



## PATIENT

Bella Mitchum

## SPECIES

Canine

## BREED

Boston Terrier

## SEX

Spayed female

## AGE

5.5 years

## WEIGHT

19.5 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Stephanie Chlebowski

## HOSPITAL NAME

Walker Valley VH

## REFERRING VET

Dr. Chlebowski

## INVOICE

77786

## DATE

5/20/26

## PRESENTING CLINICAL SIGNS

**History:** History in 2023 of helicobacter associated gastritis and moderate, segmental lymphoplasmacytic to occasionally eosinophilic enteritis with multifocal crypt lesions diagnosed via endoscopic intestinal biopsy. Bella was treated with clavamox, an antacid, metronidazole, an RX hydrolyzed diet, and later prednisone and atopica, and ultimately her symptoms resolved. A flare occurred in 2024, at which time pet was receiving treats outside of her RX hydrolyzed diet. The flare was managed with symptomatic treatment. The owner has since switched her to Dr. Marty's Freeze Dried food (~1-2 years ago) and Bella has been doing well without symptoms until a 2-3 months ago, when she began vomiting intermittently, often in the morning. The vomit is clear with no or little white foam with her full intact kibble. The vomiting has become more frequent in the past 2-3 weeks. She currently takes no medications.

PE unremarkable CBC - WNL Chem - WNL T4 - WNL UA - WNL

## 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 4.2 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 adrenal gland measured 0.65 cm at the cranial pole and 0.5 cm at the caudal pole. The right adrenal gland measured 0.6 cm at the cranial pole and 0.4 cm at the caudal pole.

### Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself cranially. This is a positional variant and is not pathological. There was no evidence of significant disease.

### 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



## PATIENT

Bella Mitchum

## SPECIES

Canine

## BREED

Boston Terrier

## SEX

Spayed female

## AGE

5.5 years

## WEIGHT

19.5 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Stephanie Chlebowski

## HOSPITAL NAME

Walker Valley VH

## REFERRING VET

Dr. Chlebowski

## INVOICE

77786

## DATE

5/20/26

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 **stomach** in this patient was largely unremarkable with minor mucosal remodeling noted. This is typical for history of gastritis. The intestines were 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.

## Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

## ULTRASONOGRAPHIC FINDINGS

Minor chronic gastric changes.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Diet change or recurrent treatment for Helicobacter is warranted in this patient. Screening for occult Addison's is warranted even though adrenal glands appear normal. Hydrolyzed canned b.i.d. feedings, GI protectant protocol such as the following can be considered. Otherwise, endoscopy is indicated.

### Helicobacter/Gastritis protocol

A clinical trial of **Zithromax (Dogs: 5-10 mg/kg p.o. q24h. May increase dosing interval to q48h after 3-5 days of treatment), Metronidazole (10-20 mg/kg p.o. b.i.d.), Pepcid (0.5-1 mg/kg s.i.d.) and Sucralfate (0.5-2 g/dog PO) or Omeprazole (1 mg/kg p.o. s.i.d.)** over the next 3 weeks along with a **novel-protein or hydrolyzed diet** with slurry feeding b.i.d./t.i.d. over the next 2-4 days and then increase to canned diet bid. Dry food should be avoided over the next 4 weeks. A recheck sonogram to assess GI improvement or progression would be ideal in 4 weeks.



### PATIENT

Bella Mitchum

### SPECIES

Canine

### BREED

Boston Terrier

### SEX

Spayed female

### AGE

5.5 years

### WEIGHT

19.5 lbs

### INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

### IMAGING PERFORMED BY

Stephanie Chlebowski

### HOSPITAL NAME

Walker Valley VH

### REFERRING VET

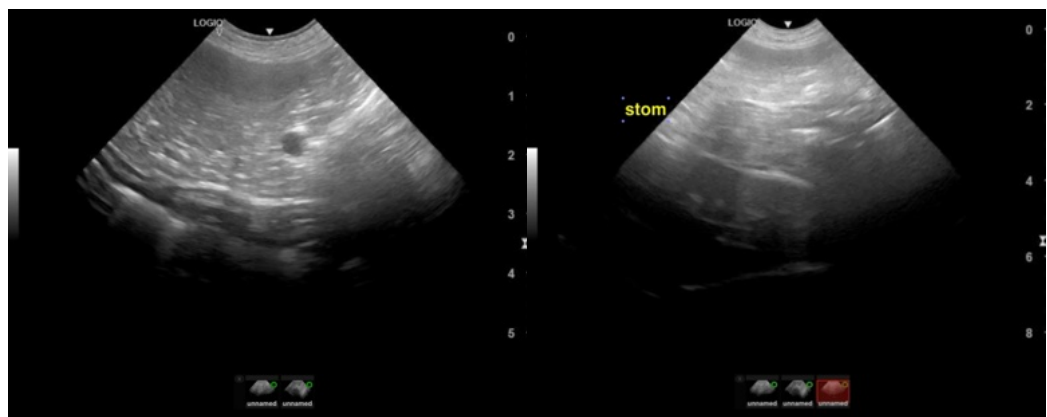
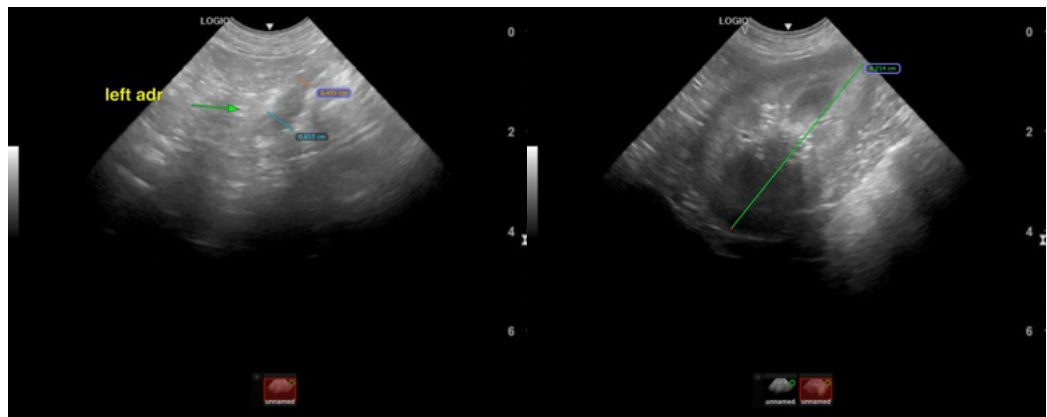
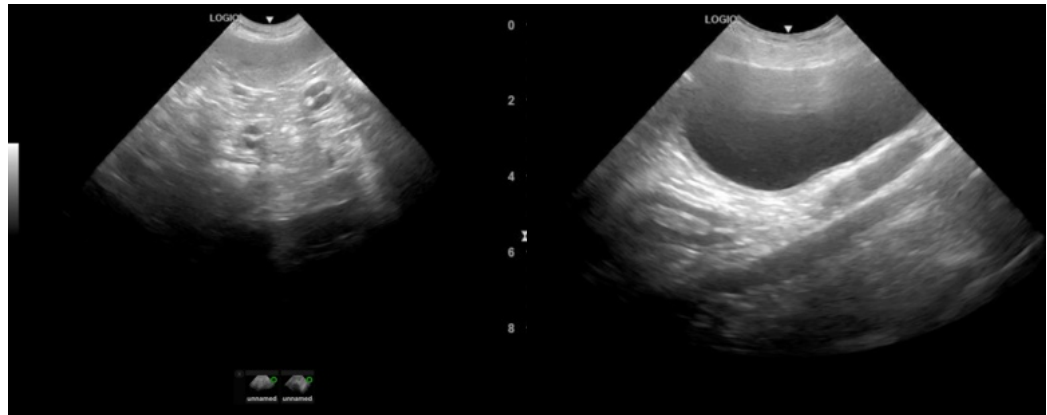
Dr. Chlebowski

### INVOICE

77786

### DATE

5/20/26





## PATIENT

Bella Mitchum

## SPECIES

Canine

## BREED

Boston Terrier

## SEX

Spayed female

## AGE

5.5 years

## WEIGHT

19.5 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Stephanie Chlebowski

## HOSPITAL NAME

Walker Valley VH

## REFERRING VET

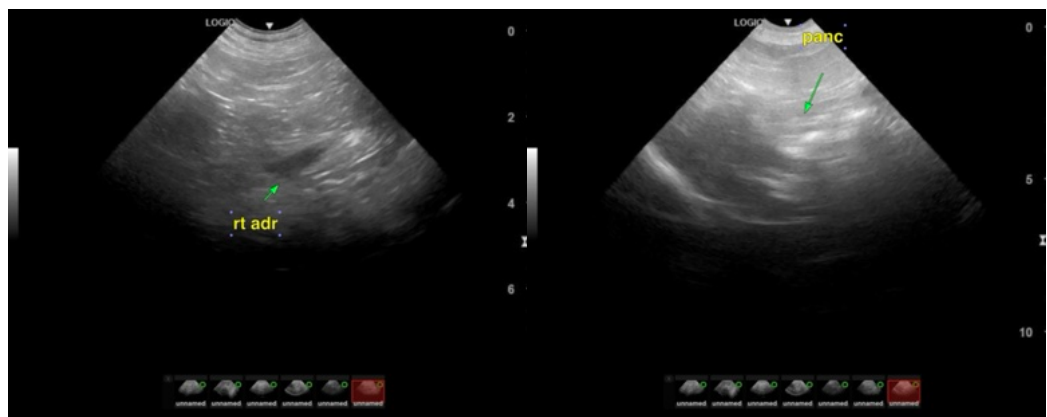
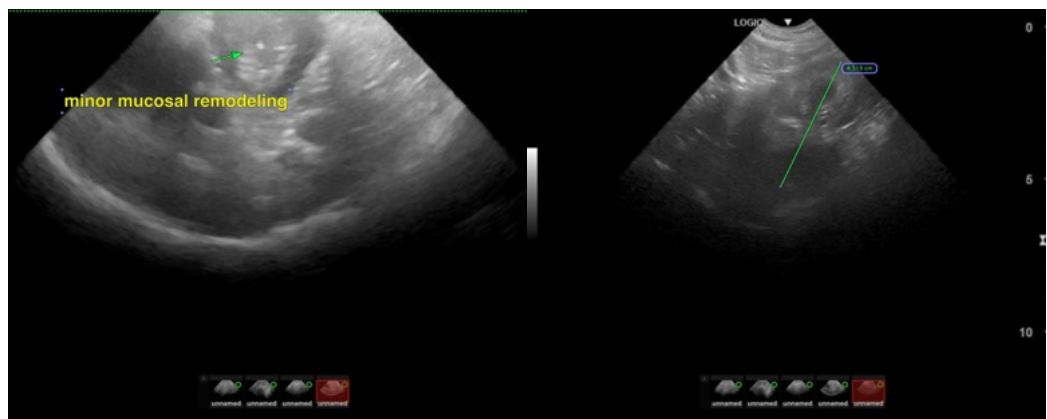
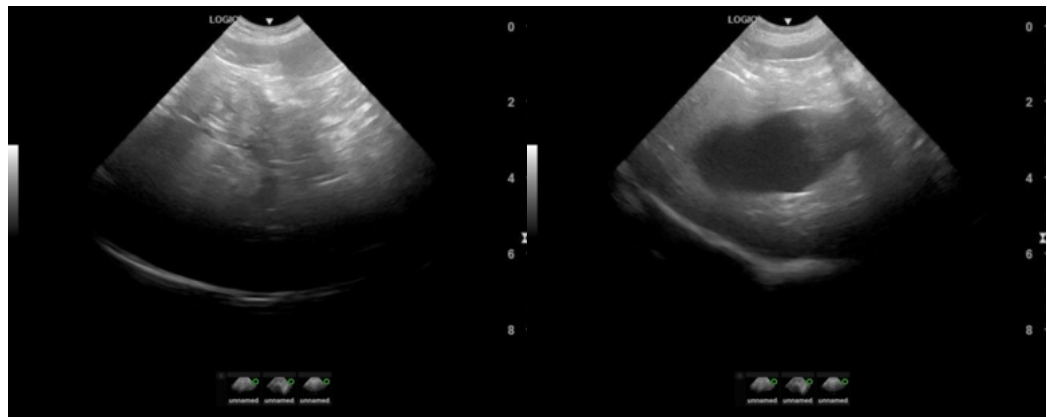
Dr. Chlebowski

## INVOICE

77786

## DATE

5/20/26



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 (CFM), Cert. IVUSS, CEO of SonoPath.com

[info@SonoPath.com](mailto:info@SonoPath.com)