



PATIENT

Ava Maxwell Fisher

SPECIES

Canine

BREED

Bernese Mountain Dog

SEX

Spayed female

AGE

7 years

WEIGHT

74 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Saum Hadi

HOSPITAL NAME

Nimbus PH

REFERRING VET

Dr. Hadi

INVOICE

72246

DATE

3/5/26

PRESENTING CLINICAL SIGNS

- P presents for weight loss, hyporexia, and a recent azotemia/isosthenuria.
- Hypercalcemia also noted on recent labs
- SDMA 19 ug/dL (14 on 10/31/2025) Creatinine 1.6 mg/dL (1.3 on 10/31/2025) BUN 38 mg/dL (20 on 10/31/2025) IDEXX Cystatin B >2500 Calcium 12.4 mg/dL (not on October panel) USG 1.016

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 6.2 cm, right measured 6.4 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 0.44 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 1.8 cm in width.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. A large, irregular, mottled echogenic nodular mass is noted in the cranial aspect of the right lobe measuring 4.0 x 9.0 cm in size. No nodules or additional 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

- Hepatic mass.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most likely etiology for the hepatic mass would be neoplasia and most likely the origin of the hypercalcemia.

Granulomatous disease would be a less likely differential diagnosis.

Further assessment would be three view thoracic radiographs and FNA cytology of the mass.

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

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

As the hypercalcemia has resulted in a hypercalcemic nephropathy, management would be fluid therapy, Furosemide and Prednisolone.



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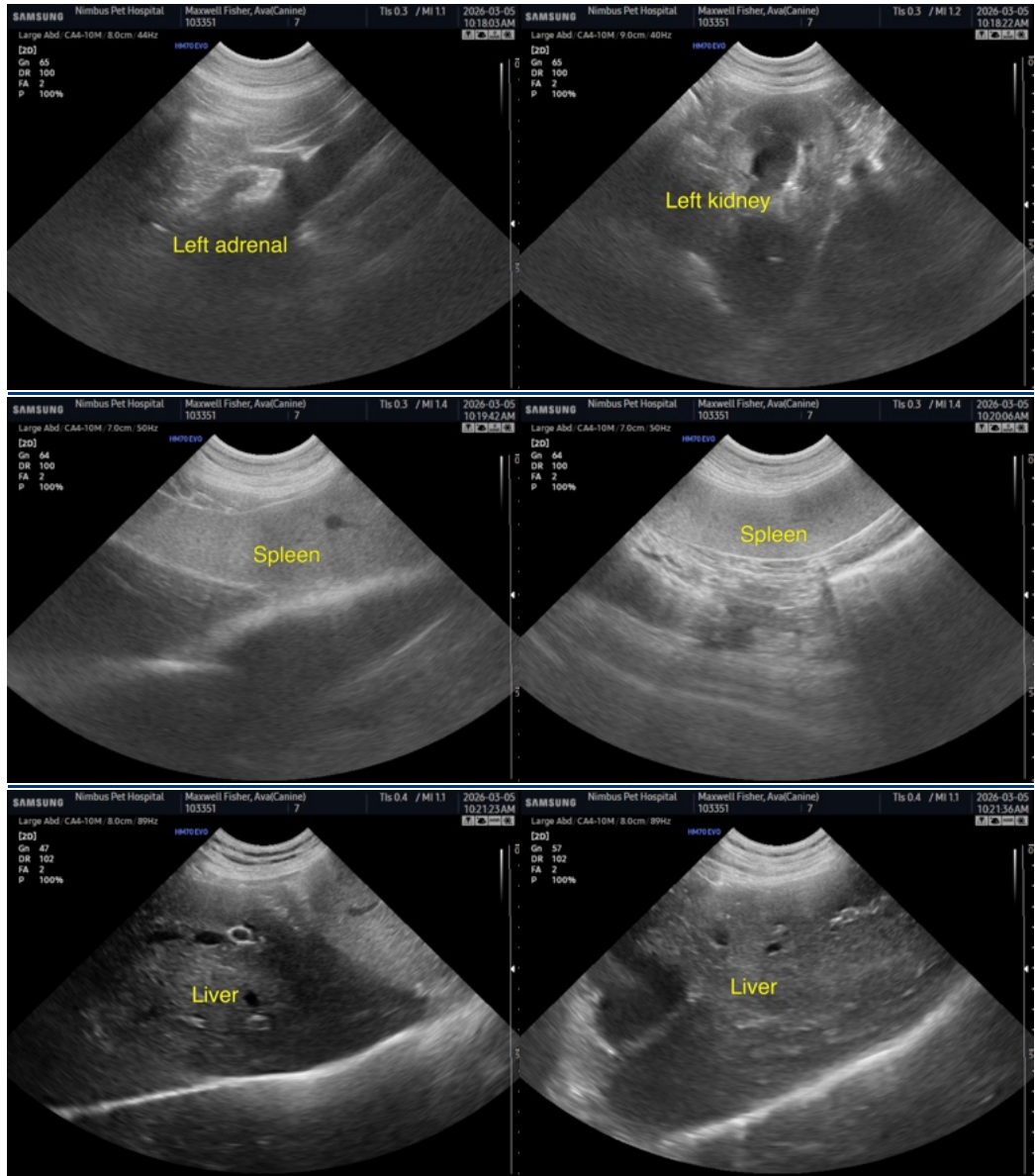
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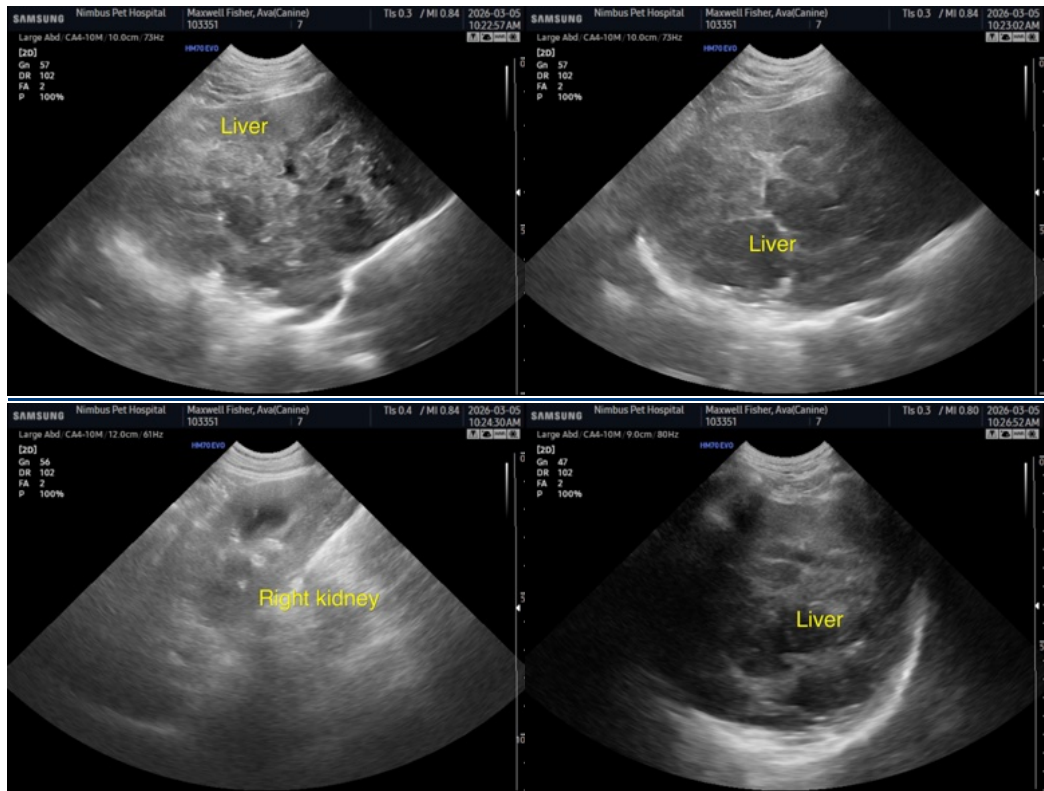
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)

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