



PATIENT

Zola Lee

SPECIES

Canine

BREED

Golden Retriever

SEX

Spayed Female

AGE

6 years

WEIGHT

75 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Kelly Vazquez, CVT

HOSPITAL NAME

Westwood Regional
VH

REFERRING VET

Dr. Gabreal

INVOICE

94633

DATE

12/15/21

PRESENTING CLINICAL SIGNS

History: Patient presents for labored breathing, anorexia, and lethargy. Patient is febrile and gums were light pink to pale upon initial presentation, but color improved following ultrasound. Radiograph showed possible caudal abdominal mass, possible abdominal effusion in abdomen.

Abnormal PE/Chem/CBC/UA Results: HCT 25.71, HGb 9.0, Plt 39, glucose 54, ALT 174, ALP 1830, GGT 19, T. bili 1.1.

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 **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. The capsules were acceptably uniform without significant irregularities. The right kidney measured 6.98 cm. The left kidney measured 6.9 cm with trace pyelectasia.

Adrenal Glands

Both **adrenal glands** were 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 3.04 x 0.75 cm at the caudal pole and 0.6 cm at the cranial pole.

Spleen

The **spleen** was enlarged, irregular and was folded upon itself. Multi-focal hypoechoic, irregular mesenteric lymph nodes were enlarged with regional inflammation up to 3.0 x 1.0 cm. Distorted target type lesions were noted in the spleen.

Liver

The **liver** was swollen and irregular with mildly increased portal markings. The gallbladder and common bile duct were unremarkable.

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

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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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Heart

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Rapid view of the heart revealed no evidence of pathology.

Golden Retriever

ULTRASONOGRAPHIC FINDINGS

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Spayed Female

Infiltrative splenohepatic patterns with mesenteric lymphadenopathy. Strongly suggestive for lymphoproliferative disease/round cell neoplasia.

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6 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

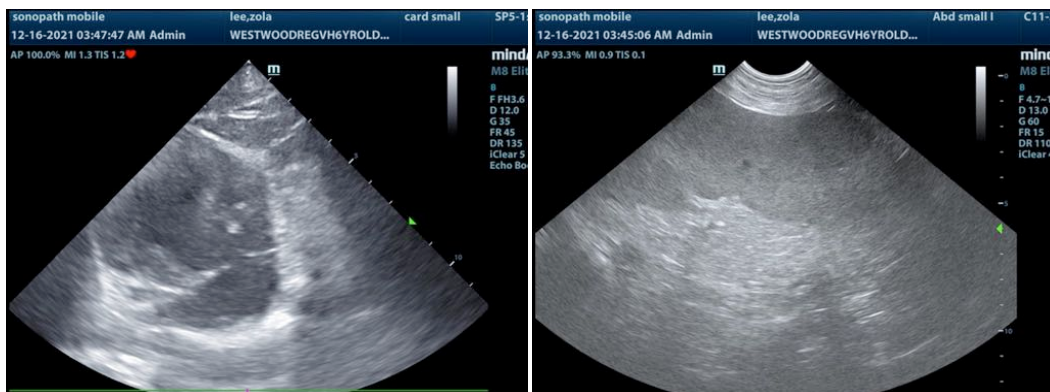
FNA of the spleen and liver is recommended +/- FNA of the mesenteric lymph nodes. This is a particularly aggressive presentation. The abdominal pain is likely owing to the splenomegaly and regional mesenteric lymph node inflammation.

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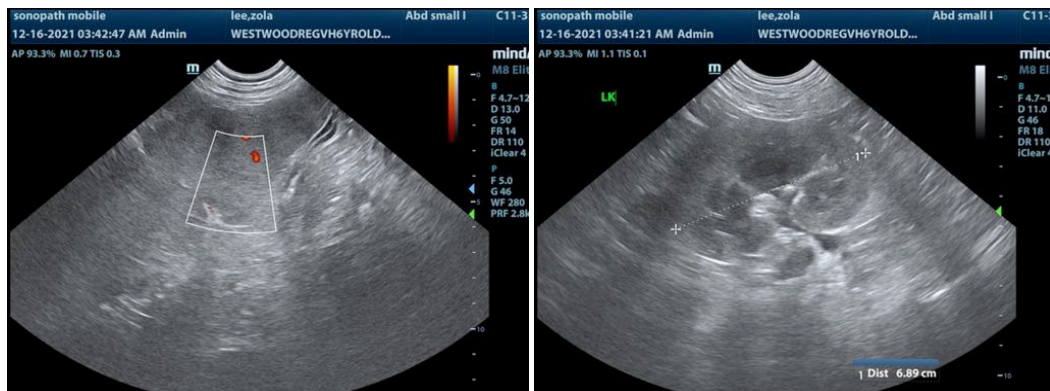
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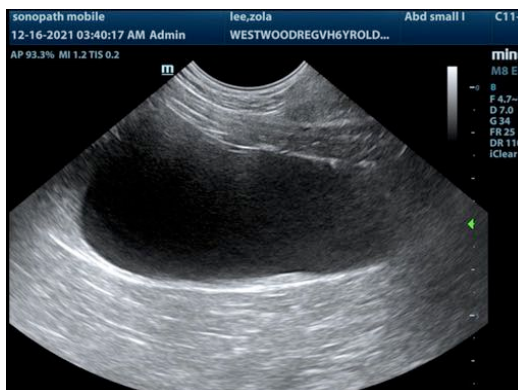
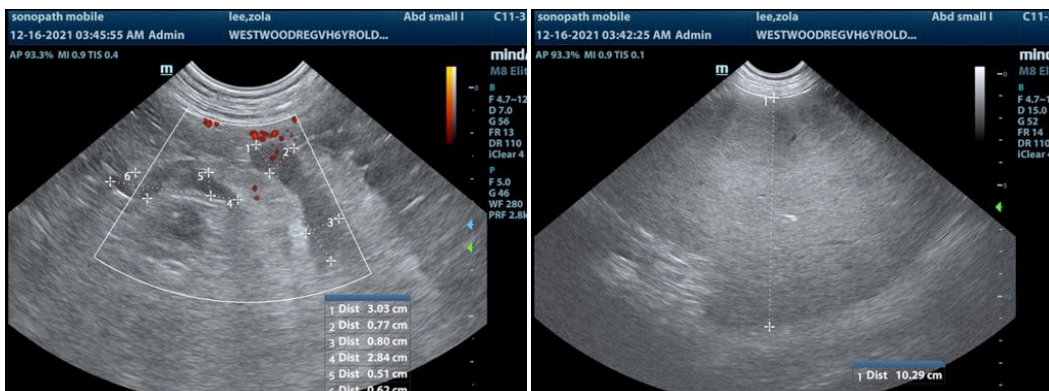
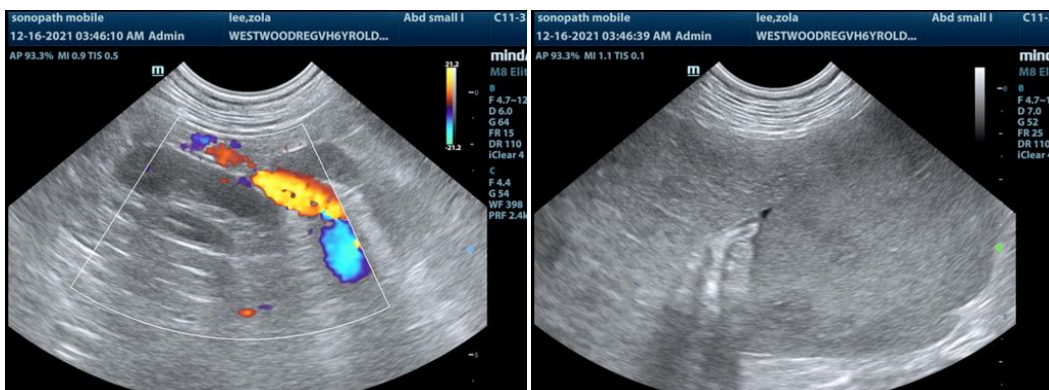
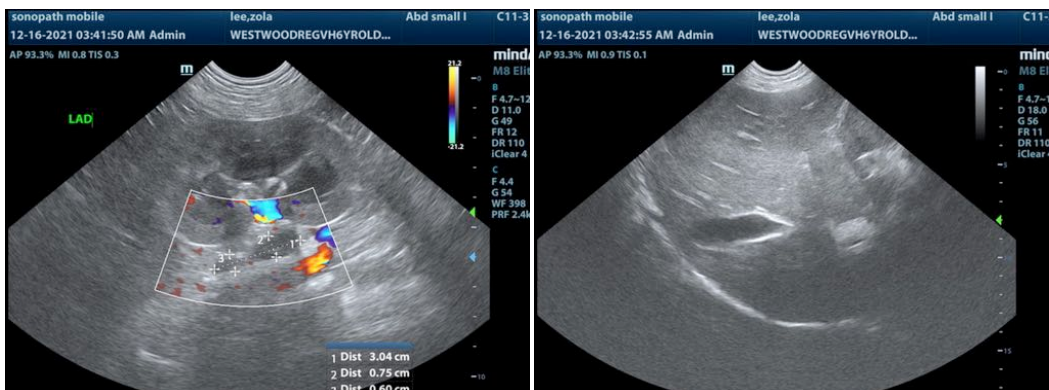
Dr. Gabreal

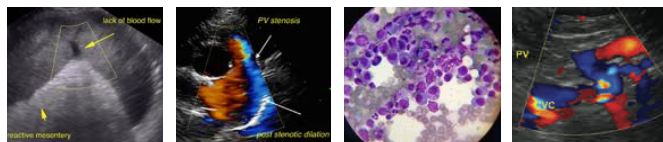
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veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

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info@SonoPath.com

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