

**Report Requested By****Report Provided By**  
Taylor Veterinary Imaging  
555-555-5555  
10500 Sagamore Road  
Leawood, KS 66206**TVC-CASE-26892**

Dog | mixed canine | 9 years and 21 days | Female (Spayed) | 3745-2

**Finalized :** 2022-06-21  
**Submitted :** 2022-06-21Ultrasound interpretation  
Ultrasound Stat fee**Clinical Findings****History & Clinical Signs**

9 year old mixed canine presented 6/19 with not eating the past 3 days, very lethargic, and bad breath. Severe Azotemia- BUN 128, Creatinine 10, PHOS >16.1H. Lyme positive- concerned for lyme nephritis. CBC- RBC 4.99 (L), HCT 33.3%(L), HGB 11.6(L), PCV 25%, Mono 1.26(H), PLT 21(L).

U/A usg 1.025, ph 6.5, protein 500mg/dL, blood 250 Ery/uL, rods.

Radiographs- mild hepatomegaly, Generalized GI distension- most consistent with paralytic ileus, and Mild reduced serosal detail.

**Number of Images Submitted:** 67**Ultrasound Report****Findings**

Urinary bladder: The urinary bladder contains suspended echogenic debris. The urinary bladder wall is normal in thickness.

Kidneys: The left kidney approximates 8 cm in length and has adequate cortex and medullary distinction. The renal cortex is normal in echogenicity and echotexture. The margins are smooth. The right kidney approximates 7.2 cm and has adequate cortex and medullary distinction. The renal cortex is normal in echogenicity and echotexture. The margins are smooth.

Adrenals: The left adrenal approximates 6 mm in thickness. The right adrenal approximates 5 mm in thickness.

Pancreas: The right pancreatic lobe is normal. The left pancreatic lobe is normal. Fat stranding is not identified.

Stomach: The gastric wall approximates 1.6 cm and some places and has loss of wall layering.

Spleen: The spleen is normal in size, shape, echotexture, and echogenicity. Discrete nodules are not identified.

Liver: The liver is normal in echotexture and echogenicity. The hepatic margins are smooth and the vessels are well visualized. Discrete nodules are not identified.

Gallbladder: The gallbladder contains echogenic debris. The gallbladder wall is normal in thickness.

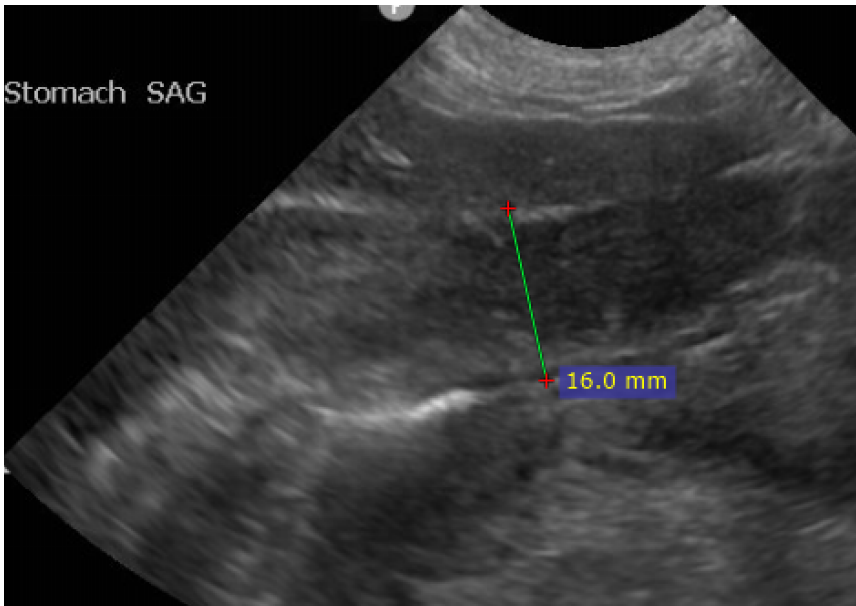
Small bowel: The small bowel approximates 3 mm in thickness. Normal wall layers are present.

Colon: The colon contains gas. Normal wall layers are present.

Lymph nodes: The jejunal lymph nodes are enlarged, lobulated, and approximate nearly 3 mm in thickness. Portal and gastric lymph nodes are also enlarged and have a similar appearance. The iliac lymph nodes are rounded, mixed in echogenicity, and approximate 3 cm in thickness.

Peritoneal space: Mild effusion is present.

**Note the appearance of the gastric wall.**



**Note the appearance of the lymph nodes.**



### Interpretation

1. The appearance of the stomach wall is consistent with a neoplastic process such as lymphoma.
2. Lymphadenopathy. Lymphoproliferative disease (lymphoma) is considered.
3. Malignant effusion.

### Recommendations

1. Aspirates of the gastric wall, lymph nodes, and a diagnostic peritoneal centesis are indicated.
2. Thoracic radiographs should be considered.

**Signature**

*Mark B. Taylor, MA, DVM, DACVR*

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*(Please note we read radiographs, US, CT, MR and fluoro studies)*

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