



PATIENT

Holly Tyson

SPECIES

Canine

BREED

Mix

SEX

Spayed female

AGE

11 years

WEIGHT

37.2 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Arms

HOSPITAL NAME

Gilbertsville VH

REFERRING VET

Dr. Yiannis

INVOICE

73544

DATE

3/18/26

PRESENTING CLINICAL SIGNS

- Increased ALT/AST on wellness
- ALT increased slightly while on Denamarin
- Pedunculated mass ventral abdomen 1/5/26 - AST 98, ALT 140, CPK 2486, lyme +, chol 384, T4 1.5, hemolysis 3+ cna falsely elevate AST and CPK, UA 1.047, 6.0, 1+p, UPC 0.1 Started Denamarin with recheck liver panel AST 24, ALT 145, hemolysis 1+ no interference, Prebileacids 48.8 - do not know if was fasted

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 4.7 cm, right measured 5.2 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

The left adrenal gland is normal in shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 2.1 cm in length x 0.44 cm and 0.38 cm in width. The right adrenal was not clearly visualized, but appears to be of normal shape, echogenic appearance and size.

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 1.5 cm in width.

Liver

Normal size with diffuse, mottled echogenic coarse and nodular appearance, normal portal markings, and regular curvilinear capsule. Nodules are few in number, hypoechoic, parenchymal and measure up to 0.7 x 1.3 cm in size. No masses evident. Normal appearance of the hepatic and portal vasculature.



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Gallbladder

The gallbladder is full containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

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

- Nodular hepatopathy.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the nodular hyperplasia, chronic hepatitis, granulomatous disease and possibly infiltrative neoplasia.

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

Specific therapy would be dependent on an etiological diagnosis.

Symptomatic management can be considered with the use of Ursodiol with regular monitoring of liver enzyme activity.



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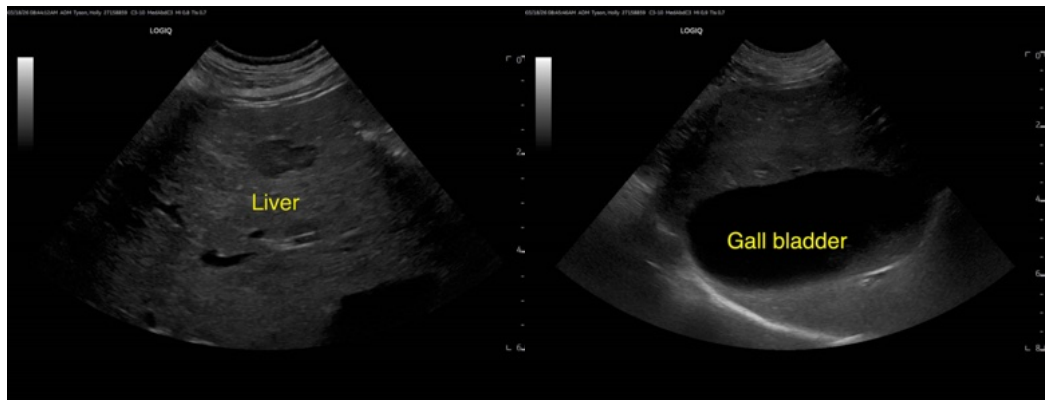
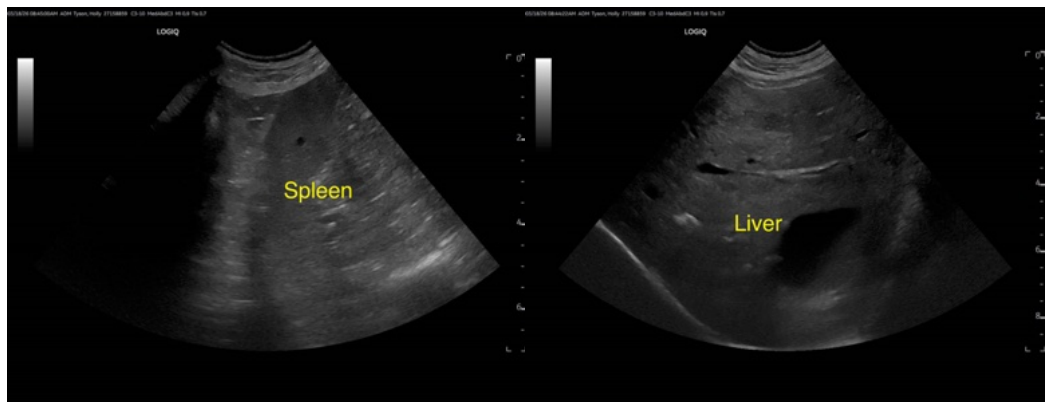
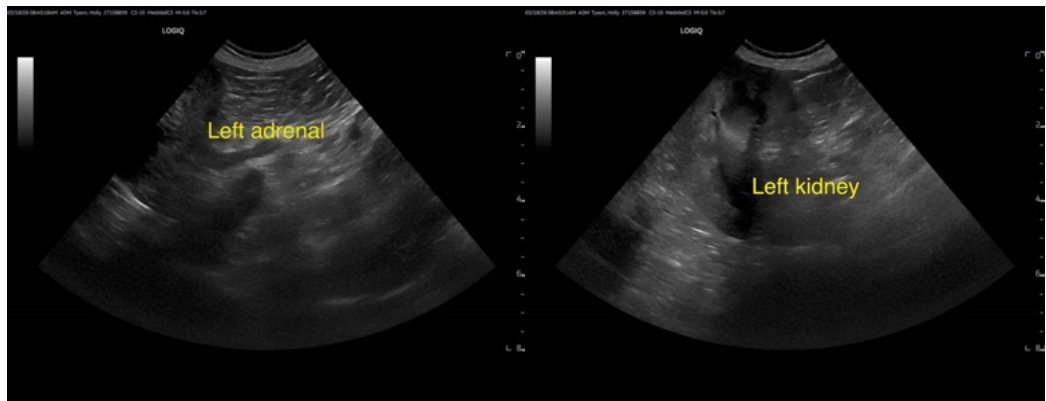
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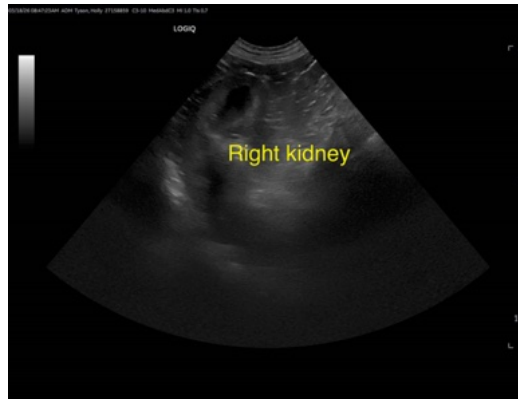
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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