



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Bob Messing	anorexia, V/D diarrhea was orange
<b>SPECIES</b>	<b>ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN</b>
Canine	<b>Urinary System</b>
<b>BREED</b>	The urinary bladder, trigone, and cystourethral junction 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.
Yorkie	
<b>SEX</b>	No overt pathology associated with the residual prostate was noted.
NM	The area of the aortic trifurcation was free of pathology.
<b>AGE</b>	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. Focal areas of non-obstructive medullary mineral were present in both kidneys, primarily in the right. The left kidney measured 4.2 cm in length. The right kidney measured 4.6 cm in length.
8	
<b>WEIGHT</b>	
14.6	
<b>INTERPRETED BY</b>	<b>Adrenal Glands</b>
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 1.9 cm length x 0.64 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 2.1 cm length x 0.72 cm width at the caudal pole.
<b>IMAGING PERFORMED BY</b>	<b>Spleen</b>
Jenn	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.
<b>HOSPITAL NAME</b>	<b>Liver/ Gallbladder</b>
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.
<b>REFERRING VET</b>	<b>Gastrointestinal</b>
Dr. Maniar	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material.
<b>INVOICE</b>	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.
12730	
<b>DATE</b>	
12/4/21	



**PATIENT**

Bob Messing

The colon walls presented intact yet mildly prominent wall layering with mild thickened to echogenic submucosa. Non-formed feces consistent with diarrhea was present in the colon lumen with lumen dilation.

**SPECIES**

Canine

**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 were evident.

**BREED**

Yorkie

**Free Abdomen**

**SEX**

No overt lymphadenopathy or peritoneal effusion was present.

NM

**ULTRASONOGRAPHIC FINDINGS**

**AGE**

8

**Primary Findings**

- Mild colitis with likely gastroenteritis

**WEIGHT**

14.6

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No evidence of mechanical or metabolic gastrointestinal obstruction was noted. The potential for low-grade pancreatitis may be present yet ultrasonographically normal. Fresh fecal analysis to assess for parasitic ova / Giardia +/- a GI panel to include PLI/TLI/Cobalamin/Folate may be considered.

**INTERPRETED BY**

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

Atypical Addison's Disease is considered unlikely, given the normal sonographic presentation of the bilateral adrenal glands. Conservative therapy for gastroenterocolitis should prove beneficial.

**IMAGING PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockaway AH

**REFERRING VET**

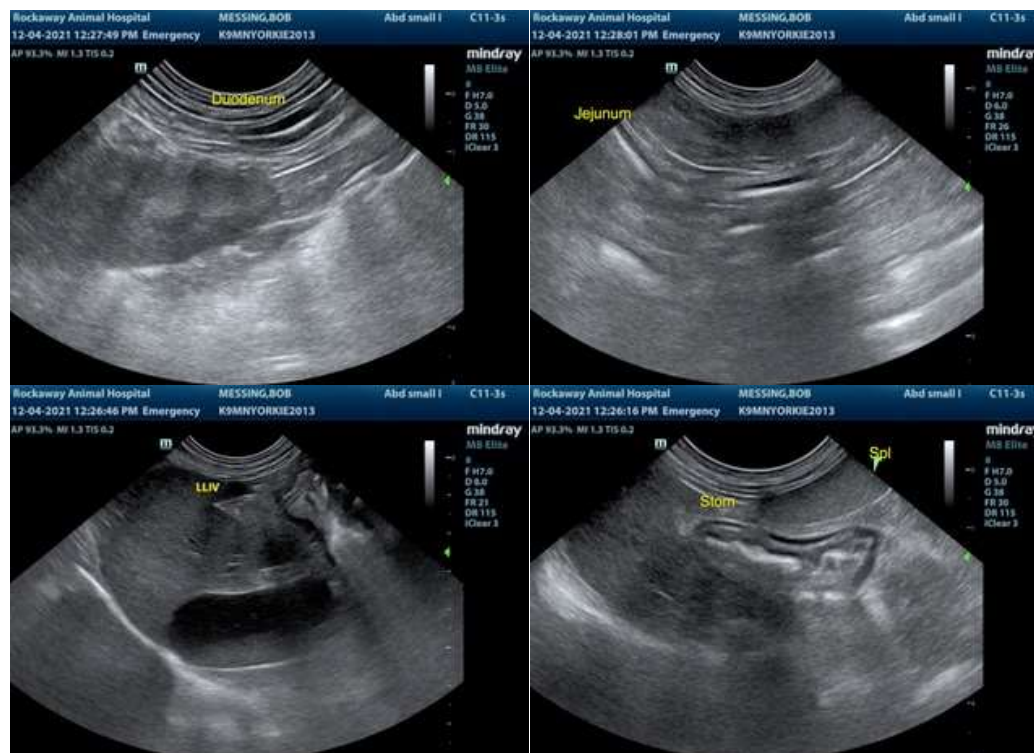
Dr. Maniar

**INVOICE**

12730

**DATE**

12/4/21





**PATIENT**

Bob Messing

**SPECIES**

Canine

**BREED**

Yorkie

**SEX**

NM

**AGE**

8

**WEIGHT**

14.6

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockaway AH

**REFERRING VET**

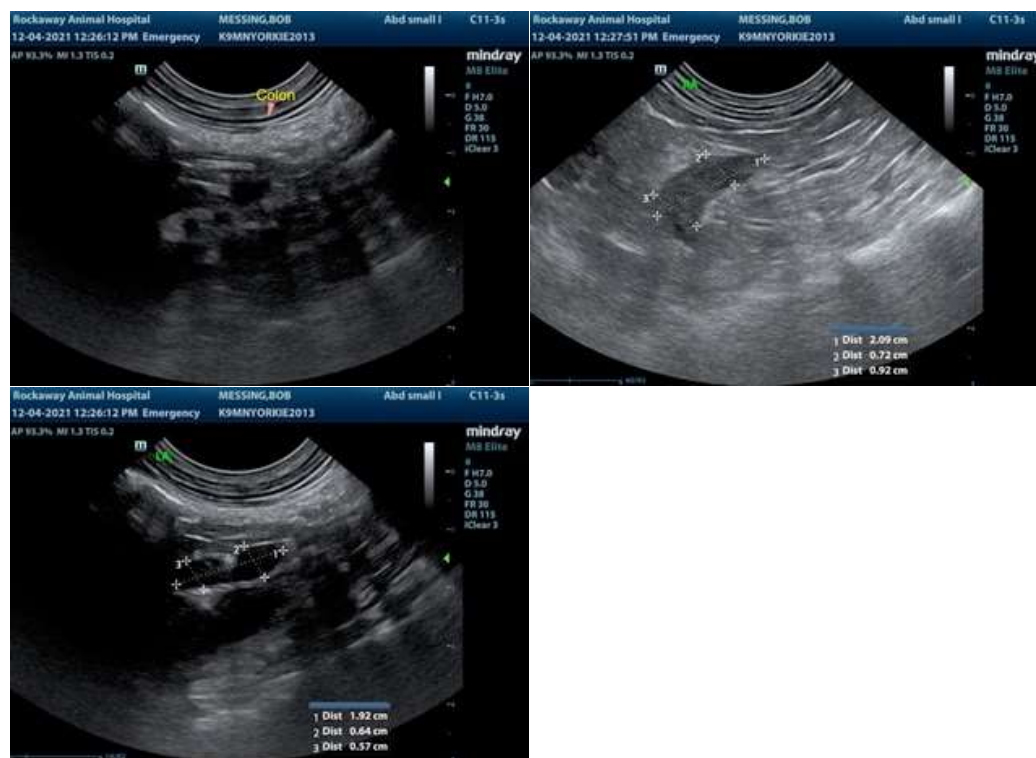
Dr. Maniar

**INVOICE**

12730

**DATE**

12/4/21



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.

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