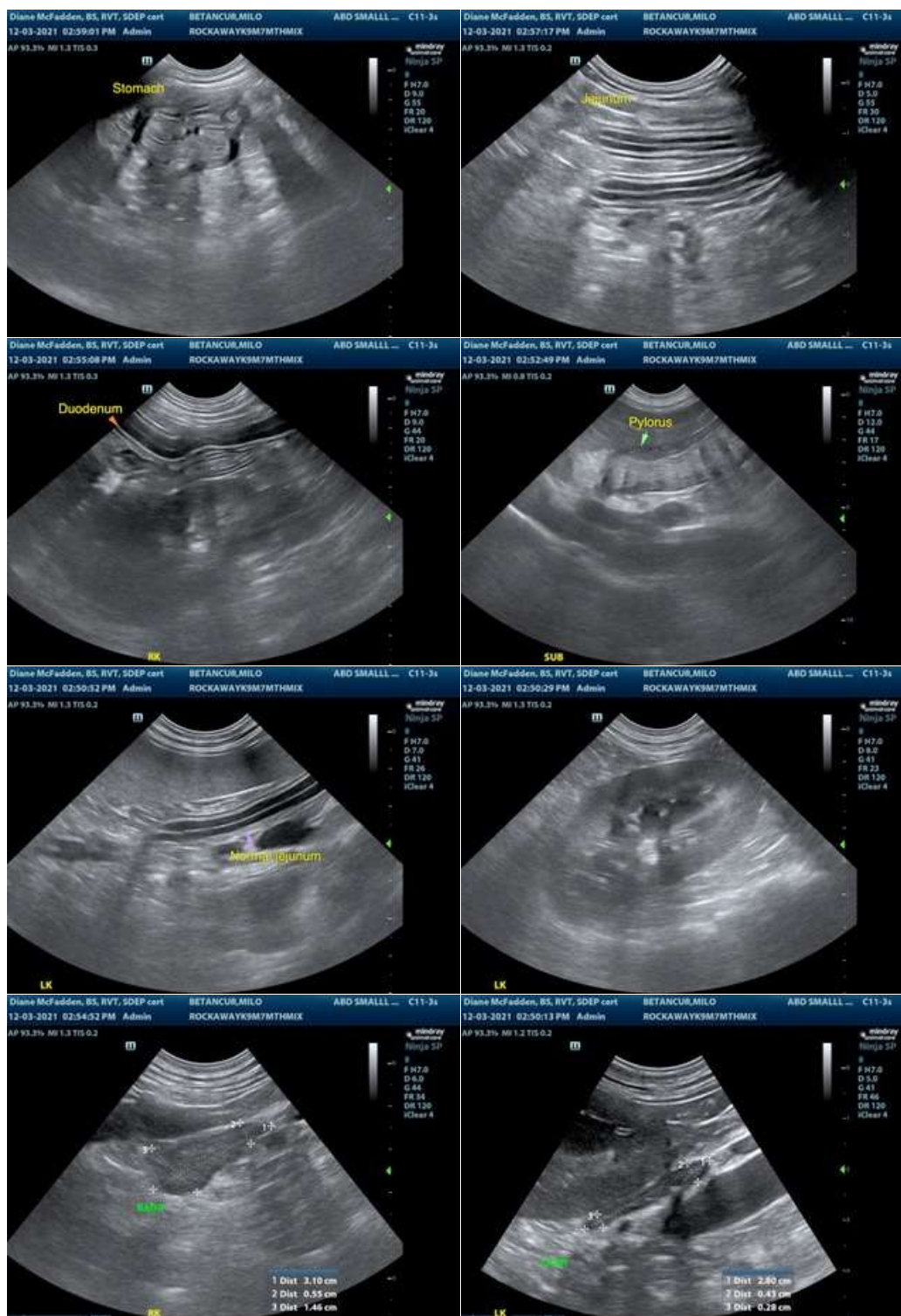
Dr. Maniar

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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



PATIENT

Milo Betancur

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.

SPECIES

Canine

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

BREED

Mix

SEX

Intact Male

AGE

7 months

WEIGHT

76.5 lbs.

INTERPRETED BY

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DVM, DABVP
(Canine and Feline)

**IMAGING
PERFORMED BY**

Diane McFadden

HOSPITAL NAME

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