



PATIENT

Hope 2 Brunner

SPECIES

Canine

BREED

Husky

SEX

Female

AGE

3 years

WEIGHT

42 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Brandon

HOSPITAL NAME

Dillsburg VC

REFERRING VET

Dr. Pryor

INVOICE

72215

DATE

3/4/26

PRESENTING CLINICAL SIGNS

- ADR for 1 week. lethargic. eating fine and drinking still. chem showed elevated liver enzymes. intact female, last heat finished around 6 weeks ago.
- Urinalysis NSF USG 1.050, protein+ chem - ALT >1000, AST 62, ALKP 684, GGT 36 CBC - HGB 13.1, RBC 5.33

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 5.0 cm, right measured 4.1 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 size and appearance of the uterine body with no fluid within the lumen evident. The ovaries and uterine horns were not visualized.

Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 1.36 cm in length x 0.46 cm and 0.44 cm in width. The right adrenal gland measured 1.54 cm in length x 0.35 cm and 0.52 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 1.9 cm in width.

Liver

Normal size with a diffuse, increased echogenic appearance, normal portal markings, and regular curvilinear capsule. No nodules or 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. Fecal material was present in the colon.

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

- Hepatopathy.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the hepatopathy would be acute hepatitis such as toxins, bacterial and viral with Leptospirosis a less likely differential diagnosis.

Further assessment would be FNA cytology of the liver and PCR/serology for Leptospirosis.

Specific therapy would be dependent on an etiological diagnosis.

Symptomatic management of the hepatitis would be feeding a good quality protein diet, Ursodiol and possibly a course of antibiotics such as Penicillin, Cephalosporins or quinolones.



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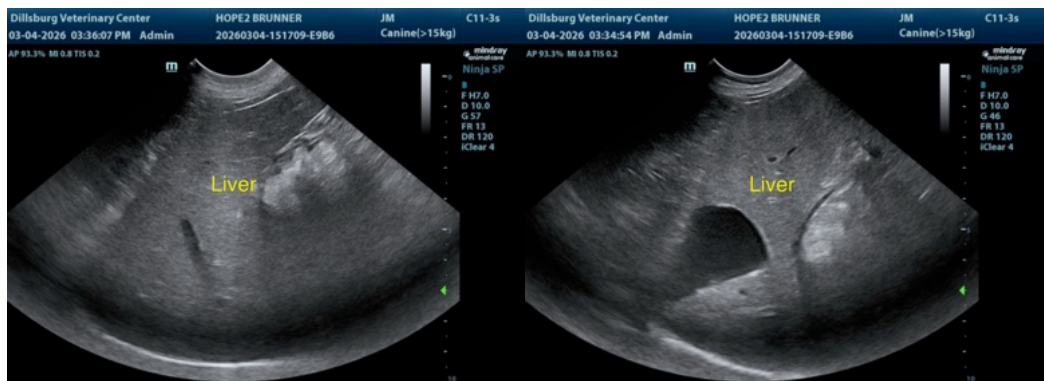
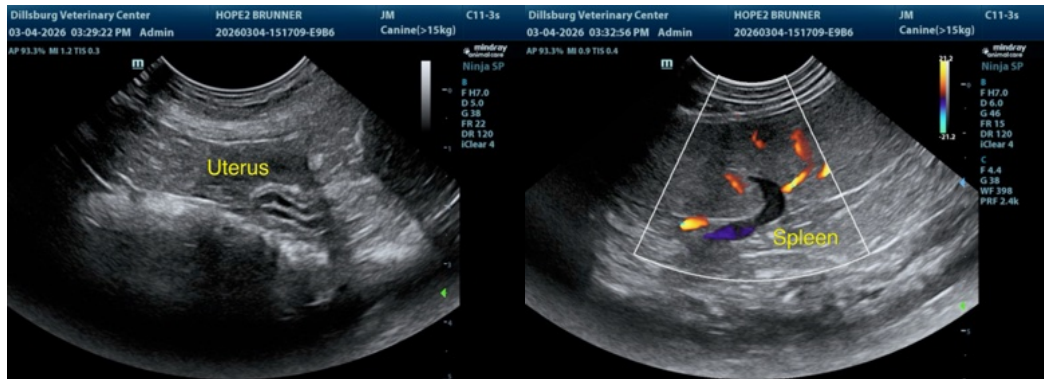
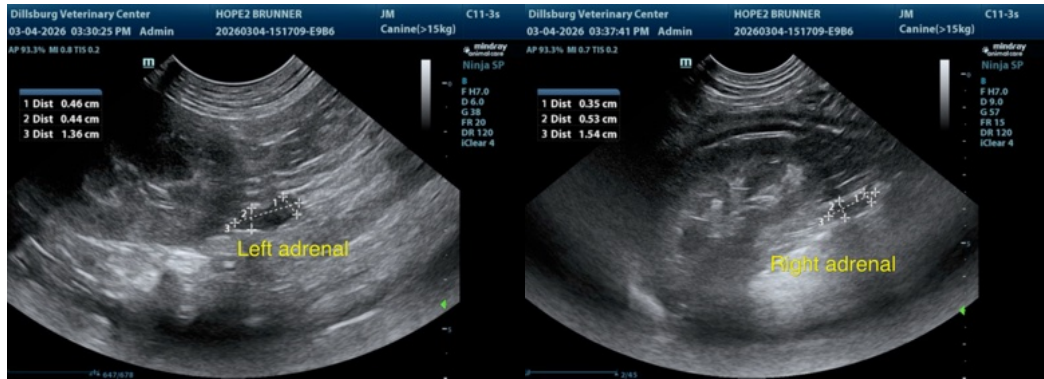
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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