



**PATIENT**

Lexi McDade

**SPECIES**

Canine

**BREED**

American Bulldog Mix

**SEX**

Spayed Female

**AGE**

9 years

**WEIGHT**

31.4 kg

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Erin Wicks

**HOSPITAL NAME**

Shores VEC

**REFERRING VET**

Dr. Slenbaker

**INVOICE**

99994

**DATE**

4/28/22

**PRESENTING CLINICAL SIGNS**

Presented at our hospital for AUS. Took to rdvm for annual appointment, did bloodwork, liver values elevated, rec AUS. Otherwise acting normal. Pet was brought here and had AUS back in 5/20/2020 (w/Sonopath). Sx was rec and had sx at referral hospital, liver mass removed per owner. Has been normal since then. Previous Health Concerns: liver sx 2020 Current Medications: no  
Abnormal PE/Chem/CBC/UA Results: Biopsy results showed liver abscess for sx in 2020. There were also white hyperemic nodules throughout the liver then. Rdvm labs Retic 118; Retic Hemo 22.5; PLT 554; ALP 1771; Crea Kinase 287; T4 normal 2.0; 4Dx 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 largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 7.14 cm. The left kidney measured 6.89 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 left adrenal gland measured 0.5 cm. The right adrenal gland measured 0.8 cm.

**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 was noted.

**Liver**

The **liver** revealed coarse architecture and increased portal markings. There was a mild to moderate amount of remodeling. The gallbladder and common bile duct were unremarkable. Mild, uniform enlargement was noted. This is a non-specific presentation.



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**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**

American Bulldog Mix

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.

**SEX**

Spayed Female

**ULTRASONOGRAPHIC FINDINGS**

Moderate hepatic remodeling likely as a result of chronic inflammatory hepatopathy.

**AGE**

9 years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**WEIGHT**

Bile acid profile and FNA is indicated. There is no return of any hepatic masses.

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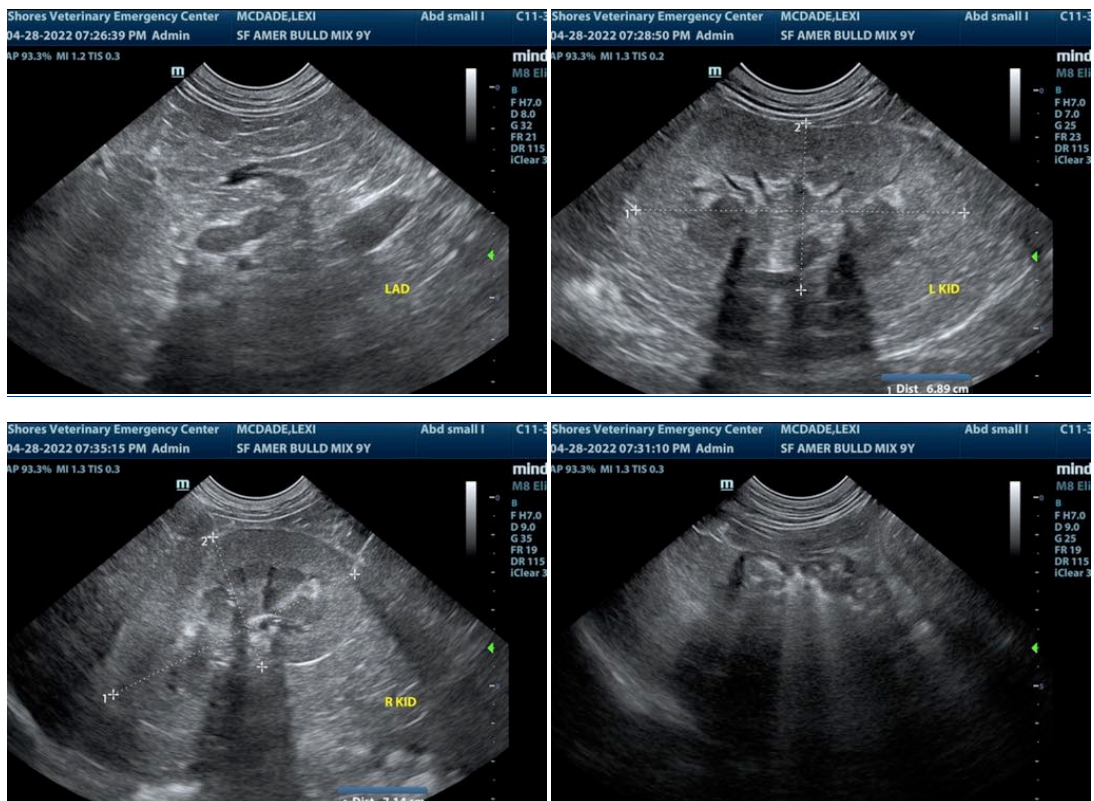
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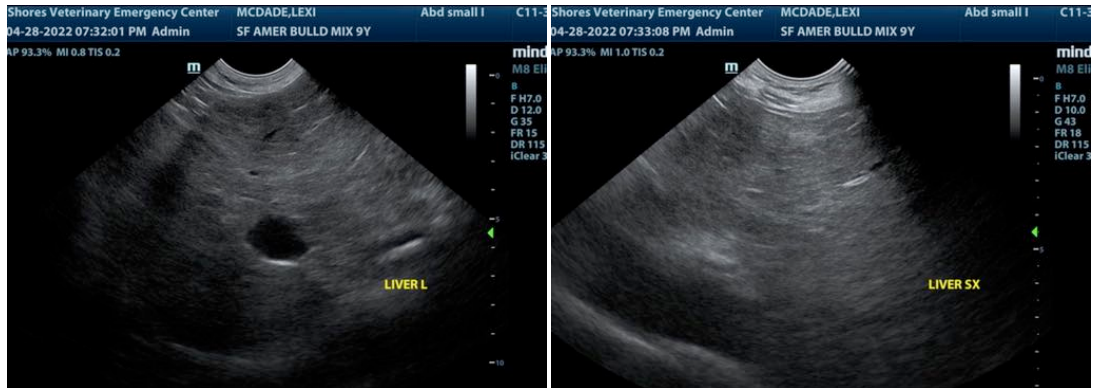
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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**  
info@SonoPath.com