



PATIENT

Maya Bonsall

SPECIES

Canine

BREED

Collie

SEX

Spayed female

AGE

8 years

WEIGHT

66.2 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Susan Lincoski

HOSPITAL NAME

University Drive VH

REFERRING VET

Dr. Lincoski

INVOICE

75226

DATE

5/5/26

PRESENTING CLINICAL SIGNS

History: Routine screening labwork revealed mild liver elevations. No other issues.
Abnormal PE/Chem/CBC/UA Results: Normal exam ALT=230 AST=68

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 evident. A few, small uroliths measuring up to 0.9 cm is present.

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 5.5 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

The left adrenal gland is normal in shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 1.79 cm in length x 0.57 cm in width. The right adrenal gland 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 2.0 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 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

- Uroliths.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

On this ultrasound there is no obvious etiology for the mildly elevated liver enzyme activity.

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

Reactive hyperplasia secondary to dental disease would be an important consideration.

Further assessment would be urinalysis and urine culture.

FNA cytology of the liver could be considered. however, a tru cut or wedge biopsy may be required for a finale etiological diagnosis.

Specific therapy would be dependent on an etiological diagnosis.

Symptomatic management of the hepatopathy would be the use of Ursodiol with regular monitoring of liver enzyme activity.

Management of the uroliths would either be surgical removal or medical dissolution.



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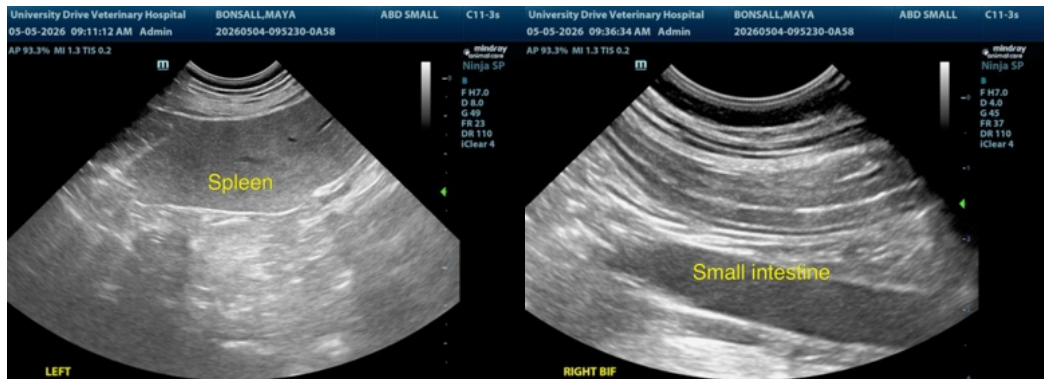
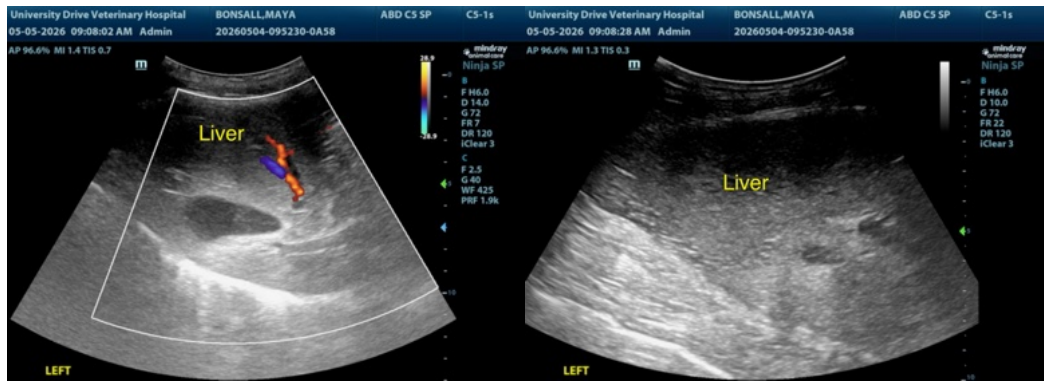
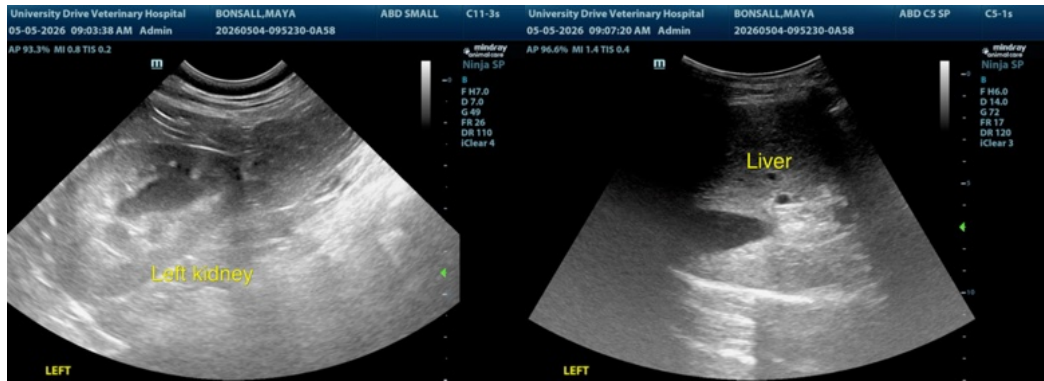
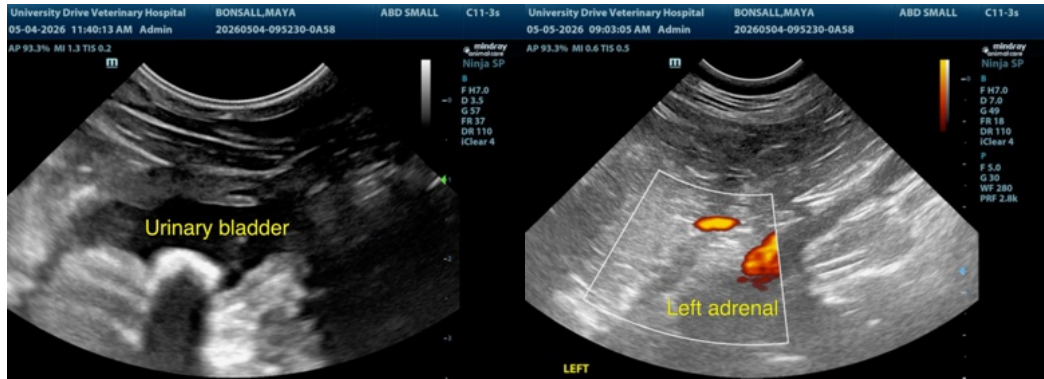
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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