

**DATE PRESENTING CLINICAL SIGNS**

2/4/22 History: Incidentally noted elevated liver values at prior DVM, hypothyroid, on thyro tabs, corneal edema OU.

PATIENT

Shera Worthington

Current Medications: reduced thyro tab dose 1/27 to 0.1 mg po bid (from 1.5 tab AM, 1 tab PM).
Lab Results: CBC - elevated platelets, Chem - elevated ALT (156), elevated ALP (580), T4 mildly elevated at 5.9.

SPECIES

Canine

Date of Previous IntraPet Ultrasound: No previous IntraPet scans.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

BREED

Shih Tzu

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System****SEX**

Spayed Female

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.

AGE

2/2/10

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 and no evidence of pelvic dilation was present. The left kidney measured 4.83 cm. The right kidney measured 4.52 cm.

WEIGHT

12.4 Pounds

Adrenal Glands**INTERPRETED BY**

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 1.83 cm x 0.62 cm at the caudal pole and 0.64 cm at the cranial pole. The right adrenal gland measured 2.1 cm x 0.59 cm at the caudal pole and 0.57 cm at the cranial pole.

IMAGING PERFORMED BY

Rachel Brilhart RDMS

Spleen**HOSPITAL NAME**

Churchville VC

The **spleen** revealed an expansive mixed echogenic stromal tumor type mass measuring 3.9 cm x 3.24 cm without cavitation.

REFERRING VET

Dr. Uhland

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 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.

INVOICE

35490

Gastrointestinal

The majority of the **gastrointestinal tract** was unremarkable. However, a focal area of mucosal striations noted, yet appears to be stable. The colonic wall was slightly thickened without loss of detail.

Pancreas

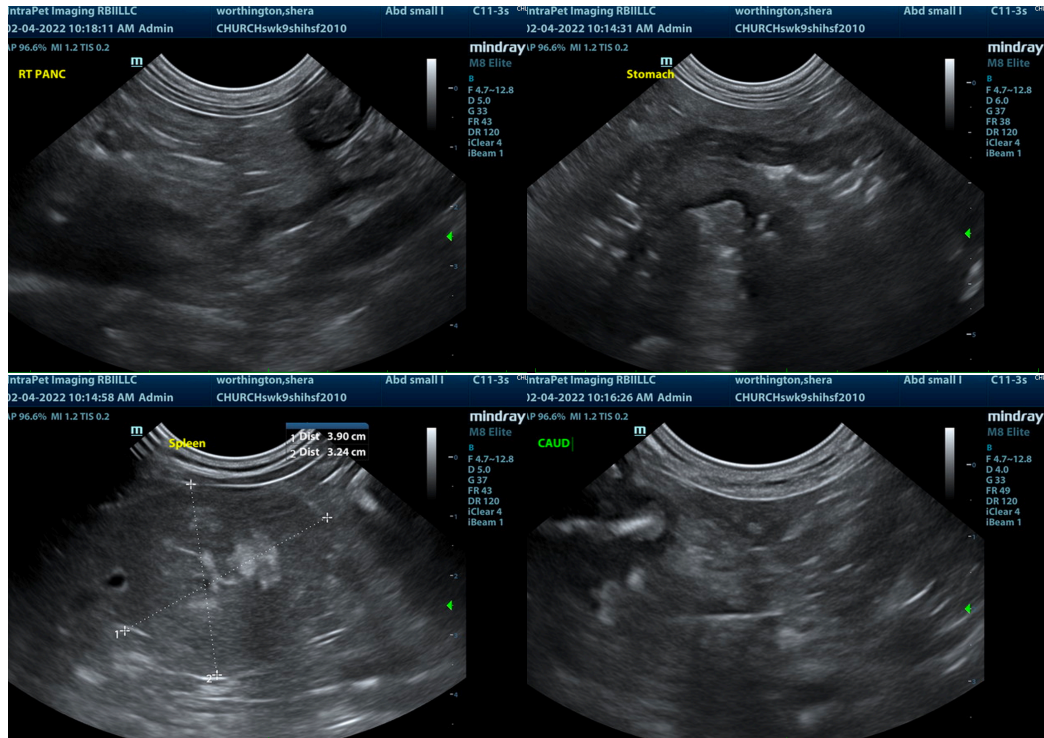
The **pancreas** was enlarged and irregular with undulating contour, measuring up to 2.38 cm in width. Other areas of mixed echogenic pancreatic remodeling noted.

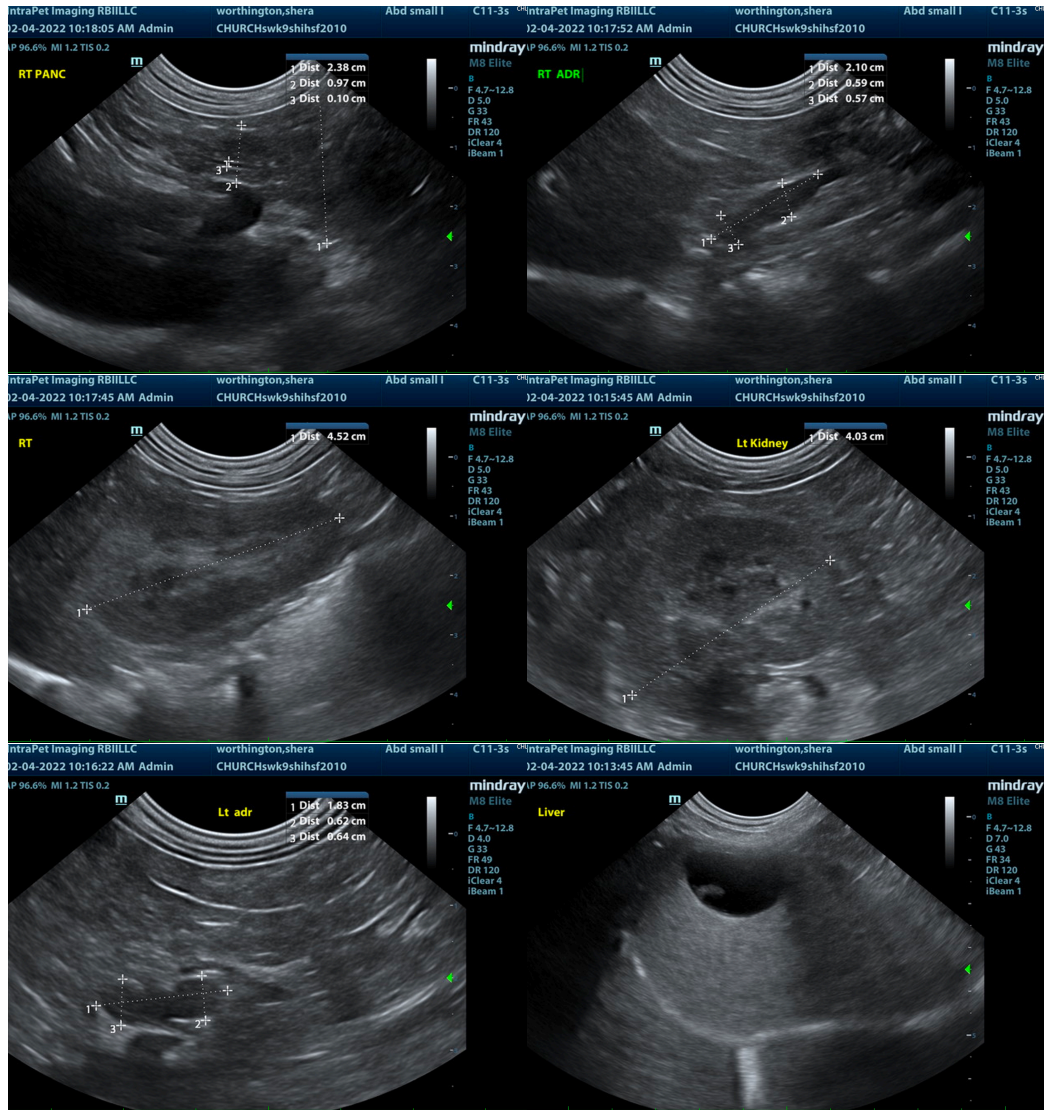
ULTRASONOGRAPHIC FINDINGS

- Splenic mass – stromal tumor, hyperplasia, round cell neoplasia, less likely hemangiosarcoma.
- Hepatic remodeling, non-specific
- Age related renal changes
- Mild pancreatic remodeling

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Splenectomy and liver biopsy indicated in this patient after chest radiographs to assess for metastatic disease.





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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