

**PATIENT**

Toni Pugsley

**SPECIES**

Canine

**BREED**

Pitbull

**SEX**

Spayed Female

**AGE**

13 years

**WEIGHT**

66.4 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Shari Reffi, CVT

**HOSPITAL NAME**

Animal Hospital of  
Roxbury

**REFERRING VET**

Dr. Elia

**INVOICE**

30169

**DATE**

5/5/22

**PRESENTING CLINICAL SIGNS**

History: Mild increase in liver values. Current meds: Amoxicillin 500mg bid  
Abnormal PE/Chem/CBC/UA Results: ALT 164, ALKP 179. 4/23- ALT 183, ALKP 471, CHOL 448, TRIG 346

**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 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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 6.92 cm. The left kidney measured 6.34 cm.

**Adrenal Glands**

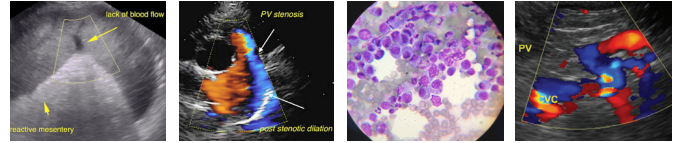
Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 2.26 x 0.62 cm at the caudal pole and 0.65 cm at the cranial pole. The right adrenal gland measured 2.44 x 0.67 cm at the cranial pole and 0.76 cm at the caudal pole.

**Spleen**

The **spleen** was expansive with mixed, echogenic, non-cavitated 3.75 cm mass that was deriving from the cranial pole. The remainder of the spleen was mildly heterogenous.

**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, 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. No obvious evidence of metastatic disease; however, micrometastasis cannot be ruled out.



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**Gastrointestinal**

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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.

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**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.

**Heart**

Rapid view of the heart revealed no evidence of pathology.

**ULTRASONOGRAPHIC FINDINGS**

Splenic mass.

Mild hepatic remodeling.

**INTERPRETED BY**

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

There was no evidence of metastatic disease. Splenic and hepatic FNA could be considered for screening standpoint or direct splenectomy. There is a potential that the splenic mass is histopathologically benign. However, it reveals capsular expansion. Therefore, proactive splenectomy is ideal. Chest radiographs, splenectomy and liver biopsies are all indicated.

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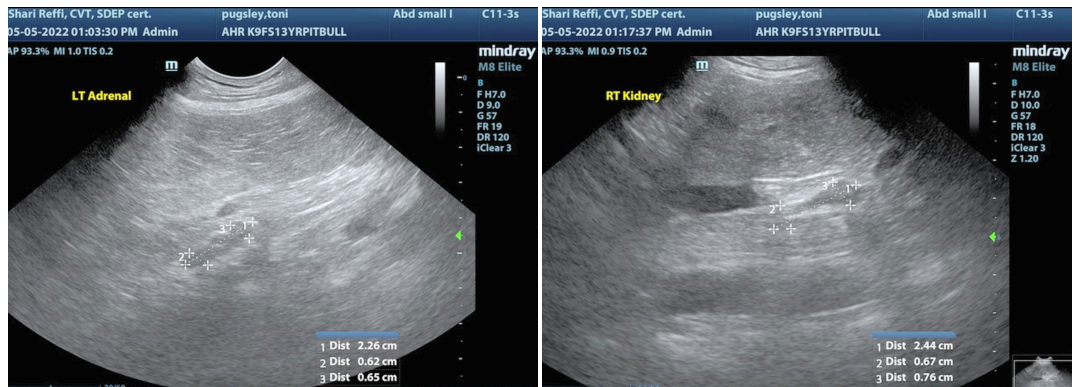
Dr. Elia

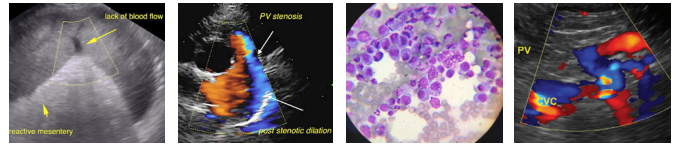
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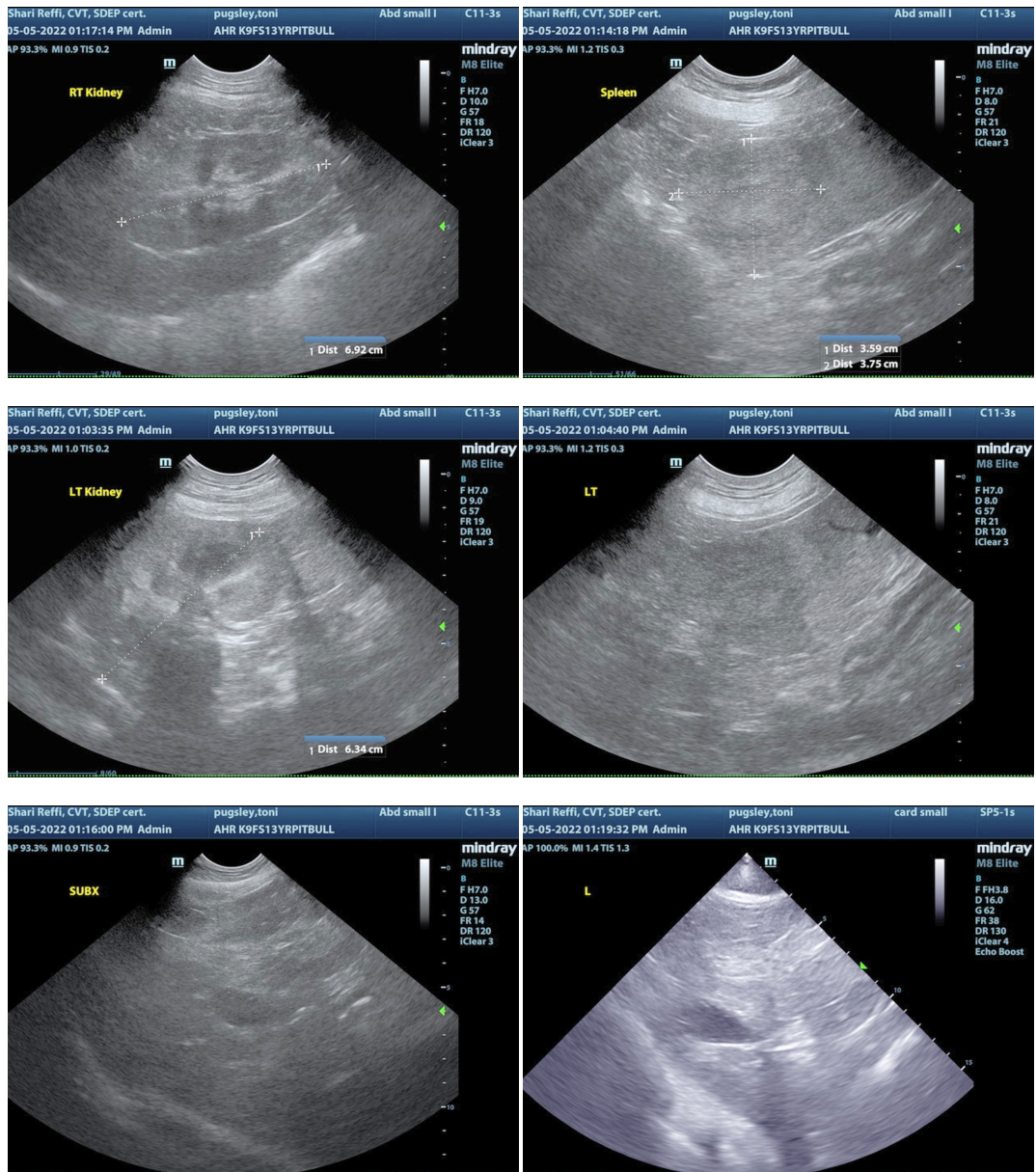
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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