



PATIENT

Penny Eversman

SPECIES

Canine

BREED

Mix

SEX

Spayed female

AGE

5 years

WEIGHT

41.4 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

Midland Park VH

REFERRING VET

Dr. Shokoff

INVOICE

78085

DATE

5/28/26

PRESENTING CLINICAL SIGNS

History: Predental work up revealed ^ ALT. Not a clinical issues. Meds: Simparica Trio
^ALT 739, ^ HGB 21.1, ^ HCT 63%, Dec. Neuts %56%, ^ Eosin %11%

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is small 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 5.0 cm, right measured 6.0 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. Normal color flow pattern is evident in both kidneys.

Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 1.84 cm in length x 0.52 and 0.35 cm in width. The right adrenal gland measured 2.72 cm in length x 0.5 cm and 0.75 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. No inflammatory, neoplastic, infarction, or infiltrative changes evident. The spleen measured 2.4 cm in width.

Liver

The liver is subjectively small in size, but maintained a normal 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 small containing normal anechoic bile. 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.

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.

ULTRASONOGRAPHIC FINDINGS

- Microhepatica?

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although the appearance of the liver may merely be an incidental finding, an underlying hepatopathy such as primary portal vein hypoplasia and possibly a small portosystemic shunt should still be considered.

Other etiologies for the elevated ALT activity would be reactive hyperplasia, vacuolar and metabolic.

Further assessment would be pre and post prandial bile acids and if markedly elevated then CT angiography and either a tru cut or wedge biopsy of the liver would then be indicated.

Specific therapy would be dependent on an etiological diagnosis.

Symptomatic management that could be considered would be the use of Ursodiol with regular monitoring of liver enzyme activity.



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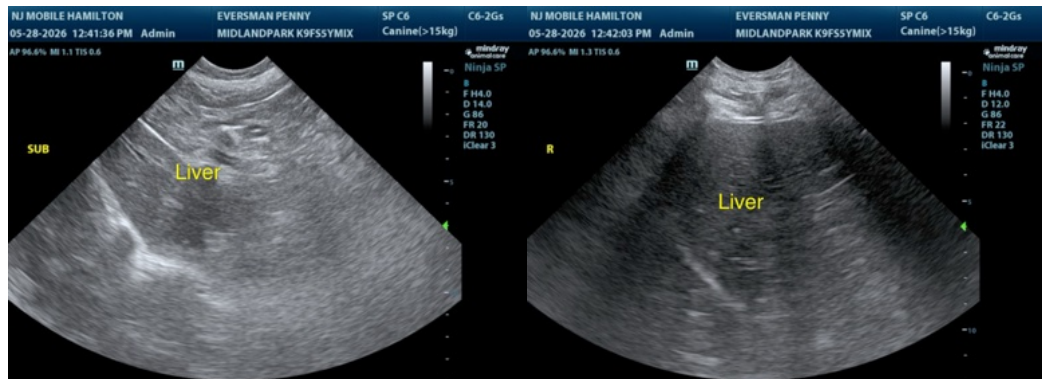
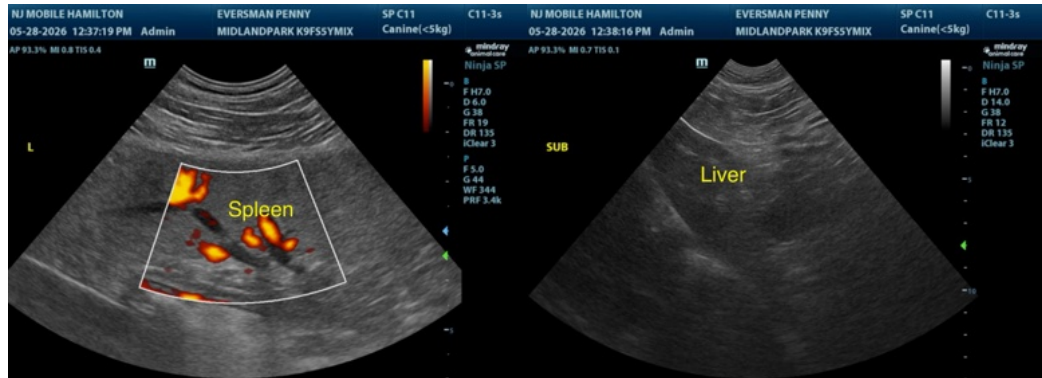
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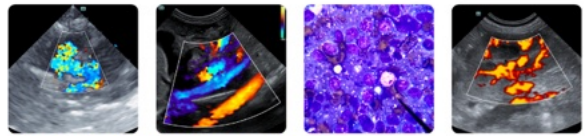


The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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



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