

PATIENT

Bella Witham

PRESENTING CLINICAL SIGNS

Occasional (q. 6 weeks) bouts of bloody diarrhea. Started with focused splenic/liver scan because of age/breed then converted to full scan. Labwork NSF. No weight loss.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Golden

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.

SEX

Spayed Female

AGE

11 years

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 6.72 cm. The right kidney measured 7.3 cm.

WEIGHT

82 lbs

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 0.64 cm. The right adrenal gland was not visualized.

IMAGING PERFORMED BY

Dr. Williams

Spleen

HOSPITAL NAME

LimestoneVH

The **spleen** revealed multi-focal, hypoechoic nodular changes up to 0.87 cm at the caudal pole. Separate, coalescing, hypoechoic nodules created a mass in the mid spleen and grouping of which measured 5.6 x 3.6 cm.

REFERRING VET

Dr. Williams

Liver

INVOICE

95860

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Minor, non-disruptive heterogenous changes were noted. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

DATE

2/7/22



PATIENT

Gastrointestinal

Bella Witham

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. There was some retention of ingesta noted in the stomach. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively.

SPECIES

Canine

BREED

Golden

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.

SEX

Spayed Female

Free Abdomen

A presumably lymph node mass was noted in the caudal abdomen and measured 4.0 x 3.0 cm.

AGE

11 years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

82 lbs

Splenic nodules and mass, possible early metastatic disease to the liver, no evidence of rupture.

Separate presumably lymph node based mass noted in the caudal abdomen.

Nodular hepatic changes.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

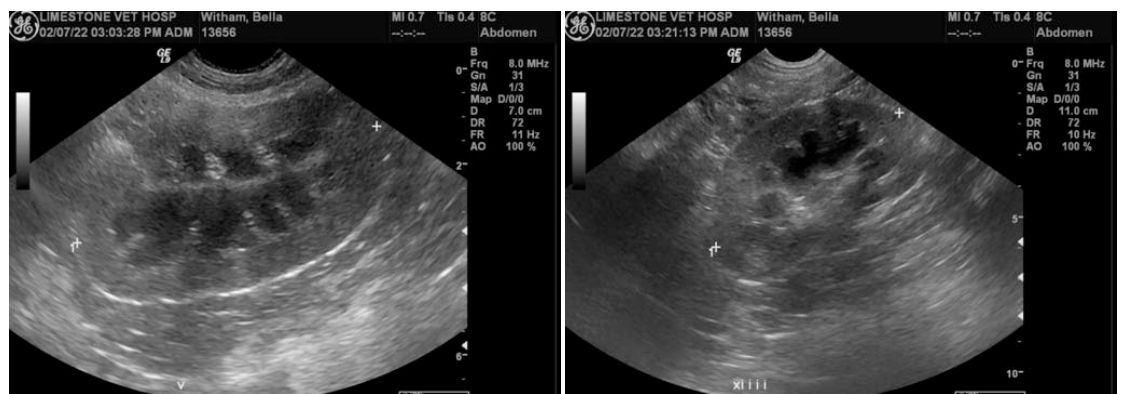
I am concerned for round cell neoplasia versus hemangiosarcoma. Ultrasound-guided FNA of the lymph node, spleen and liver would all be indicated. Three view chest radiographs with focus on the cranial mediastinum is indicated.

IMAGING PERFORMED BY

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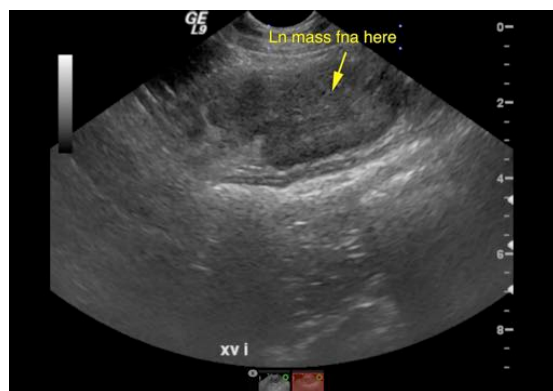
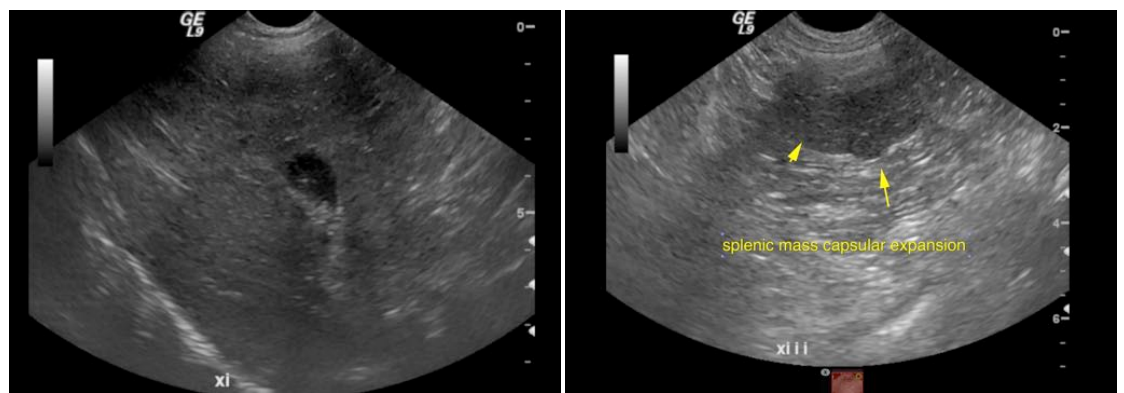
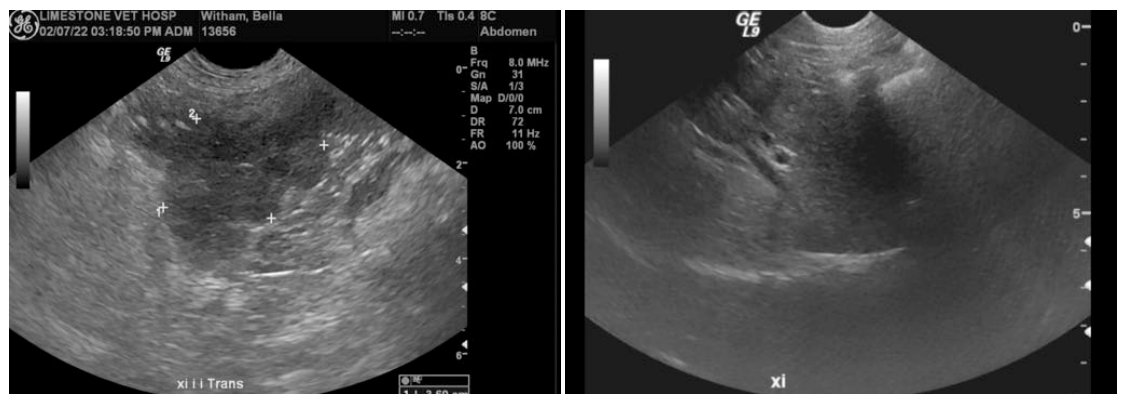
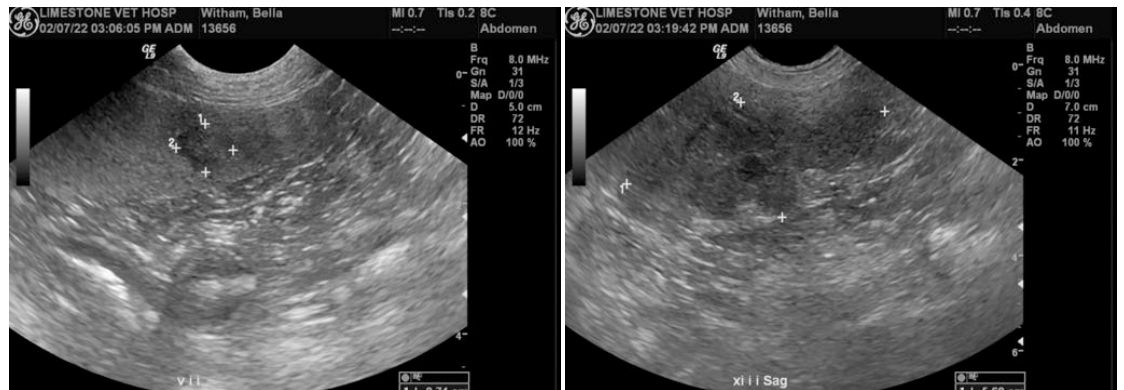
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PATIENT

Bella Witham

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.

SPECIES

Canine

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.

BREED

Golden

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

SEX

Spayed Female

AGE

11 years

WEIGHT

82 lbs

INTERPRETED BY

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**IMAGING
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