



**PATIENT**

Thor Mirowsky

**PRESENTING CLINICAL SIGNS**

vomiting at home and in hospital

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder 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.

**BREED**

Shepherd X

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. The right kidney measured 6.2 cm.

**SEX**

Neutered Male

The area of the aortic trifurcation was free of pathology.

**AGE**

2 Years

**Adrenal Glands**

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 3.0 cm length x 0.78 cm at the caudal pole. The left adrenal gland measured 2.6 cm length x 0.54 cm at the caudal pole.

**WEIGHT**

62.5

**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.

**INTERPRETED BY**

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

**Liver**

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.

**IMAGING PERFORMED BY**

Jenn

**Gastrointestinal**

**HOSPITAL NAME**

Rockaway AH

The stomach presented intact yet subjective mild prominent wall layering. The lumen of the stomach was primarily empty with mild luminal gas. No evidence of retained ingesta, fluid or foreign material. Gastric body wall measured 0.40 cm.

**REFERRING VET**

Dr. Maniar

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. Jejunum wall measured 0.30 cm.

**INVOICE**

25150

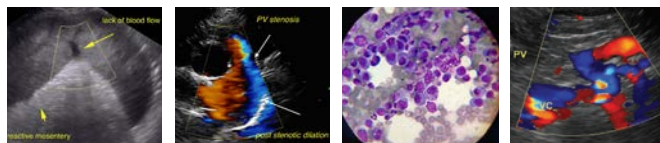
Normal visible colon wall layers were present with subjective formed to semiformed feces.

**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 was evident.

**DATE**

9/2/21



**PATIENT**

**Free Abdomen**

Thor Mirowsky

No overt lymphadenopathy or peritoneal effusion was present.

**SPECIES**

Canine

**ULTRASONOGRAPHIC FINDINGS**

- Sonographically unremarkable abdomen

**BREED**

Shepherd X

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No evidence of visceral gastrointestinal pathology including no evidence of mechanical or metabolic gastrointestinal ileus or foreign material. Dietary intolerance/food hypersensitivity, occult parasitism or underlying inflammatory gastroenteropathy without evidence of mural changes possible. If diarrhea develops, potential for dysbiosis or alterations in GI flora may be considered given the breed. As needed supportive care for gastritis/gastroenteritis, which may include dietary therapy +/- broad-spectrum deworming (i.e., Panacur 50 mg/kg PO SID for at least 5 consecutive days should prove beneficial. If vomiting persists or recurs despite conservative therapy, resting cortisol may be considered to rule out occult Addison's disease, yet the bilateral adrenal glands appear to be normal.

**AGE**

2 Years

**WEIGHT**

62.5

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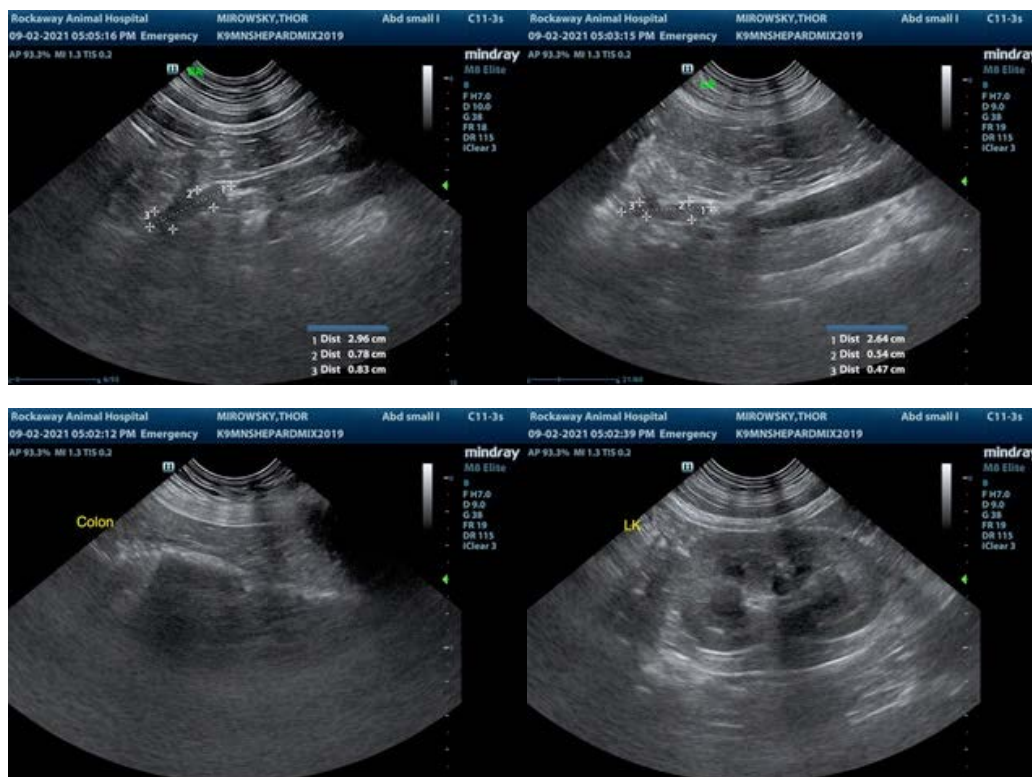
Dr. Maniar

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**PATIENT**

Thor Mirowsky

**SPECIES**

Canine

**BREED**

Shepherd X



**SEX**

Neutered Male

**AGE**

2 Years

**WEIGHT**

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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.

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.

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