

**PATIENT**

Molly Waters

**SPECIES**

Canine

**BREED**

Boxer

**SEX**

Spayed Female

**AGE**

13 years

**WEIGHT**

55.4 lbs

**INTERPRETED BY**

Eric Lindquist, DMV,  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Jenna Walsh, CVT

**HOSPITAL NAME**

West Salem Animal  
Clinic

**REFERRING VET**

Dr. Crane

**DATE**

9/30/21

**Invoice**  
92103

**PRESENTING CLINICAL SIGNS**

**History:** Molly is a 13 yr SF Boxer with a hx of chronic diarrhea starting when O moved to Oregon from Georgia 4 months ago. Stool is soft to liquid and occasional has blood in it. The blood ranges from dark red to bright red in color. P is currently on a prescription hydrolyzed diet. Hx of hypothyroidism, currently receiving meds. Heart murmur (Grade 2/6 systolic) and arrhythmia noted. Three cMCT diagnosed via FNA. Current Medications ThyroTabs and Benadryl  
**Abnormal PE/Chem/CBC/UA Results:** BW and diarrhea PCR panel done at previous vet in 5/2021 was normal. Fecal done here was negative.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction. 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 right kidney measured 6.0 cm.

**Adrenal Glands**

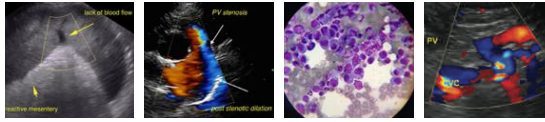
Both **adrenal glands** were visualized and recognized as having largely normal shape, size, position and acceptable echogenicity for this age group and breed. Some heterogeneity was noted within the adrenal parenchyma without concerning capsular distortion. These changes are likely age related but should be monitored by sonogram should the patient be suspected of having adrenal disease. The right adrenal gland measured 3.12 x 1.03 cm at the cranial pole and 0.62 cm at the caudal pole. The left adrenal gland measured 2.69 x 0.69 cm at the cranial pole and 0.56 cm at the caudal pole.

**Spleen**

The **spleen** was enlarged and uniform folded upon itself. There was no evident pathology. This is a positional variant. However, reactive, underlying state may be playing a role.

**Liver**

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Hypoechoic, non-disruptive nodules were noted. The largest measured 1.0 cm. This is likely hyperplasia. Occasional parenchymal cyst was also noted. Some age-



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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.

**Gastrointestinal**

Examination of the **gastrointestinal tract** revealed a stomach free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Variable thickened intestine was noted with intestinal spasming.

**Pancreas**

The **pancreas** revealed heterogenous, hypoechoic parenchymal changes. This is consistent with a history of pancreatitis, potential low-grade inflammation. The left limb of the pancreas measured 2.5 cm.

**ULTRASONOGRAPHIC FINDINGS**

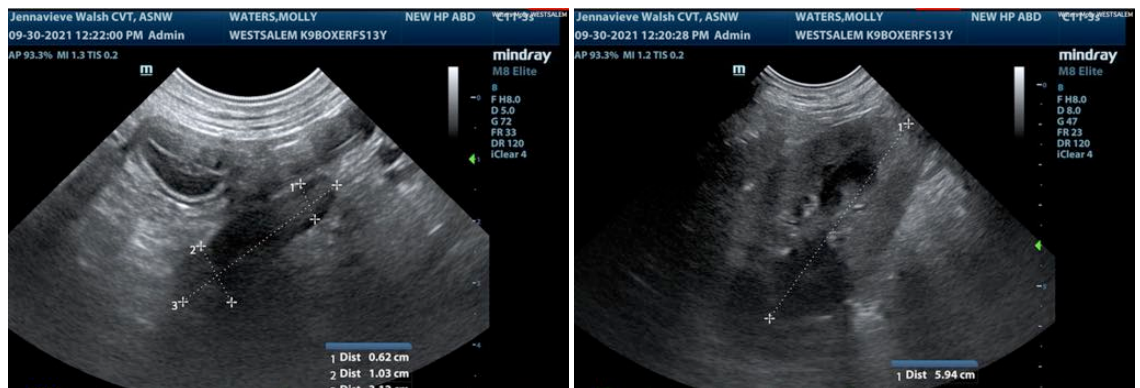
Pancreatic remodeling, non-specific.

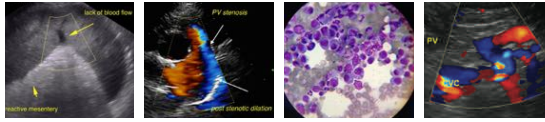
Minor intestinal thickening with areas of spasm.

Age related renal and hepatic changes with occasional, non-disruptive nodule.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

A clinical trial of Purina HA or Royal Canin HP diet, 10 days of Metronidazole and Fenbendazole is recommended along with treatment for parasites can be attempted from an empirical standpoint. However, structurally the abdomen appears largely quiescent other than mild pancreatic remodeling and intestinal thickening. There was no evidence of neoplasia.





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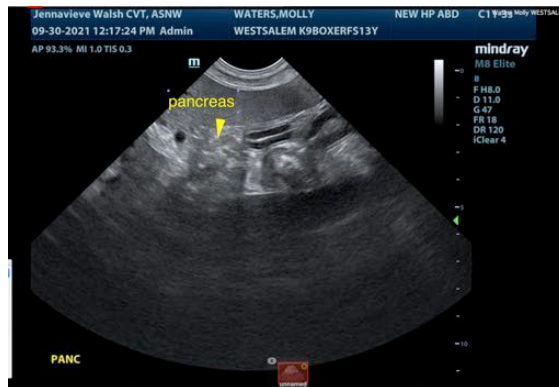
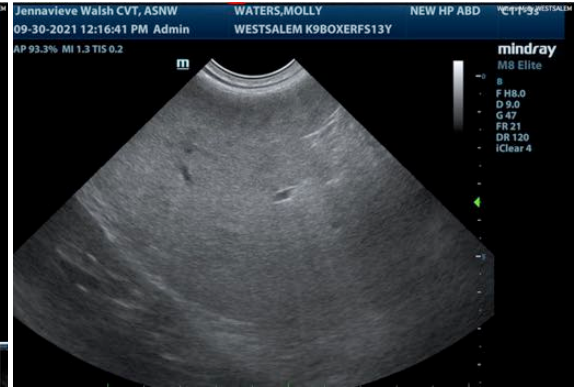
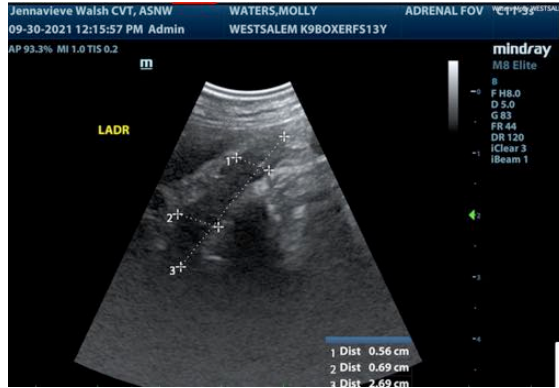
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS

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