



PATIENT

Bailey Musto

SPECIES

Canine

BREED

Labrador Retriever

SEX

Spayed female

AGE

13 years

WEIGHT

72 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Tavella

HOSPITAL NAME

Williamsburg VC

REFERRING VET

Dr. Tavella

INVOICE

70208

DATE

1/16/26

PRESENTING CLINICAL SIGNS

History: Patient has a trending history in liver ELT elevations. Aus to assess liver for potential etiologies.

PE: Cranial abdomen is firm and organomegaly is presumed. Chem: ALT 6/2025 - 150, 1/2026 178 (18-112), hypercalcemia. CBC: No abnormalities UA: No abnormalities

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

Normal renal size (left measured 6.1 cm, right measured 6.5 cm), architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident.

Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 0.45 cm in width. The right adrenal gland measured 0.64 cm in width.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. Incidental myelolipomas are present. No inflammatory, neoplastic, infarction, or infiltrative changes evident. The spleen measured 2.5 cm in width.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

Gallbladder

The gallbladder is full containing a large amount of non-adhered, hyperechogenic sediment. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.



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Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen. A small amount of ingesta is present within the stomach compatible for the recent meal.

Pancreas

The visible sections of the pancreas are of normal size and echogenic appearance with a regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Normal mesenteric lymph nodes.

No ascites evident.

A large amount of intraabdominal fat is present.

ULTRASONOGRAPHIC FINDINGS

- Gallbladder sediment.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

In essence a normal ultrasound examination of the abdomen as the gallbladder sediment can be considered an incidental finding.

Although the liver appears ultrasonographically normal, with the elevation of elevated liver enzyme activity, an underlying hepatopathy such as reactive hyperplasia, vacuolar, metabolic and breed specific hepatopathy should still be considered.

Further assessment would be FNA cytology of the liver. However, a tru cut or wedge biopsy of the liver may be required for a final etiological diagnosis.

Further assessment of the hypercalcemia would be ionized calcium and if elevated then a PTH and PTHrP assay would be indicated.

Specific therapy would be dependent on an etiological diagnosis.

Symptomatic management of the hepatopathy and the gallbladder sediment that can be considered would be the use of Ursodiol with regular monitoring of liver enzyme activity.



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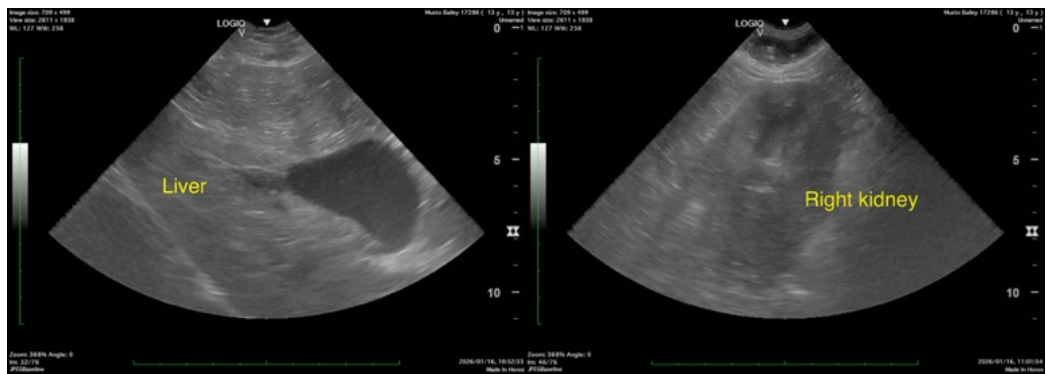
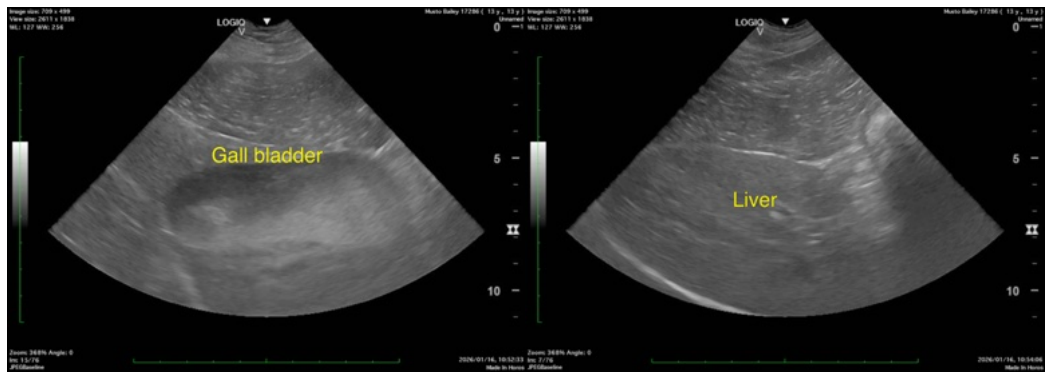
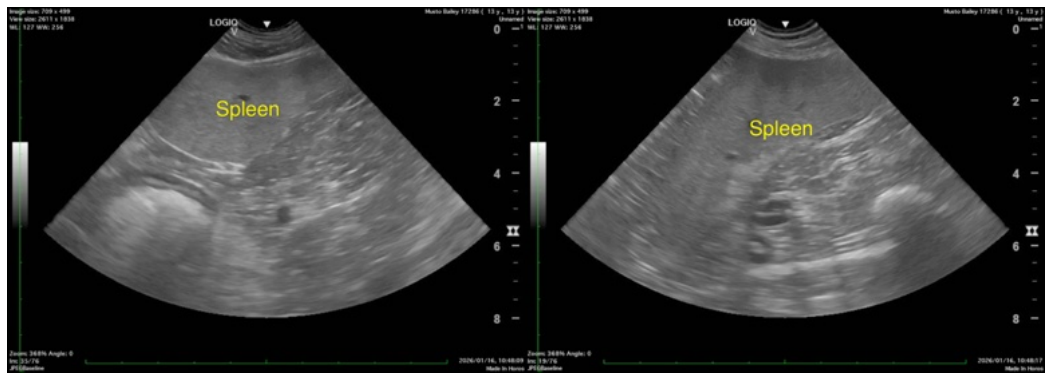
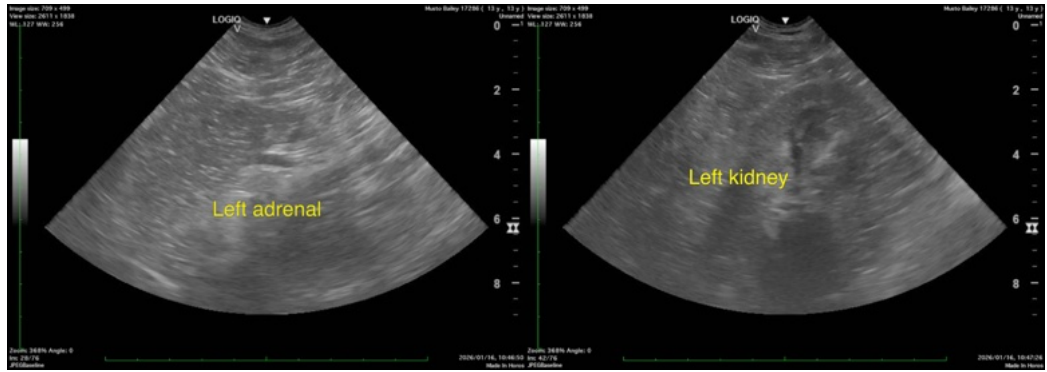
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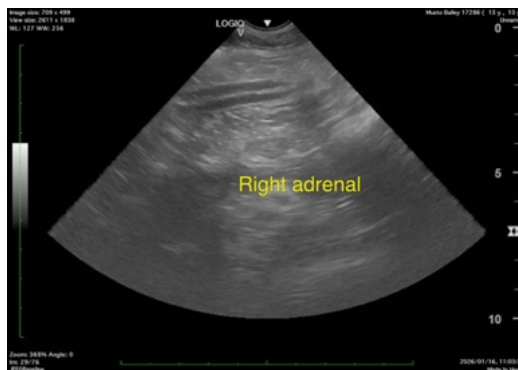
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

info@sonopath.com