



**PATIENT**

Oliver Dimitros

**PRESENTING CLINICAL SIGNS**

Hepatopathy, odd shaped spleen on x-ray. Current meds: Natural liver support.  
Abnormal PE/Chem/CBC/UA Results: ALT 140.

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Poodle Mix

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.

**SEX**

Intact male

The **prostate** was uniformly enlarged with lobar swelling appeared to impinge upon the urethra and mildly deviate the descending colon. The prostatic tissue was hyperechoic containing focal areas of decreased echogenicity. The prostate measured 2.5 cm. The testicles were imaged and found to be uniform with no evidence of pathology. The left testicle measured 2.32 cm. The right testicle measured 2.56 cm.

**AGE**

8 years

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.

**WEIGHT**

12.9 lbs

The capsules were acceptably uniform without significant irregularities. The left kidney measured 4.4 cm.

**INTERPRETED BY**

**Adrenal Glands**

Eric Lindquist, DMV,  
DABVP, Cert. IVUSS,  
CEO of SonoPath.com

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.

**IMAGING PERFORMED BY**

Kelly Vazquez, CVT

**Spleen**

**HOSPITAL NAME**

Legacy AH

The **spleen** revealed a focal, hyperechoic nodule that measured 2.0 cm at the caudal pole. Minor, hypoechoic nodular changes were noted elsewhere in the spleen. A separate coalescing splenic mass was noted. This is consistent with lipogranuloma or stromal tumor.

**REFERRING VET**

Dr. Pontenzone

**Liver**

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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.

**DATE**

4/7/22



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**Gastrointestinal**

**SPECIES**

Canine

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.

**BREED**

Poodle Mix

**Pancreas**

**SEX**

Intact male

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.

**AGE**

8 years

**ULTRASONOGRAPHIC FINDINGS**

Splenic nodule and mass. Suspect stromal tumor, lipogranuloma less likely.

**WEIGHT**

12.9 lbs

Mild BPH prostate.

Otherwise, age related abdominal changes.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INTERPRETED BY**

FNA of the spleen could be considered or direct splenectomy.

Eric Lindquist, DMV,  
DABVP, Cert. IVUSS,  
CEO of SonoPath.com

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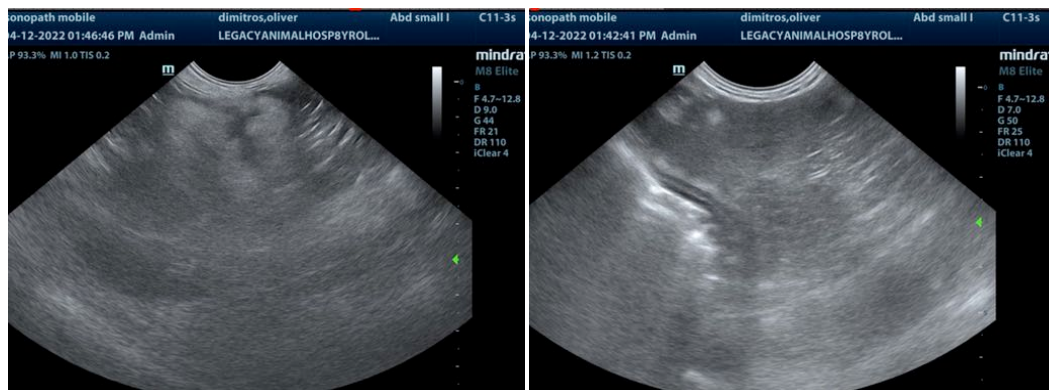
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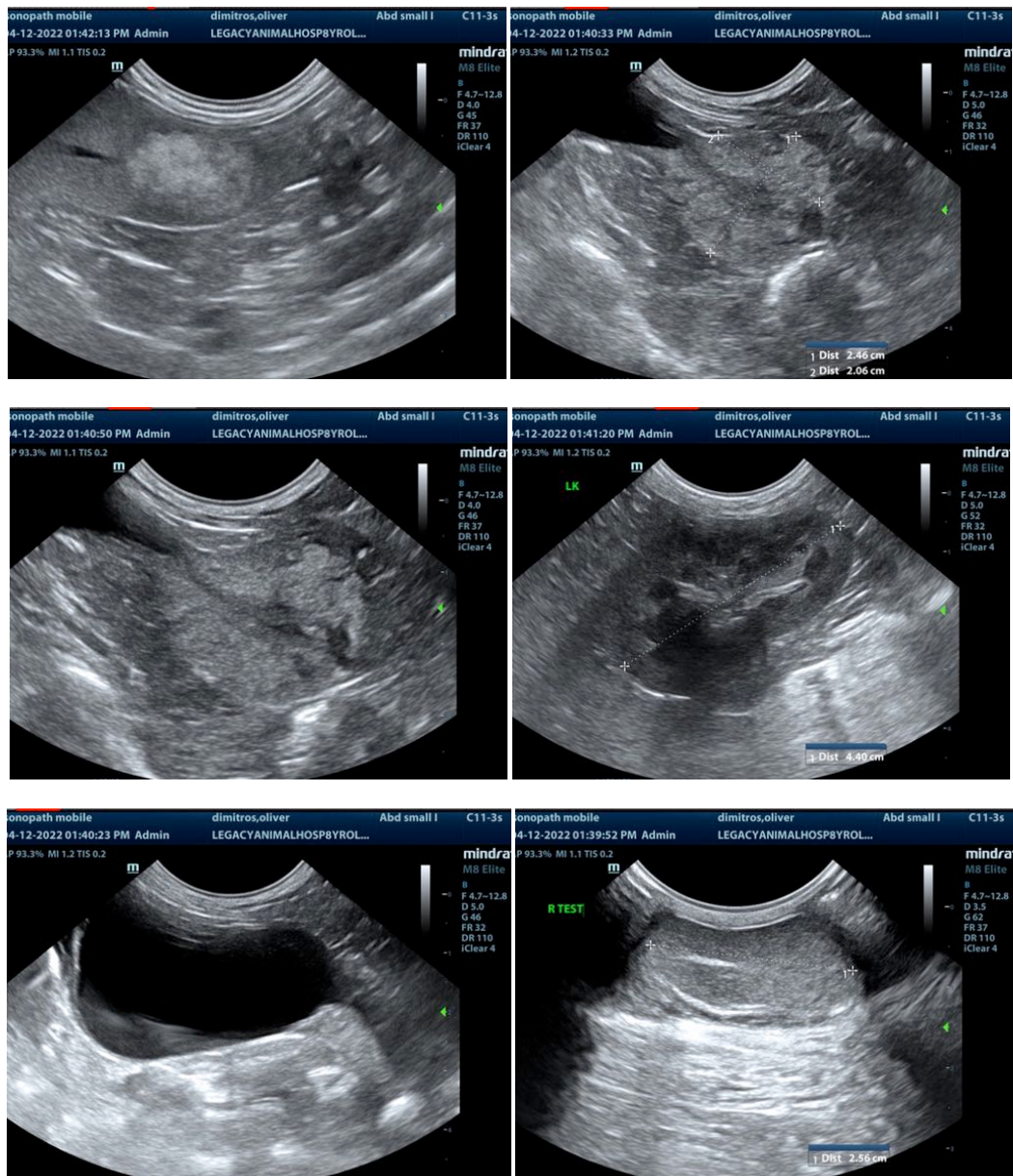
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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