



**PATIENT**

Bella Sargent

**PRESENTING CLINICAL SIGNS**

History: Intermittent V/D, decreasing albumin noted, most recent value was 2.0, has now developed ascites. Mildly elevated ALP and ALT. Albumin 2.0, ALT 379, ALP 246. CBC wnl. Pending TAMU GI panel.

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Terrier Cross

The urinary bladder is not imaged.

**SEX**

Spayed Female

The left kidney is not imaged.

The right kidney is not imaged.

**AGE**

2 years

**Adrenal Glands**

The left adrenal gland is not imaged.

The right adrenal gland is not imaged.

**WEIGHT**

24 lbs

**Spleen**

The spleen is not imaged.

**INTERPRETED BY**

Kathleen Sennello  
DVM, MS, Diplomate  
ACVIM (Small Animal  
Internal Medicine)

**Liver**

The liver is not imaged. The gallbladder is not imaged.

**IMAGING PERFORMED BY**

Dr. Favis

**Gastrointestinal**

The stomach contains minimal luminal contents. It measures at 0.67cm, which is within acceptable limits for this size dog. It appears subjectively thickened and somewhat hypoechoic. It is difficult to assess with the prominence of the rugal folds. There are no focal lesions and no evidence of reduced peristaltic activity.

**HOSPITAL NAME**

Ruidoso AC

The visualized areas of duodenum, jejunum and ileum have a uniform diameter with minimal fluid distension. Wall thickness is increased. Bowel loops follow a typical curvilinear path. Some areas have reduced detail of wall layering (+/- enter with mucosal speckling). The jejunum measured 0.28 cm. Visualized peristalsis appears appropriate. There were no focal lesions consistent with obstruction or a mass effect observed

**REFERRING VET**

Dr. Favis

**INVOICE**

91132

The large intestine is not imaged.

**DATE**

8/11/21

**Pancreas**

The pancreas is not imaged.



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**IMAGING PERFORMED BY**

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**ULTRASONOGRAPHIC FINDINGS**

**PRIMARY FINDINGS:**

- Mild subjective thickening of the small intestine. The mild small intestinal wall changes may be a normal variant in this patient or could be consistent with an inflammatory process (e.g., inflammatory bowel disease).
- Subjective gastric wall thickening. The stomach wall thickening could be consistent with inflammation, edema, infiltrative neoplasia, imaging artifact due to rugal folds, other.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

A focal intestinal lesion was not observed. In general the stomach and small intestine appears somewhat thickened. This can be due infiltrative disease or edema secondary to the effusion being present. It is somewhat unusual for a dog with an albumin of 2.0 to have effusion, so consider recheck current levels. Additionally, I recommend evaluation of other potential sources of protein loss.

I recommend liver function test to look for evidence of liver dysfunction and decreased production of albumin. I recommend urinalysis and urine protein to creatinine ratio to look for evidence of renal loss.

I recommend a gastrointestinal panel to Texas A&M University (I think you are already doing this) to look for supportive evidence of small intestinal disease such as B12 deficiency, etc. If there is no evidence of hepatic or renal dysfunction then primary protein losing enteropathy would be most likely with possible differentials including severe IBD, lymphangectasia or neoplasia etc. A biopsy would be necessary to differentiate. I encourage submission of additional images to complete this image set so that liver, lymph nodes, spleen, kidneys, etc. can be evaluated for abnormalities.



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.



**PATIENT**

Bella Sargent

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.

**SPECIES**

Canine

Kathleen Sennello DVM,MS, Diplomate ACVIM (Small animal Internal Medicine)  
kathleen.sennello@sonopath.com

**BREED**

Terrier Cross

**SEX**

Spayed Female

**AGE**

2 years

**WEIGHT**

24 lbs

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DVM, MS, Diplomate  
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**IMAGING  
PERFORMED BY**

Dr. Favis

**HOSPITAL NAME**

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