



PATIENT

Cole Dehardt

SPECIES

Canine

BREED

Labrador Retriever

SEX

Neutered Male

AGE

11 Years

WEIGHT

66.4 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Cerf

HOSPITAL NAME

VC of Hardyston

REFERRING VET

Dr. Cerf

INVOICE

16000

DATE

6/10/22

PRESENTING CLINICAL SIGNS

History: Intermittent vomiting started about 3 weeks ago. O noted that P was more quiet/lethargic 2 weeks ago but acting normally recently. Pu/Pd. Eating well. No D/C/S.

Abnormal PE/Chem/CBC/UA Results: mild elevation of AST (68), T.Bili. (0.4) Leukocytosis w/ neutrophilia - stress vs. inflammatory.

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 left kidney measured 6.9 cm. The right kidney measured 6.9 cm.

Adrenal Glands

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 0.5 cm.

The region of the **right adrenal gland** revealed no evident pathology.

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 riddle with multiple coalescing nodular changes and masses with cystic components, strongly consistent with diffuse neoplasia. Abscessation is less likely.

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



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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.

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ULTRASONOGRAPHIC FINDINGS

- Diffuse hepatic neoplastic pattern with coalescing nodules and cystic components

BREED

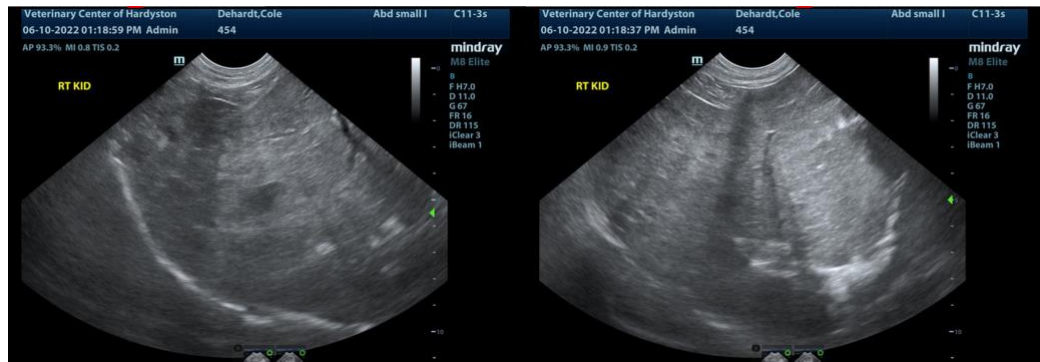
Labrador Retriever

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA warranted to assess for possible mild potential for abscessation/hepatitis. Hepatic neoplasia is likely.

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Neutered Male



AGE

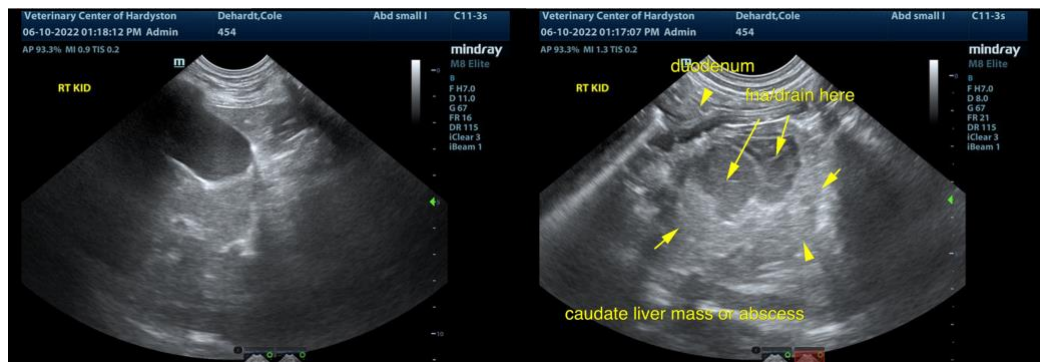
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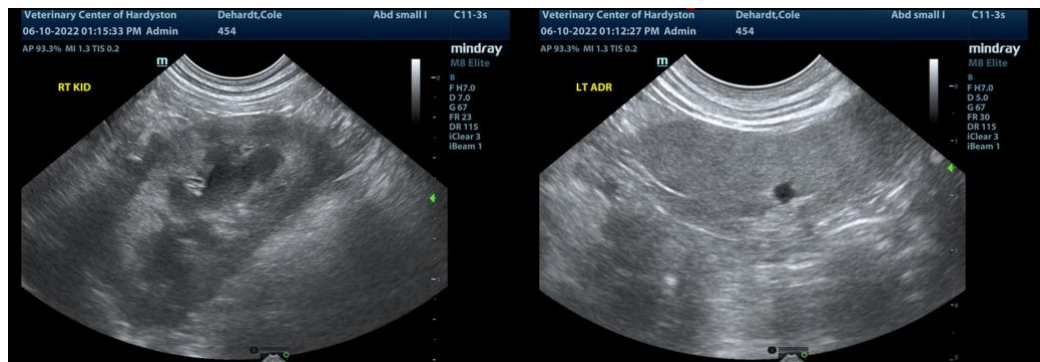


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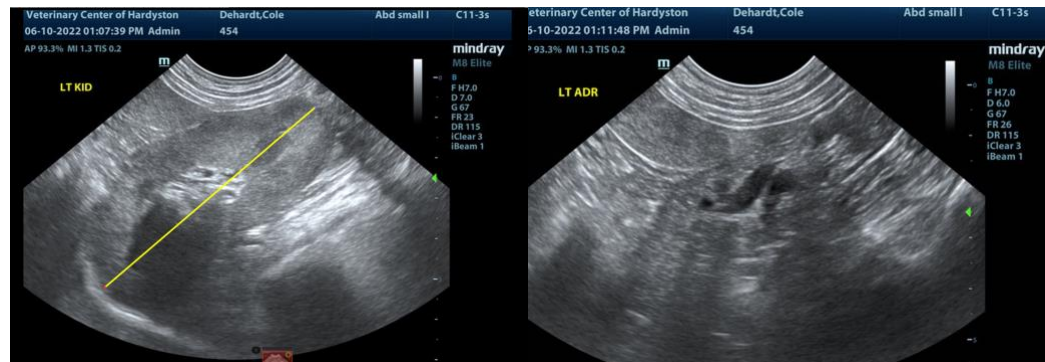
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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