


PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Chancellor Rankin
History: Elevated liver enzyme activity on pre-anesthetic bloods. Asymptomatic. Previous history of elevated liver enzyme activity and hepatomegaly on radiographs.

SPECIES
Physical Examination: N/A.

Canine
Urinalysis: N/A.

BREED
CBC: N/A.

Labrador Mix
Serum Biochemistry: Elevated liver enzyme activity, cholesterol, and triglycerides.
Radiographic Findings: N/A.

SEX

MN

Age

12 years

WEIGHT

104 #

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Urinary System

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

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 8.7 cm, right 8.3 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

Reproductive System

Small hypoechoic prostate.

Adrenal Glands

Normal position with increased echogenic appearance, rounded shape, and enlarged. Left 2.03 x 0.99 cm.

Spleen

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

Liver

Enlarged with rounded edges, diffuse hyperechogenic, loss of portal markings, and regular curvilinear capsule. Focal hyperechogenic parenchymal nodule (2.3 x 2.7 cm) present. No masses evident. Full gall bladder containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

INVOICE

303817

DATE

1/27/23

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr Hadley Harris

HOSPITAL NAME

TotalBond Veterinary
Hospital-Bethel

REFERRING VET

Dr Katie Probst


PATIENT
Gastrointestinal

Chancellor Rankin

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.39 cm, small intestine 0.43 cm) and peristaltic activity, and no distension of the lumen. Ingesta within the stomach.

SPECIES

Canine

Pancreas
BREED

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

Labrador Mix

Free Abdomen
SEX

No mesenteric lymphadenomegaly.
No ascites.

MN
Age

12 years

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Hepatopathy.
- Adrenomegaly.

WEIGHT

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Secondary Findings:

- Gall bladder sediment.
- Hepatic nodule.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
IMAGING PERFORMED BY

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Etiologies for the hepatopathy would be reactive, vacuolar, metabolic, chronic hepatitis, and infiltrative neoplasia.

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Although the adrenomegaly may be incidental age-related or disease stress, Cushing's disease needs to be considered.

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Dr Katie Probst

The hepatic nodule can be considered an incidental finding.

Further assessment would be FNA cytology of the liver and adrenal function testing (ACTH stimulation or LDDS test). A Tru-Cut/wedge biopsy of the liver may, however, be required for a final etiological diagnosis.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic therapy would be ursodiol.

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PATIENT

Right adrenal

Chancellor Rankin

SPECIES

Canine

BREED

Labrador Mix

SEX

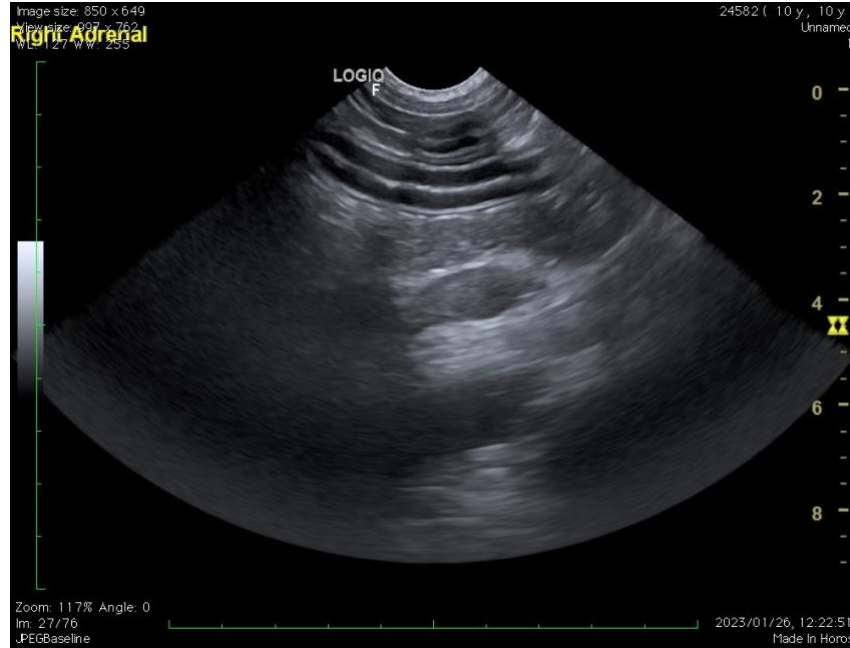
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

IMAGING PERFORMED BY

Dr Hadley Harris

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