



PATIENT

Jasmine Mueller

SPECIES

Canine

BREED

Beagle Mix

SEX

Spayed female

AGE

12 years

WEIGHT

39 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

William Penn VH

REFERRING VET

Dr. Abouemara

INVOICE

69958

DATE

1/8/26

PRESENTING CLINICAL SIGNS

History: Elevated LE's. Current Meds: Denamarin 425mg
Abnormal PE/Chem/CBC/UA Results: Bun 54; ALT 181; ALP 173

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 5.2 cm, right measured 6.0 cm), with increased echogenic appearance, some loss of cortico-medullary differentiation, and a normal pelvis and capsule. No infarcts, mineralization or renoliths evident. Normal color flow pattern is evident in both kidneys. Small, incidental cortical cysts are noted in the cranial pole of the left kidney measured 0.5 cm in size.

Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 0.73 cm and 0.71 cm in width. The right adrenal gland measured 0.66 cm and 0.73 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 measures 1.4 cm in width.

Liver

Normal size with a diffuse increased echogenic and coarse appearance, normal portal markings, and regular curvilinear capsule. Small, hypoechoic parenchymal nodule measuring 1.2 x 1.8 cm in the cranial aspect of the left lobe. Irregular, mottled echogenic, cystic and non-vascularized mass in the left lobe measuring 2.4 x 3.0 cm in size. Hyperechoic, non-vascularized mass is situated in the left lobe measuring 4.0 x 5.0 cm in size. Normal appearance of the hepatic and portal vasculature.



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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.

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

- Hepatopathy.
- Hepatic nodule.
- Hepatic masses.
- Age related renal changes versus early chronic kidney disease.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most likely etiology for the hepatopathy would be age related reactive hyperplasia.

Etiologies for the hepatic nodule and hepatic masses would be neoplasia, granulomas and possibly organized hematomas.

Further assessment would be three view thoracic radiographs and FNA cytology of the liver, hepatic nodule and hepatic masses.

A tru cut or wedge biopsy may be required for a final etiological diagnosis.

If surgery is being contemplated then a CT scan would be recommended.

Specific therapy would be dependent on an etiological diagnosis.



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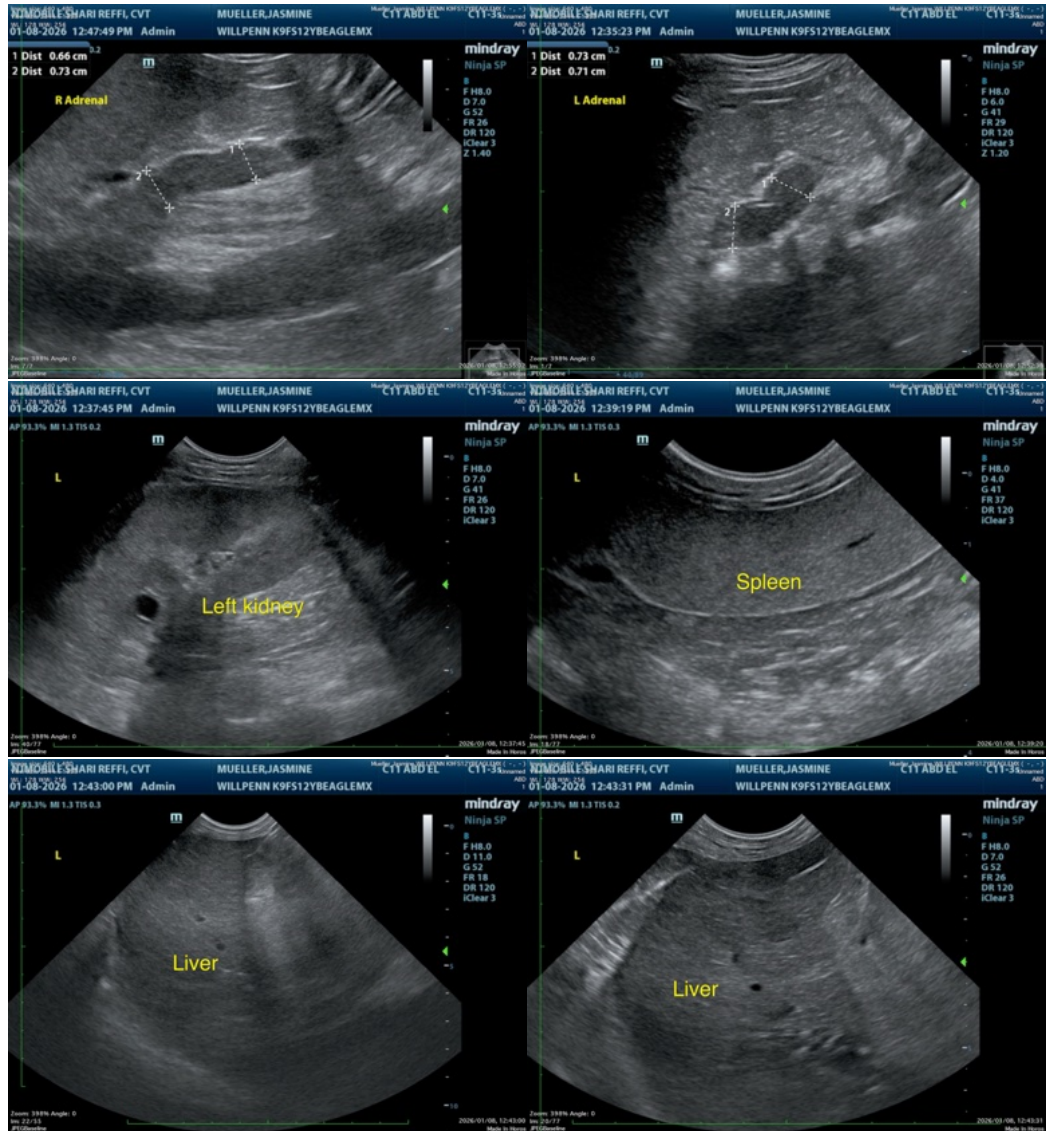
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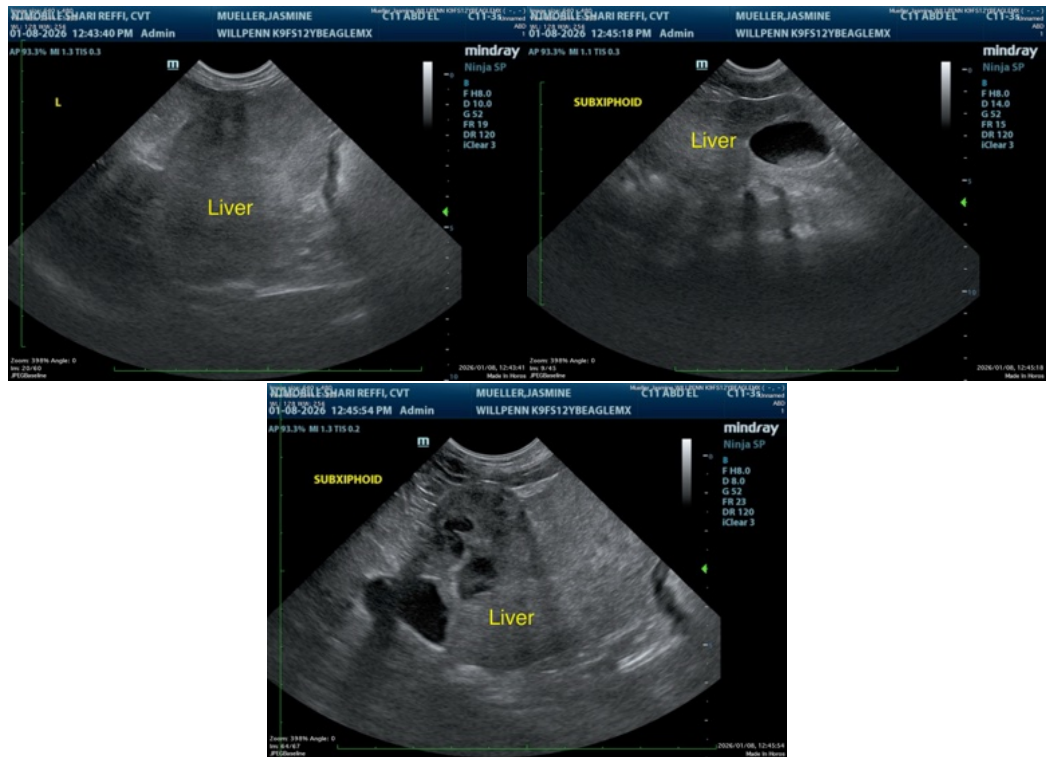
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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