



PATIENT

Buddy Rhyne

SPECIES

Canine

BREED

Doberman Pinscher

SEX

Male

AGE

4 Years

WEIGHT

88 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Mychajlonka

HOSPITAL NAME

Craig Road AH

REFERRING VET

Dr. Mychajlonka

INVOICE

37396

DATE

5/5/22

PRESENTING CLINICAL SIGNS

Chronic liver elevations, lost 2 lbs

Abnormal PE/Chem/CBC/UA Results: AST (SGOT) 97 HIGH 15-66 IU/L ALT (SGPT) 434 HIGH 12-118 IU/L

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 7.0 cm each.

Adrenal Glands

The regions of the **adrenal glands** were unremarkable.

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** was normal in size and contour with slight coarse architecture. The gallbladder and common bile duct were unremarkable. Minor increased portal markings present.

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. Transit of chyme appeared normal from the stomach to the small intestine. 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

- Non-specific inflammatory hepatopathy

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



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Full coagulation panel including von willebrand's factor warranted as well as hepatic biopsy. Inflammatory cell type may be obtained by FNA. Leptospirosis titers 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.

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.

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