

**PATIENT**

Briggs Serio

**SPECIES**

Canine

**BREED**

Lab Retriever

**SEX**

Neutered Male

**AGE**

11 Years 4 Months

**WEIGHT**

93 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Megan Bray, DVM

**HOSPITAL NAME**

Taylorsville VC

**REFERRING VET**

Megan Bray, DVM

**INVOICE**

23308

**DATE**

7/11/23

**PRESENTING CLINICAL SIGNS**

History: P hasn't had a great appetite for a couple weeks, didn't eat anything this am. No v/d/c/s, PU/PD for past few days. P was neutered in 4/2020 and has hx of occasional otitis. P is UTD on all vaccines (Lepto/Lyme/DHPP/RV)

Abnormal PE/Chem/CBC/UA Results: P is QAR. Very small amount of mucoid discharge OU, eyes otherwise appear normal and IOP was normal OU. Mild OA of coxofemoral joints. Mild malassezia Otitis AU. Lab work shows mild hypoalbuminemia (2.6g/dL) Neutrophilia and Monocytosis. Urine is dilute (see results attached, no Proteinuria or bacteria seen). 3V chest rads are normal for age. Submitting FUO PCR for multiple infections including Lepto and urine culture.

**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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 1.0 cm beyond the cystourethral junction.

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 6.4 cm. The left kidney measured 7.4 cm.

**Adrenal Glands**

The **left adrenal gland** was uniformly enlarged, measuring 1.1 cm.

The **right adrenal gland** was 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 right adrenal gland measured 0.8 cm at the cranial pole and 0.6 cm at the caudal pole.

**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.

**Liver**

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some mild 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 wall was echogenic and fibrosed, consistent with porcelain gallbladder.

**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.

**BREED**

Lab Retriever

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

Neutered Male

- Enlarged left adrenal gland
- Porcelain gallbladder
- Age-related hepatic changes

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

11 Years 4 Months

No evidence of significant disease. The cause of the clinical signs is not evident in the abdomen. Blood pressure measurements are warranted. Assessment for orthopedic pain, thoracic or CNS disease is indicated. If hypertension is present, then urine catecholamine is indicated.

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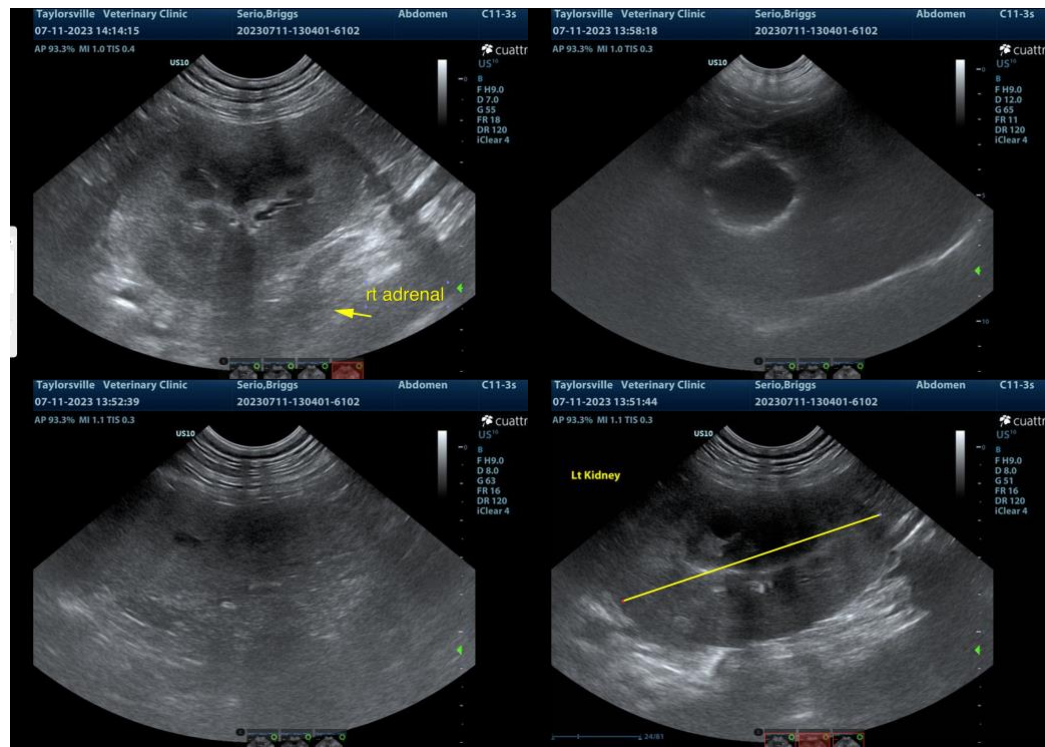
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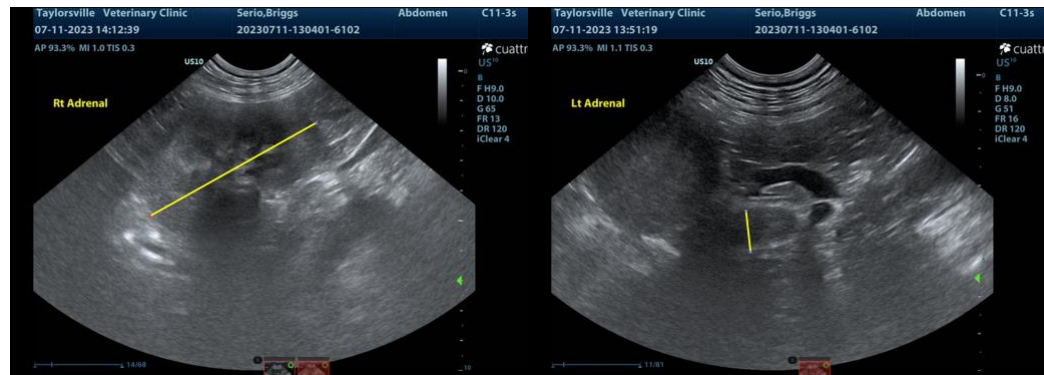
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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