



**PATIENT**

Mick Hanson

**SPECIES**

Canine

**BREED**

Maltese X

**SEX**

Neutered Male

**AGE**

2 Years

**WEIGHT**

12.6 Pounds

**INTERPRETED BY**

Tam Mengine, DVM,  
DABVP (canine/feline  
practice)

**IMAGING  
PERFORMED BY**

Dr. Tam Mengine

**HOSPITAL NAME**

Stoney Creek VH

**REFERRING VET**

Dr. Amanda Carmellini

**INVOICE**

44759

**DATE**

2/2/23

**PRESENTING CLINICAL SIGNS**

Seen at ER for vomiting 1/15 - normal CBC / Chem / CPLI, vomiting resolved quickly but persistent diarrhea since visit, no improvement with bland diet

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder is moderately distended with anechoic urine, and no luminal sediment is present. The ureteral papillae, trigone and pelvic urethra (visible to 3.0 cm) are of normal appearance, and the ureters are not visible (normal). No masses, calculi or mucosal irregularities are noted.

The prostate is of appropriate size for patient age and neutering status, with a homogenous parenchyma and smooth capsule. The prostatic urethra is non-dilated with normal margins).

The kidneys are of normal size and shape and exhibit appropriate corticomedullary differentiation with a normal 1:3 cortex to medulla ratio. There is no evidence of nephrolithiasis, mineralization, pyelectasia, cystic change or hydronephrosis. The proximal ureter is not visible (normal). The left kidney measured 3.8 cm. The right kidney measured 3.9 cm.

**Adrenal Glands**

The adrenal glands are both identified in their normal locations. They are normal in size and shape with appropriate parenchymal echogenicity and normal phrenic vasculature. The left adrenal gland measures 3.9 mm cranially and 4.1 mm caudally. The right adrenal gland measures 3.6 mm cranially and 3.7 mm caudally.

**Spleen**

The spleen is of appropriate size and has a normal, homogenous parenchyma with a smooth, continuous capsular surface. The splenic vasculature is normal with no evidence of congestion or thrombosis, and blood flow through the splenic hilus appears normal.

**Liver**

The liver is of appropriate size and shape, with sharp borders and a mildly coarse parenchymal echotexture that is hypoechoic to the spleen. The portal and hepatic vasculature are of normal size and appearance with no evidence of congestion or thrombosis.

The gallbladder is moderately distended with anechoic contents. The wall was thin and continuous with no focal lesions. The cystic and common bile ducts are normal / not visible.

**Gastrointestinal**

The stomach is empty. The gastric wall is normal in thickness (3.4 mm) with normal deviations due to rugal folds and exhibits appropriate wall layering. The pylorus is of normal appearance.

The visualized portions of the duodenum, jejunum, and ileum are of normal thickness with intact wall layering that exhibits the appropriate 1:3 muscularis to mucosa ratio. Duodenum wall measures 3.3 mm. Jejunum wall measures 3.1 mm. Intestinal motility appears normal.

The visible portions of the colon are of normal thickness (1.1 mm) with intact wall layering. The ileocecal junction is visualized and normal.



**PATIENT**

*Pancreas*

Mick Hanson

The areas of the limbs and body of the pancreas are isoechoic to the surrounding mesenteric fat, with normal capsular appearance. There is no evidence of peripancreatic inflammation. The pancreatic duct appears normal.

**SPECIES**

Canine

*Free Abdomen*

**BREED**

Maltese X

There is no evidence of free fluid within the peritoneal cavity. The omentum and intra-abdominal fat are of appropriate echogenicity. Enlarged abdominal lymph nodes are not observed. The aortic trifurcation has normal blood flow with no evidence of thrombosis.

**SEX**

Neutered Male

**PRIMARY FINDINGS**

- Normal canine abdomen

**AGE**

2 Years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

There are no changes on today's scan to explain the recent gastrointestinal signs. Additional recommendations include:

**WEIGHT**

12.6 Pounds

- ❖ fecal parasite testing and empiric fenbendazole treatment
- ❖ probiotic therapy
- ❖ bland diet
- ❖ treatment with parenteral fluids, antiemetics, antacids and gastroprotectants as clinically indicated.
- ❖ If signs persist, trials with a novel protein or hydrolyzed diet, a resting cortisol level and a GI panel could be considered.

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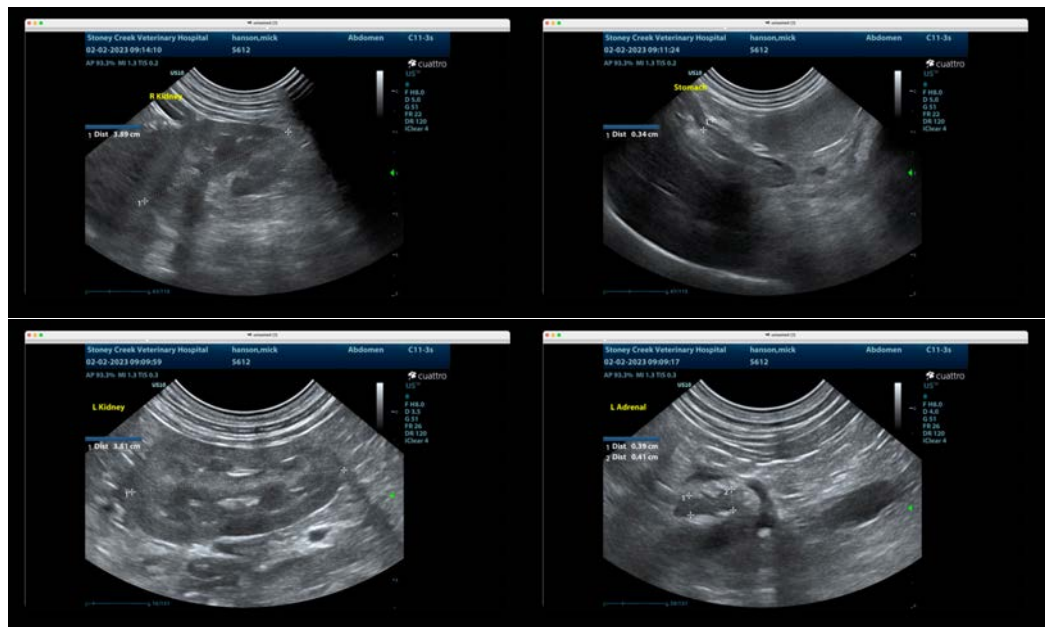
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Tam Mengine, DVM, DABVP (canine/feline practice)**

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