



**PATIENT**

Crue Jones

**SPECIES**

Canine

**BREED**

Labrador Retriever

**SEX**

Male

**AGE**

3 Years

**WEIGHT**

82.8 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Andrew Beachy

**HOSPITAL NAME**

Willamette VH

**REFERRING VET**

Dr. Andrew Beachy

**INVOICE**

38907

**DATE**

6/20/22

**PRESENTING CLINICAL SIGNS**

Vomiting the last 3 days, multiple times a day. Still eating and drinking.  
Abnormal PE/Chem/CBC/UA Results: CBC: NSF Chem 10: ALP>2000, ALT did not run Chem 17 with 1:4 dilution ALP 1510, GGT 24, Tbil 1.9, ALT still did not run ALT with 1:7 dilution: >7000 EPOCH: WNL cPL: WNL Lepto: Negative

**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 **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 kidneys measured 5.0 cm each.

**Adrenal Glands**

The **adrenal glands** were not visualized.

**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 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.

**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. 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.



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**ULTRASONOGRAPHIC FINDINGS**

- Structurally unremarkable abdomen, acute hepatic insult

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Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Leptospirosis, mushroom toxicity or similar should be considered. Coagulation panel and 25-gauge FNA of the liver indicated for further definition. Leptospirosis titers indicated. Ampicillin/Metronidazole and nutraceuticals all indicated.

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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.

**IMAGING PERFORMED BY**

Dr. Andrew Beachy

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.

**HOSPITAL NAME**

Willamette VH

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

**REFERRING VET**

Dr. Andrew Beachy

[info@SonoPath.com](mailto:info@SonoPath.com)

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