



PATIENT

Dora Heiberger

SPECIES

Canine

BREED

Labrador
Retriever/German
SHpeherd Mix

SEX

Spayed Female

AGE

7 years

WEIGHT

96 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Mack

HOSPITAL NAME

Northside VC

REFERRING VET

Dr. Mack

INVOICE

91335

DATE

8/18/21

PRESENTING CLINICAL SIGNS

History: Patient presented in June for trouble walking, liver issues were an accidental finding. Eating/Drinking WNL. Patient is currently on Gabapentin and Joint Supplements
Radiographs: suspect hepatomegaly with rounded liver margins.

CHEM (6/2921): ALT 523U/L High, ALKP 1510 High, GGT 36 High CHEM (8/18/21): ALT 137U/L , ALKP 345U/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 was 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 left kidney measured 7.0 cm. The right kidney measured 7.0 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 0.4 cm. The right adrenal gland measured 0.6 cm.

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself cranially and caudally. This is a positional variant and is not pathological. There was no evidence of significant disease.

Liver

The **liver** presented heterogenous parenchyma with increased portal markings and coarse architecture. Slight undulating capsular contour was noted. The gallbladder and common bile duct were unremarkable. This is consistent with chronic inflammatory hepatopathy.



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Gastrointestinal

Dora Heiberger

Minor fluid filled **gastric** lumen is present. Excessive gastrointestinal gas was present. The intestines were 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

Labrador Retriever/German SHpeherd 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

AGE

Hepatic remodeling, consistent with non-specific, chronic inflammatory hepatopathy.

7 years

Fluid filled gastric lumen.

WEIGHT

96 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

The changes are relatively minor. FNA of the liver could be considered for further definition; however, this is likely unrelated to the current clinical presentation.

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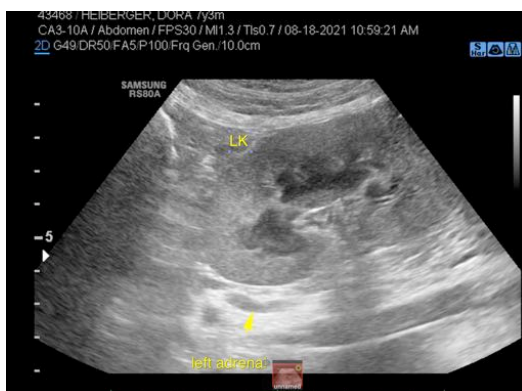
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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