



PATIENT

Brady Gray

SPECIES

Canine

BREED

Golden retriever

SEX

MN

AGE

13 years

WEIGHT

91 #

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med),
PhD, Dipl. ECVIM

IMAGING PERFORMED BY

Seth Mitchell, DVM

HOSPITAL NAME

All Creatures Animal
Hospital

REFERRING VET

Dr Richard Bressman

INVOICE

302560

DATE

9/18/21

PRESENTING CLINICAL SIGNS

History: Weight loss, elevated liver enzyme activity.

Physical Examination: N/A.

Urinalysis: N/A.

Previous CBC: N/A.

Previous Serum Biochemistry: Elevated liver enzyme activity.

Radiographic Findings: Normal thorax. Slight mottled appearance between the diaphragm and liver.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra (0.7 cm), and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 8.5 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal capsule and pelvis.

Reproductive system

Small hypoechoic prostate (1.4 cm).

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 0.75 cm, right 0.76 cm.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size with a diffuse mottled echogenic-to-nodular appearance, loss of portal markings, and an irregular capsule. No masses evident. Full gall bladder containing normal anechoic bile. Normal bile duct.



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Gastrointestinal

Normal appearance of the pylorus, stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering and normal wall thickness and peristalsis, and no distension of the lumen.

Pancreas

Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Hepatic lymphadenomegaly (4.3 x 1.7 cm) but with normal shape and echogenic appearance.

No mesenteric lymphadenomegaly.
No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Hepatopathy.
- Hepatic lymphadenomegaly.

Secondary findings:

- Age-related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the hepatopathy would be reactive, nodular hyperplasia, cirrhosis, chronic hepatitis, copper/iron-associated, and neoplasia..

The most likely etiology for the hepatic lymph node would be reactive with lymphadenitis and neoplasia, differential diagnoses.

Further assessment would be FNA cytology of the liver and hepatic lymph node; however, Tru-Cut/wedge biopsy of the liver may be required for a final etiological diagnosis.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic management would be to continue with the SAME and add ursodiol.



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IMAGES

Liver



Hepatic lymph node



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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.

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