



**PATIENT PRESENTING CLINICAL SIGNS**

Bella Esposito Elevated liver values, vomiting bile daily  
Abnormal PE/Chem/CBC/UA Results: ALT 278, ALK PHJOS 190.

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine

**Urinary System**

**BREED**

Labradoodle

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.

**SEX**

Spayed Female

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex. The left kidney measured 5.53 cm. The right kidney measured 6.21 cm with slight pyelectasia noted.

**AGE**

13 Years

**Adrenal Glands**

**WEIGHT**

51 Pounds

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 2.3 cm x 0.74 cm. The right adrenal gland measured 2.75 cm x 0.48 cm at the cranial pole and 0.50 cm at the caudal pole.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**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.

**IMAGING PERFORMED BY**

JK

**Liver**

**HOSPITAL NAME**

Hamburg Vet

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, 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.

**REFERRING VET**

Dr. Martens

**Gastrointestinal**

**INVOICE**

34088

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.

**DATE**

1/7/22



**PATIENT**

**Pancreas**

Bella Esposito

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.

**SPECIES**

Canine

**ULTRASONOGRAPHIC FINDINGS**

- Geriatric abdomen with minor pyelectasia

**BREED**

Labradoodle

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Non-specific presentation. Assessment for UTI warranted. Dietary indiscretion, food intolerance, structurally insignificant inflammatory bowel or occult parasitism and occult Addison's are all potentials. A clinical trial of the following may prove effective.

**SEX**

Spayed Female

**Helicobacter/Gastritis protocol**

**AGE**

13 Years

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.), **Sucralfate** (0.5-2 g/dog PO) and **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.

**WEIGHT**

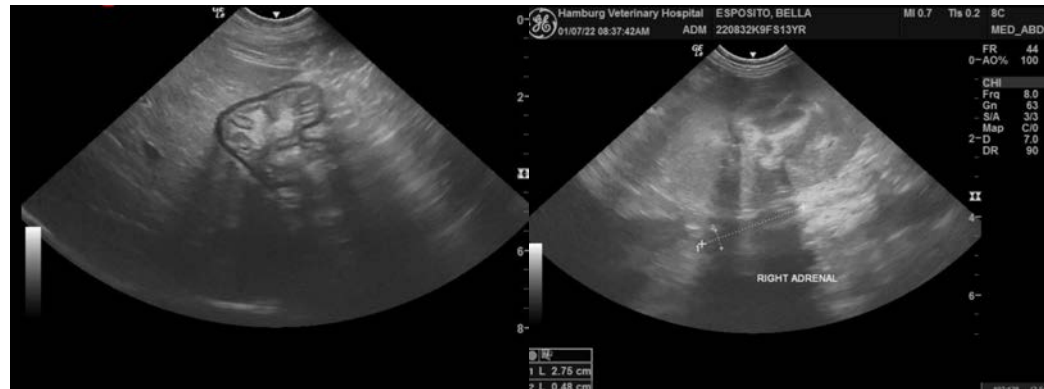
51 Pounds

**INTERPRETED BY**

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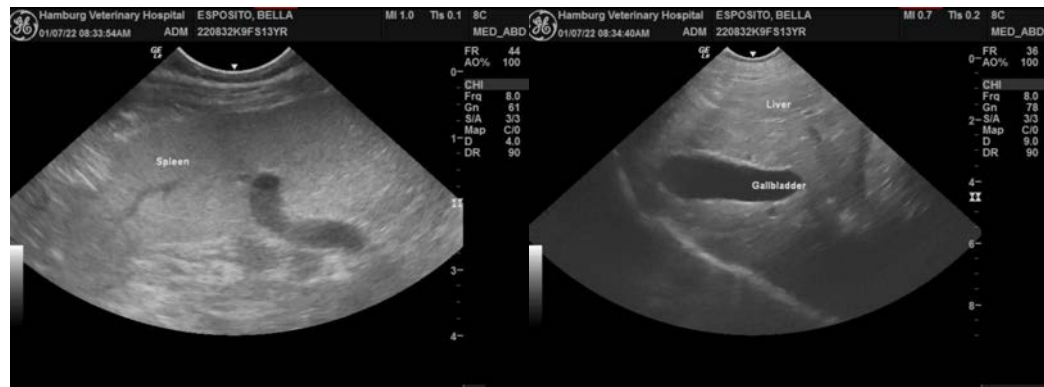
**IMAGING PERFORMED BY**

JK



**HOSPITAL NAME**

Hamburg Vet



**REFERRING VET**

Dr. Martens

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**DATE**

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**PATIENT**

Bella Esposito

**SPECIES**

Canine

**BREED**

Labradoodle

**SEX**

Spayed Female

**AGE**

13 Years

**WEIGHT**

51 Pounds

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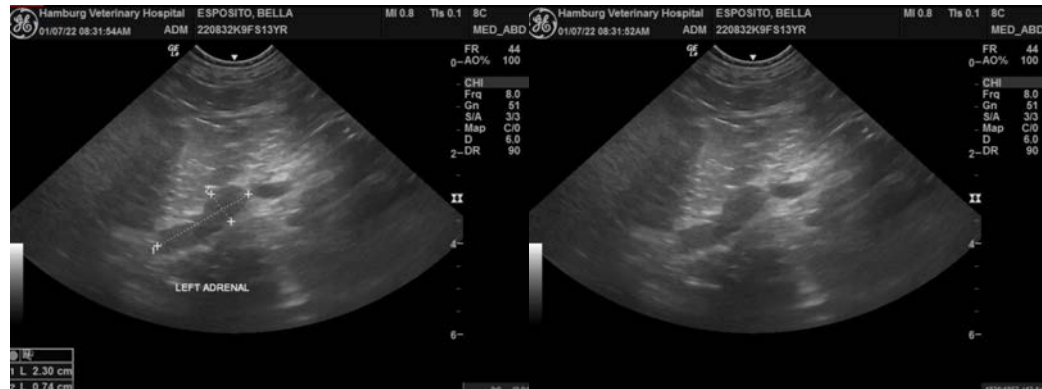
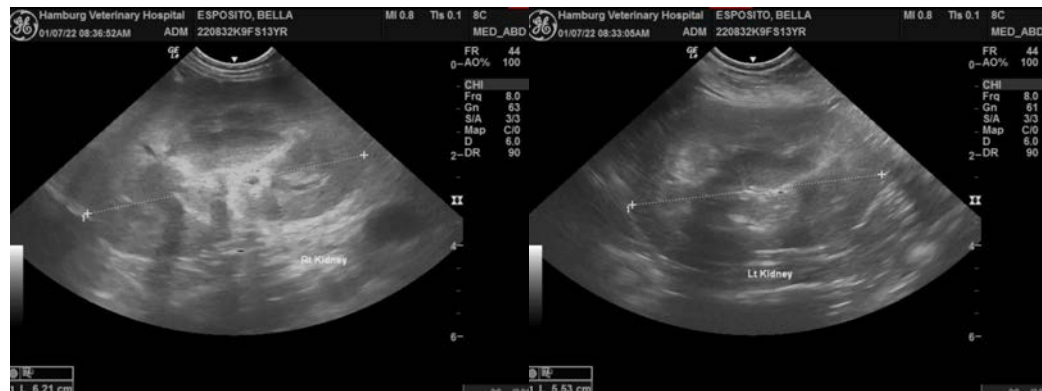
Dr. Martens

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**DATE**

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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.

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