

**PATIENT**

Dodge Baley 49180A

**SPECIES**

Canine

**BREED**

Labrador Retriever

**SEX**

Intact Male

**AGE**

8 years

**WEIGHT**

47.2 Pounds

**INTERPRETED BY**Eric Lindquist, DMV  
DABVP, Cert. IVUSS**IMAGING PERFORMED BY**

Tom McNeill

**HOSPITAL NAME**

SVS Imaging CT

**REFERRING VET**Madison Veterinary  
Specialists Dr.  
Marroquin**INVOICE**

96672

**DATE**

3/9/22

**PRESENTING CLINICAL SIGNS**

History: 1 day history of vomiting bile, anorexia, and diarrhea. Lethargic today as well.  
 Abnormal PE/Chem/CBC/UA Results: UA had WBCs/RBCs/Rods/Cocci/fragmented struvites noted on manula. Strip showed Leu, protein, glucose, blood. CBC elevated NEU/WBC and decreased EOS. Chem showed elevated ALKP. No fluid seen on aFast. No significant findings on chest radiographs done here.

**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. The bladder revealed dependent and suspended debris. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

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. Some cystic changes were noted. The largest of which measured 1.0 x 0.5 cm. There is a potential that this is an abscessation. The prostate measured 5.6 cm. The testicles were imaged with minor remodeling. A slight, hypoechoic nodule was noted in the left testicle and measured 0.25 cm. An isoechoic nodule was noted in the right testicle and measured 0.65 cm. A separate nodule measured 0.9 cm.

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 8.61 cm. The left kidney measured 9.29 cm.

**Adrenal Glands**

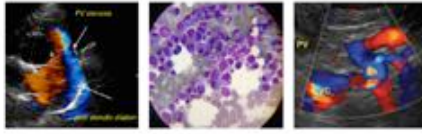
Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 0.86 cm at the cranial pole and 0.9 cm at the caudal pole. The left adrenal gland measured 0.82 cm at the cranial pole and 0.86 cm at the caudal pole.

**Spleen**

The **spleen** revealed slight heterogenous changes, which are expected for this age.

**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.

**IMAGING PERFORMED BY**SVS Mobile Imaging 262-366-5970  
fredgromalak@gmail.com

Clinical Sonography &amp; Telectology

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**Gastrointestinal**

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Minor, excessive gas was present. 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.

**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.

**ULTRASONOGRAPHIC FINDINGS**

Geriatric abdomen with minor, testicular nodular changes.

BPH prostate.

Structurally the GI tract is unremarkable; however, at times prostatitis and prostatic abscessation can cause GI signs secondarily.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

I recommend 72-hour IV fluid protocol, GI protectants, urine culture and sensitivity as well as treatment for UTI. Stabilization of UTI/prostatitis is warranted. Ultrasound-guided drainage of the cystic portions of the prostate with culture is another option. However, neutering is likely in this patient's best interest. There was no evidence of foreign body or neoplasia.



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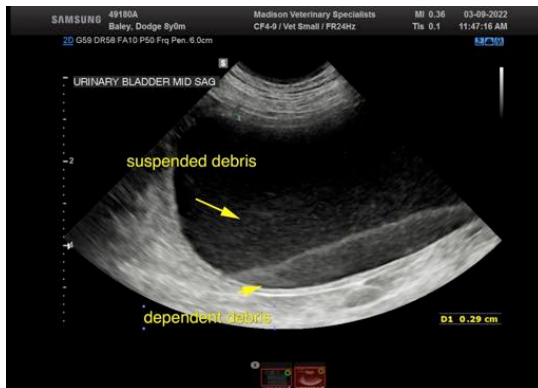
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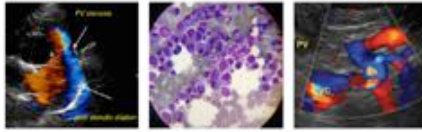
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Tom McNeill

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