



**PATIENT**

Beebo Martin

**SPECIES**

Feline

**BREED**

Domestic Shorthair

**SEX**

Neutered male

**AGE**

12 years

**WEIGHT**

8.8 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Nelson

**HOSPITAL NAME**

Willamette VH

**REFERRING VET**

Dr. Nelson

**INVOICE**

42885

**DATE**

12/6/22

**PRESENTING CLINICAL SIGNS**

History: Presented on emergency 12/5 for 3 day history of no stool production, 1 day history of vomiting, anorexia, and lethargy. Large, cavitated mid abdominal mass TX: Mirtazapine transdermal, cerenia, gabapentin, miralax.

Abnormal PE/Chem/CBC/UA Results: Chloride 107 mmol/L (112-129) Glucose 198 mg/dL (71-159) Lipase 2285 U/L (100-1400) Lymphocyte 10.66K/uL (0.92-6.88) Monocyte 1.05 K/uL (0.05-0.67) WBC 21.87 K/uL (2.87-17.02)

**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 was 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. The left kidney measured 4.0 cm. The right kidney measured 4.5 cm.

**Adrenal Glands**

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left and right adrenal gland measured 0.4 cm.

**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 was noted.

**Liver**

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory,



**PATIENT**

Beebo Martin

infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

**SPECIES**

Feline

**Gastrointestinal**

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

**BREED**

Domestic Shorthair

**Pancreas**

**SEX**

Neutered male

A 5.0 x 4.0 cm cavitated mass was noted in the region of the right pancreatic limb; however, it may be attached to the caudate process of the liver. The remainder of the visible pancreas was largely unremarkable; however, the lesion was undifferentiated and impinged upon the right kidney. This does not appear to be of adrenal origin as the right adrenal gland appeared normal.

**AGE**

12 years

**ULTRASONOGRAPHIC FINDINGS**

**WEIGHT**

8.8 lbs

Mass in the region of the right pancreatic limb, possibly hepatic origin, potentially resectable. Impinges upon the vena cava and right kidney.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

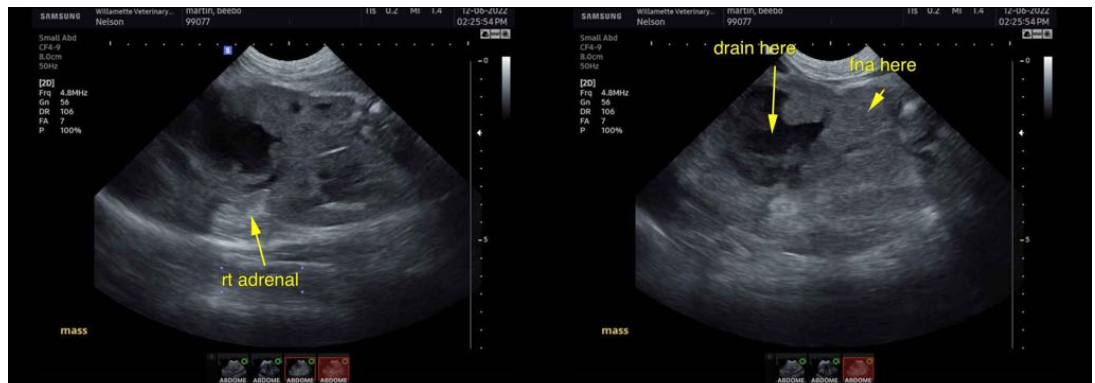
Ultrasound-guided drainage of the cystic portion of the mass and FNA of the parenchymal portion is recommended. CT evaluation for eventual surgical planning is indicated. However, the mass is in a difficult region for clean resection. Pancreatic or hepatic origin is likely. There is a strong potential for carcinoma with a cystic component.

**IMAGING PERFORMED BY**

Dr. Nelson

**HOSPITAL NAME**

Willamette VH



**REFERRING VET**

Dr. Nelson

**INVOICE**

42885

**DATE**

12/6/22



**PATIENT**

Beebo Martin

**SPECIES**

Feline

**BREED**

Domestic Shorthair

**SEX**

Neutered male

**AGE**

12 years

**WEIGHT**

8.8 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Nelson

**HOSPITAL NAME**

Willamette VH

**REFERRING VET**

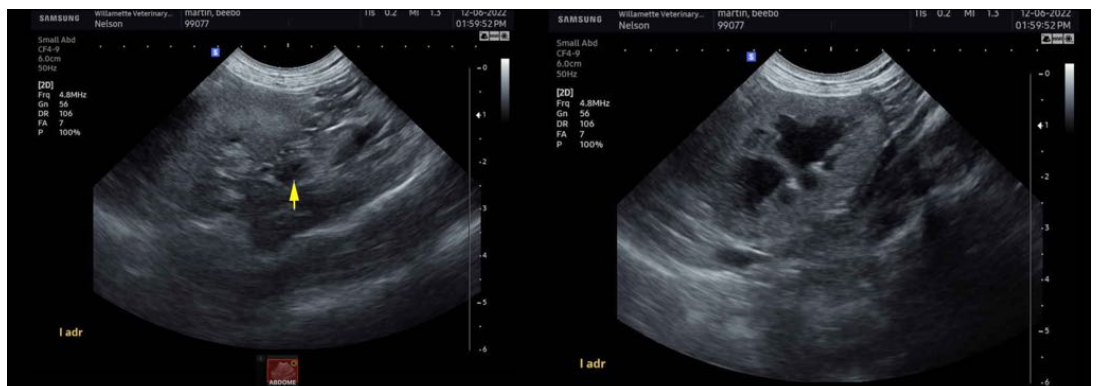
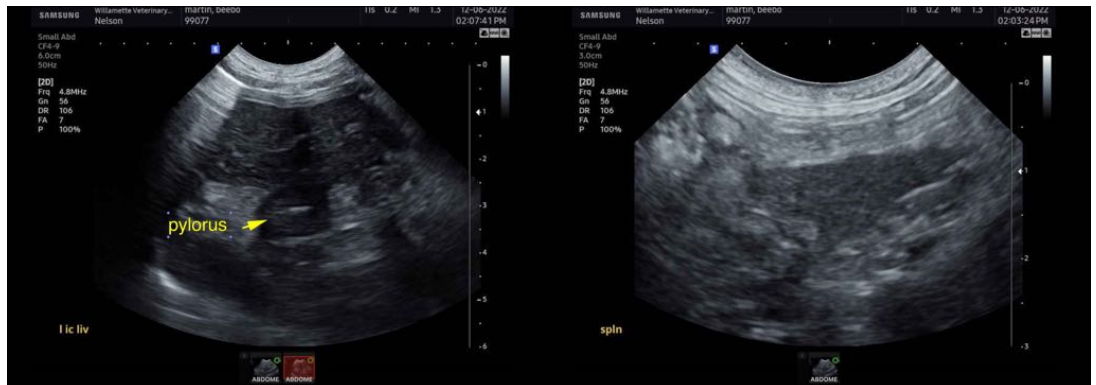
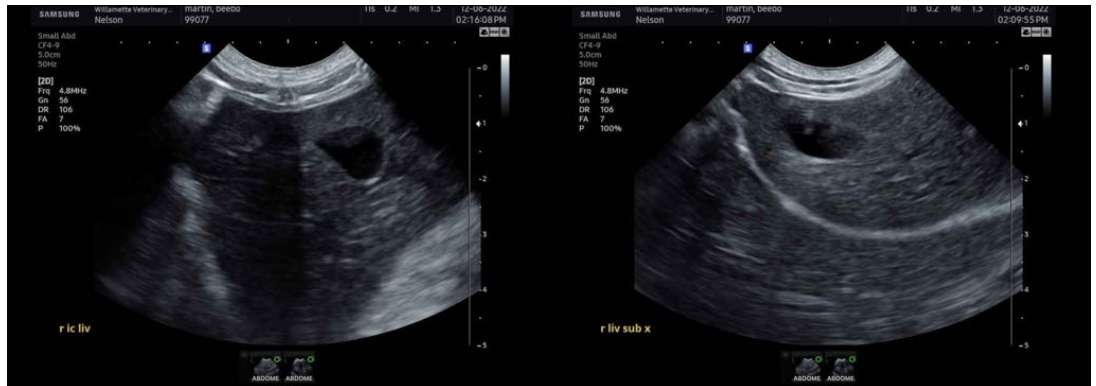
Dr. Nelson

**INVOICE**

42885

**DATE**

12/6/22



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.

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