



PATIENT

Max Cornelius

SPECIES

Canine

BREED

Golden Doodle

SEX

Neutered Male

AGE

4 Years 2 Months

WEIGHT

47 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Katy Borzillo

HOSPITAL NAME

Elizabeth Animal
Hospital

REFERRING VET

Leon Anderson, DVM

INVOICE

72791

DATE

12/26/25

PRESENTING CLINICAL SIGNS

Presented for slower eating, weight loss, and low energy on 12/22/25. Elevated LE's on labs.

Abnormal PE/Chem/CBC/UA Results: PE: BCS 3/9, Cardiac murmur grade 2/6 left heart base. Labs: Mild monocytosis (1.126 K/uL) and Eosinopenia (0.13 K/uL). Unconj Bili 0.3, Total bili 0.4 mg/dL ALT 2689 U/L, AST 296 U/L, ALP 2,071 U/L, GGT 46 mg/dL proBNP 1118 pmol/L UA: usg >1.050, 16 rbc's, 3 bilirubin, 12 urobilinogen Normal Thyroid, Neg HWT-Ehrlichia-Lyme-& Anaplasma, Neg fecal screen

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 were noted. Ureteral papillae were normal.

The prostate was uniform at 1.7 cm.

The **kidneys** 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. Left kidney measured 6.8 cm. Right kidney measured 6.8 cm.

Adrenal Glands

The regions of the **adrenal glands** were unremarkable.

Spleen

An undifferentiated, mixed hypoechoic, 6.0 cm mass was noted in the caudal abdomen, **splenic** in origin, deriving from the caudal body. A separate 4.0 cm hypoechoic undifferentiated splenic mass noted at the mid body. Regional inflammation noted. Other target lesions noted throughout the cranial pole of the spleen. This is consistent with a multicentric neoplastic process.

Liver

The **liver** was riddled with multiple mixed hypoechoic, expansive target type lesions, with deviation of the hepatic capsule and diaphragm owing to expansive mass effects. Severe hepatomegaly and minor areas of free fluid noted.

Gastrointestinal

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.

Free Abdomen

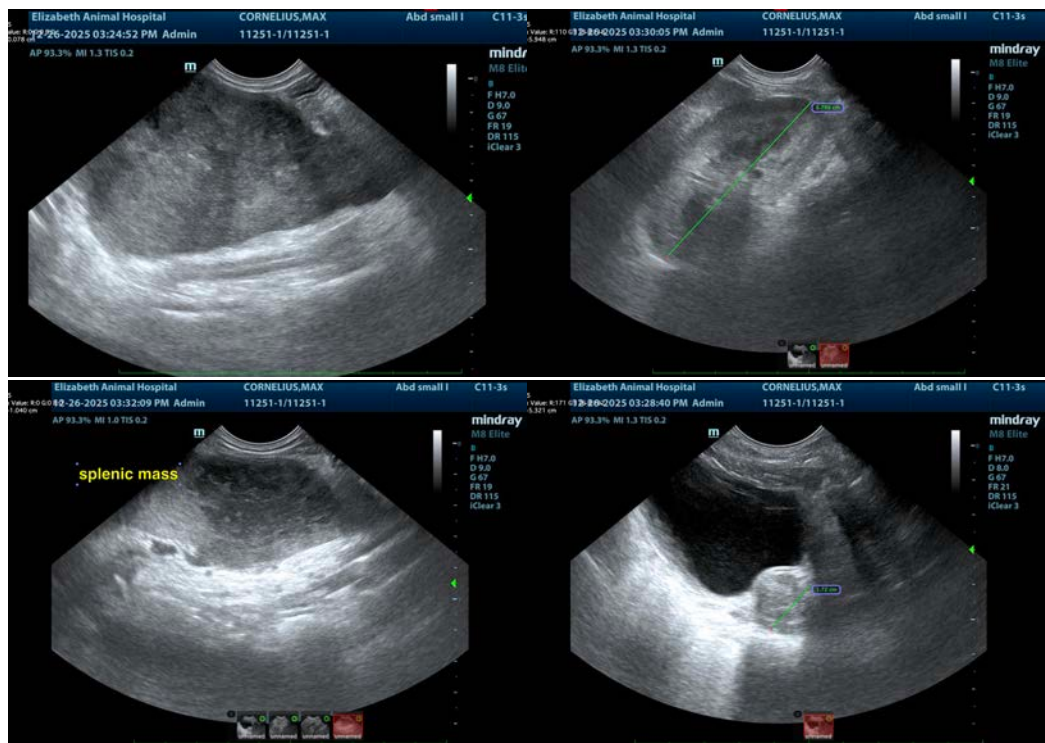
Reactive mesentery noted throughout the cranial abdomen associated with the spleen and liver.

ULTRASONOGRAPHIC FINDINGS

- Aggressive spleno-hepatic sarcomatous metastatic neoplastic pattern.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA spleen and liver indicated for further definition. Immediate chemotherapeutic intervention recommended yet prognosis is poor long-term.



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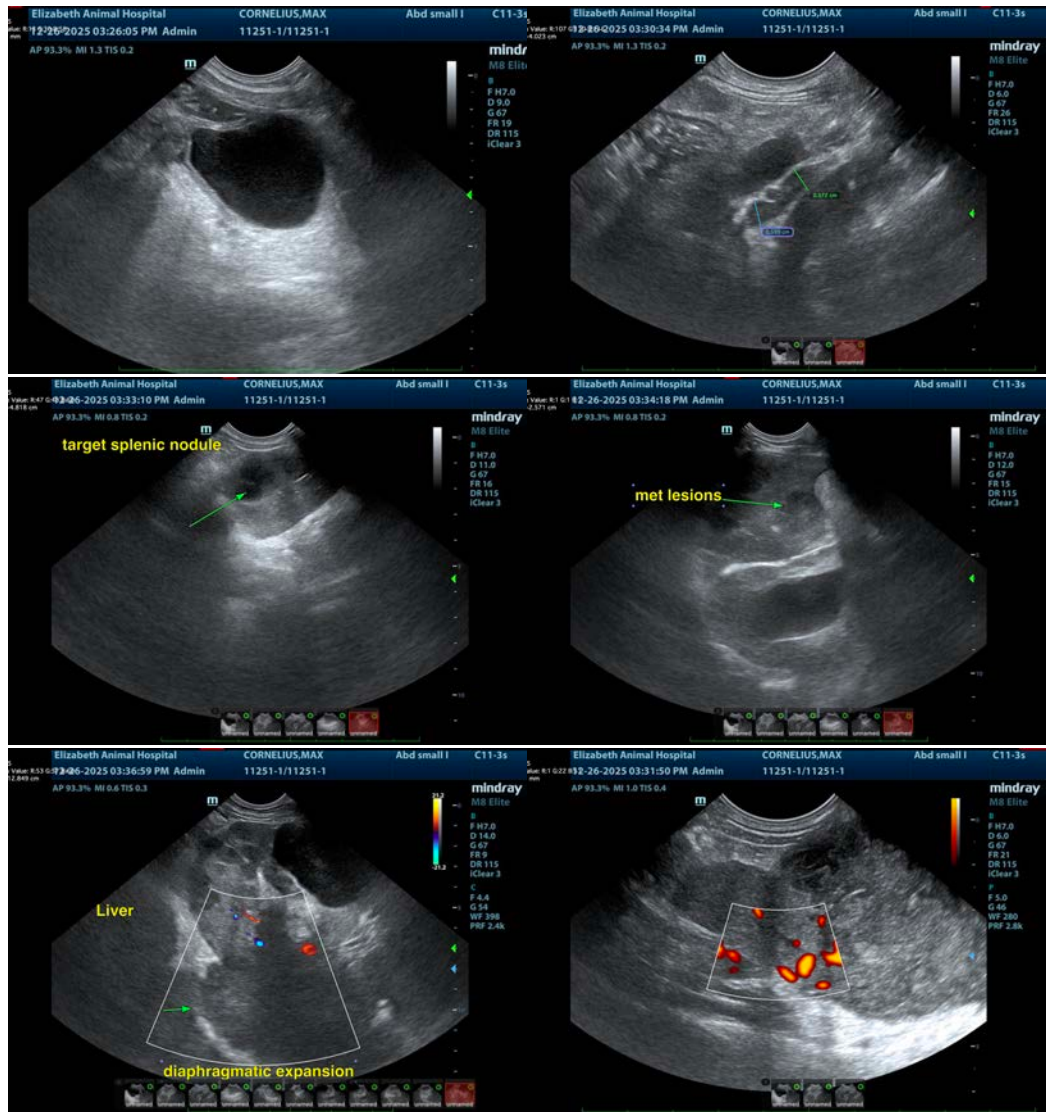
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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,
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