



PATIENT

Kane Freuhan

PRESENTING CLINICAL SIGNS

Elevated Liver Values
Abnormal PE/Chem/CBC/UA Results: ALT (SGPT) 176 HIGH 12-118 IU/L

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Rottweiler

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 3.0 cm beyond the cystourethral junction.

SEX

Neutered Male

The **kidneys** presented mild degenerative changes with normal size and contour. Minor hyperechoic medullary rim sign noted. The kidneys measured 8.0 cm each.

Adrenal Glands

AGE

9 Years

The **left 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 left adrenal gland measured 0.50 cm.

WEIGHT

104 Pounds

The **right adrenal gland** was not visualized.

Spleen

The **spleen** presented subtle hypoechoic nodular changes, ill-defined. The largest nodule measured approximately 5.0 mm. Normal size and contour otherwise. No evidence of significant disease.

INTERPRETED BY

Eric Lindquist, DMV

Liver

DABVP, Cert. IVUSS

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some 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 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.

IMAGING PERFORMED BY

Dr. Mychajlonka

HOSPITAL NAME

Craig Road AH

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.

REFERRING VET

Dr. Mychajlonka

Pancreas

INVOICE

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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.

DATE

6/30/22

PRIMARY FINDINGS

- Subtle nodular splenic changes



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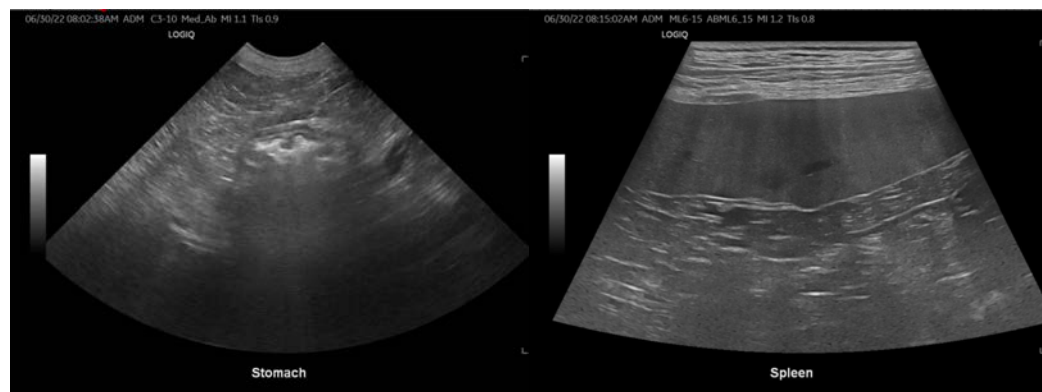
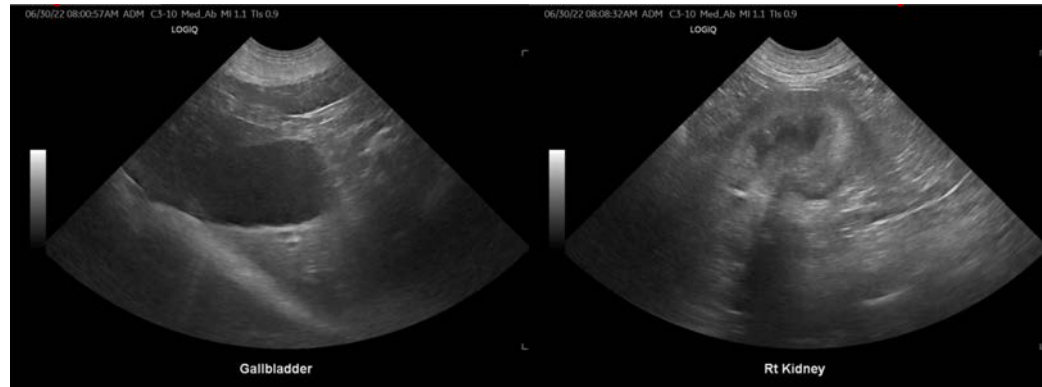
Dr. Mychajlonka

SECONDARY FINDINGS

- Age related renal and hepatic changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of significant disease.



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PATIENT

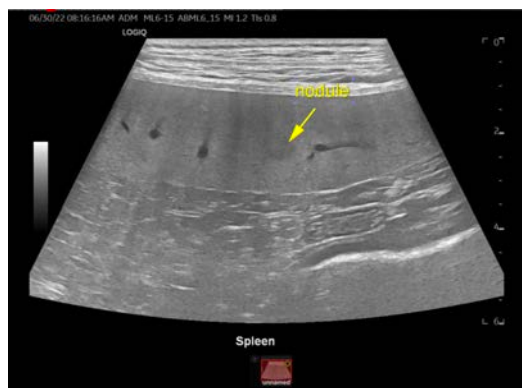
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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