



PATIENT

Luna Mafnas

SPECIES

Canine

BREED

Great Dane

SEX

Spayed female

AGE

9 years

WEIGHT

98.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

HOSPITAL NAME

REFERRING VET

Dr.

INVOICE

71291

DATE

2/6/26

PRESENTING CLINICAL SIGNS

- P seen for wellness 1/10 with 8lbs weight loss in 1 year. New heart murmur grade 2/6 discovered. Liver values elevated on chemistry
- Globulin 3.8g/dL (1.6-3.6) ALT (SGPT) 214IU/L (12-118) Alk Phosphatase 281IU/L (5-131)

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **left kidney** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 6.8 cm. The right kidney was not visualized.

Adrenal Glands

The **left adrenal gland** was visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.5 cm. The right adrenal gland was not visualized.

Spleen

The **spleen** revealed a mixed, hypoechoic cystic nodule in the midbody measuring 3.3 x 1.3 cm. Generalized splenomegaly was noted with capsular swelling. The spleen was folded upon itself cranially.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. Gallbladder small calculi and sand were noted. Grouping of which measured 2.6 cm.



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Gastrointestinal

Luna Mafnas

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

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ULTRASONOGRAPHIC FINDINGS

Cholelithiasis.

WEIGHT

98.2 lbs

Splenomegaly with cystic lesion.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the general spleen and liver is indicated. Hyperplasia versus emerging round cell neoplasia. Proactive splenectomy may be optimal in this patient regardless of the cytology results.

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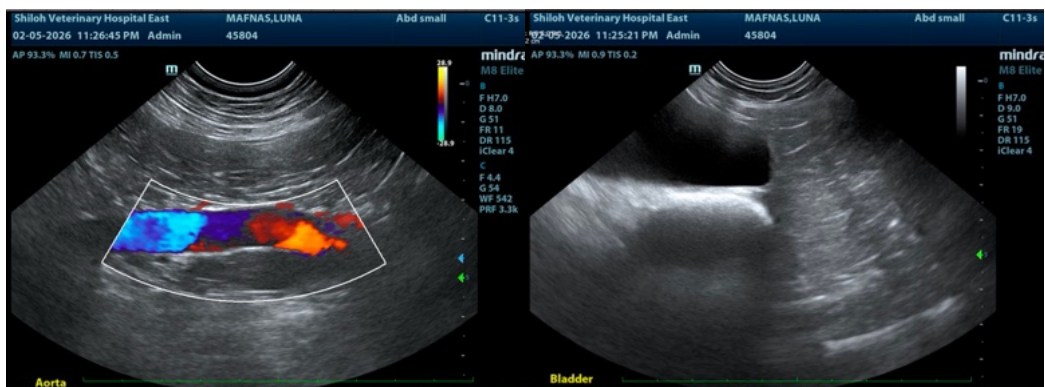
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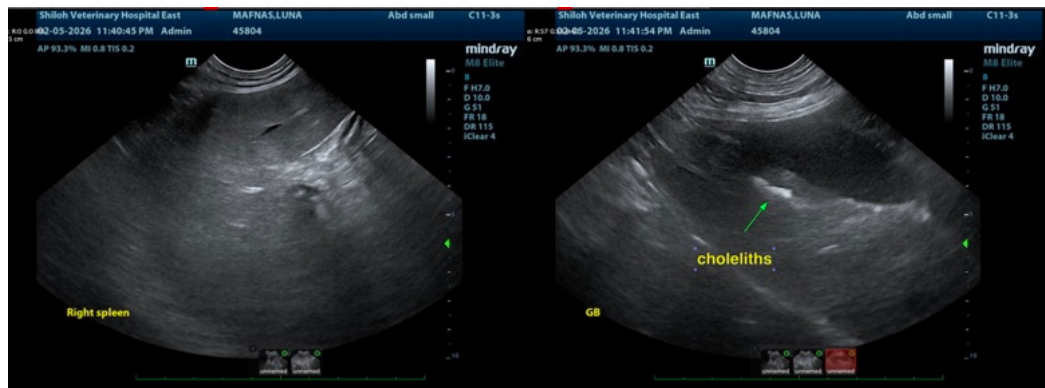
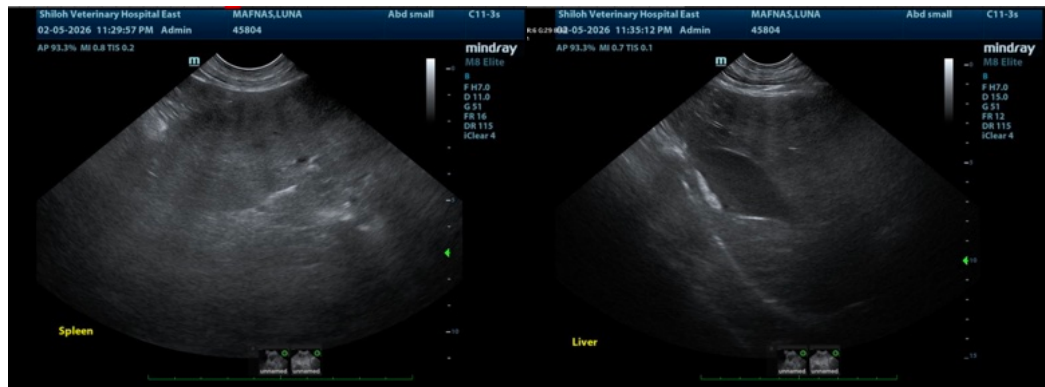
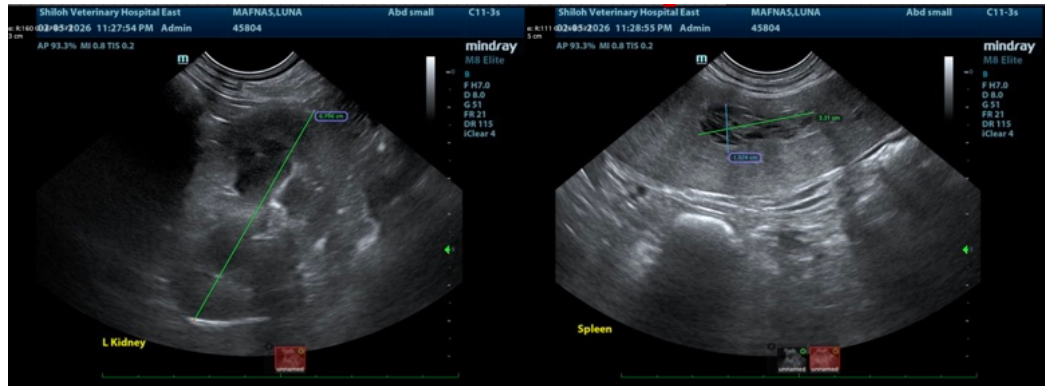
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP (CFM), Cert. IVUSS, CEO of SonoPath.com

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