



**PATIENT**

Mickey Hoffman

**SPECIES**

Canine

**BREED**

Pug Mix

**SEX**

Neutered Male

**AGE**

11 Years

**WEIGHT**

22 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Marti Williams

**HOSPITAL NAME**

Limestone VH

**REFERRING VET**

Marti Williams

**INVOICE**

14031

**DATE**

2/21/22

**PRESENTING CLINICAL SIGNS**

History: Intermittent vomiting, several 2 day bouts of profuse vomiting during the episodes. Not painful to probe pressure in region of inflamed left limb of the pancreas. History of masticatory myositis, previously on pred and mycophenolate but none in the past year.

Abnormal PE/Chem/CBC/UA Results: Previous labwork NSF. Current labwork, including resting cortisol, pending.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. Both kidneys measured 4.0 cm each.

**Adrenal Glands**

The **left adrenal gland** was visualized obliquely. The left adrenal gland measured 0.6 cm.

The region of the **right adrenal gland** was unremarkable.

**Spleen**

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

**Liver**

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

**Gastrointestinal**

The **gastrointestinal tract** was largely unremarkable other than a minor amount of gastric stasis and mural edema owing to gastritis and slight pyloric hypertrophy. The duodenum and small intestine were largely unremarkable.

**Pancreas**



**PATIENT**

Mickey Hoffman

The left limb of the **pancreas** revealed a 2.0 cm x 1.0 cm hypoechoic area with loss of structural detail consistent with pancreatitis and pancreatic necrosis. The right limb of the pancreas was largely unremarkable.

**SPECIES**

Canine

**ULTRASONOGRAPHIC FINDINGS**

- Hypoechoic pancreas
- Gastric stasis and mural edema owing to gastritis and slight pyloric hypertrophy

**BREED**

Pug Mix

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

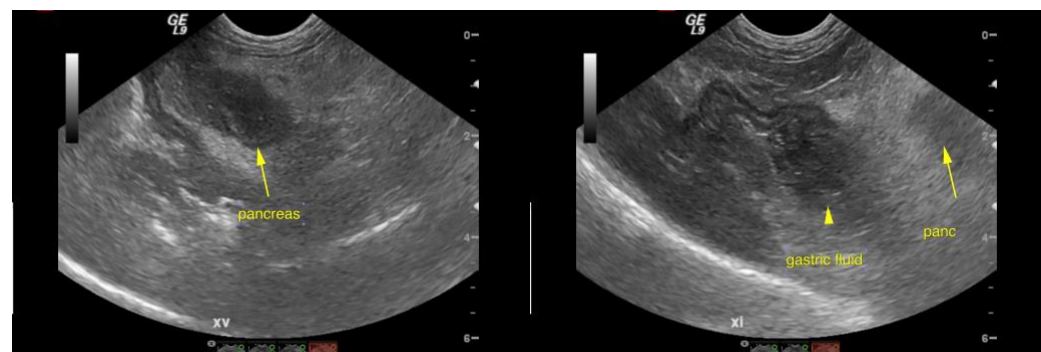
Mild potential for underlying neoplasia. FNA indicated to assess for possible neoplasia versus necrosis. Culture and cytology indicated. Treatment for gastritis/pancreatitis warranted in the meantime. Recheck sonogram in 3-5 days to ensure adequate resolution of the pancreatic and gastric pathology.

**AGE**

11 Years

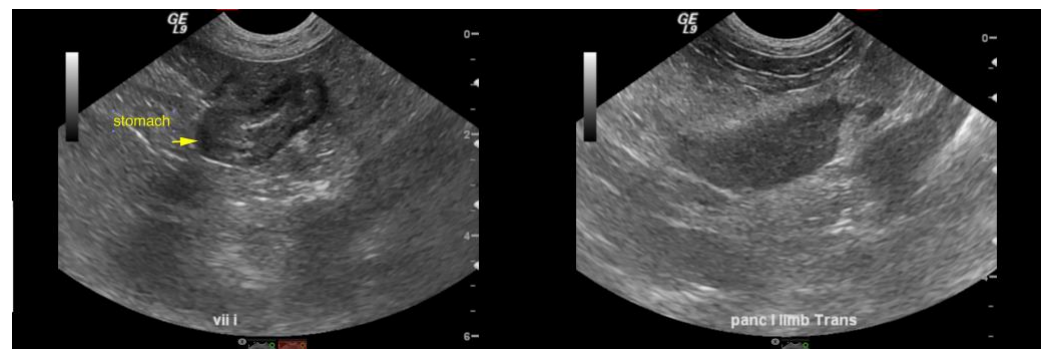
**WEIGHT**

22 Pounds



**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

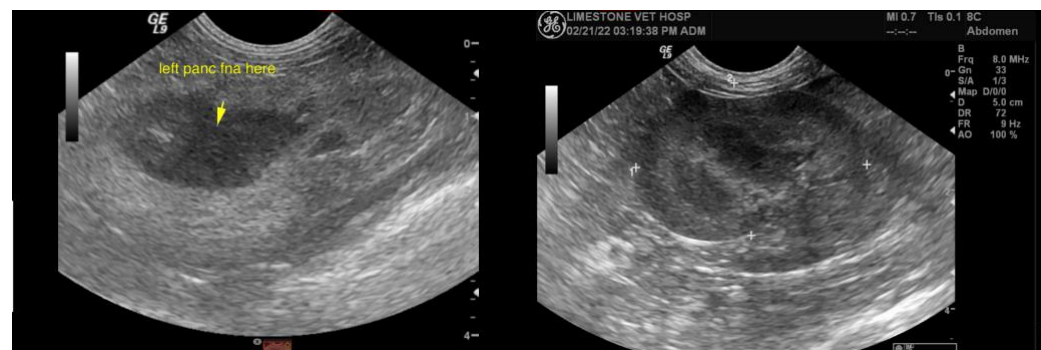


**IMAGING PERFORMED BY**

Marti Williams

**HOSPITAL NAME**

Limestone VH



**REFERRING VET**

Marti Williams

**INVOICE**

14031

**DATE**

2/21/22



**PATIENT**

Mickey Hoffman

**SPECIES**

Canine

**BREED**

Pug Mix

**SEX**

Neutered Male

**AGE**

11 Years

**WEIGHT**

22 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Marti Williams

**HOSPITAL NAME**

Limestone VH

**REFERRING VET**

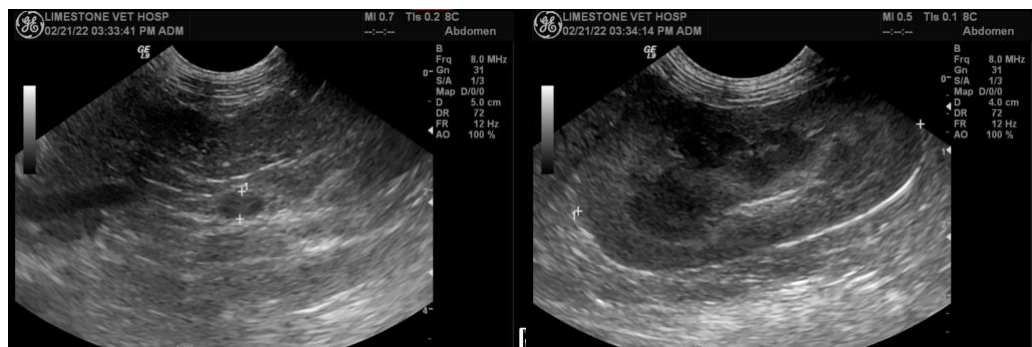
Marti Williams

**INVOICE**

14031

**DATE**

2/21/22



**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.

**Eric Lindquist**, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com  
info@SonoPath.com