



PATIENT

Stella Ebaugh

SPECIES

Canine

BREED

Great Pyrenees

SEX

Spayed Female

AGE

11 Years

WEIGHT

112 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Marti Williams

HOSPITAL NAME

Limestone VH

REFERRING VET

Dr. Masha McCarthy

INVOICE

41243

DATE

9/12/22

PRESENTING CLINICAL SIGNS

Originally presented 8/25/22 for a small aural hematoma. Placed on Prednisone at that time. Represented 9/7/22 as ADR, labored breathing x 2 weeks, rear limb weakness. Exam - tender on cranial abdomen. Survey abdominal ultrasound on presentation (5 days ago) - scant hypoechoic fluid between liver lobes and peri-renal. Not noted during today's ultrasound. Clinically the dog is doing much better from 9/7/22 presentation, no longer needs assistance to get up.

Abnormal PE/Chem/CBC/UA Results: AST 388, ALT 959, SAP 2509, GGT 25, T Bili 0.5, Mg 1.2, Na 149, Potassium 3.8 (ratio 29) Choles 336, TG 325, RBC 5.3, Hg sl. low at 11.7, Lymphos 531, PPSL 355, T4 <0.5, FT4 12.1

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 1.0 cm beyond the cystourethral junction.

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. The left kidney measured 7.61 cm. The right kidney measured 7.5 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. Occasional hyperechoic lipogranulomatous type change noted. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver

The **liver** was enlarged, irregular, and hypoechoic with scalloping contour. Iso- to hypoechoic nodules noted. The gallbladder appeared unremarkable. Attenuating sound beam did not allow for complete visualization of the cranial abdomen.

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 **pancreas** presented mild heterogeneous, hypoechoic changes noted, consistent with low-grade inflammation.

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ULTRASONOGRAPHIC FINDINGS

- Irregular, enlarged liver
- Low-grade pancreatic inflammation

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Great Pyrenees

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the liver indicated. Potential round cell neoplasia versus hepatitis. Leptospirosis titers warranted if FNA does not demonstrate neoplasia. Prognosis is guarded depending upon cytology results.

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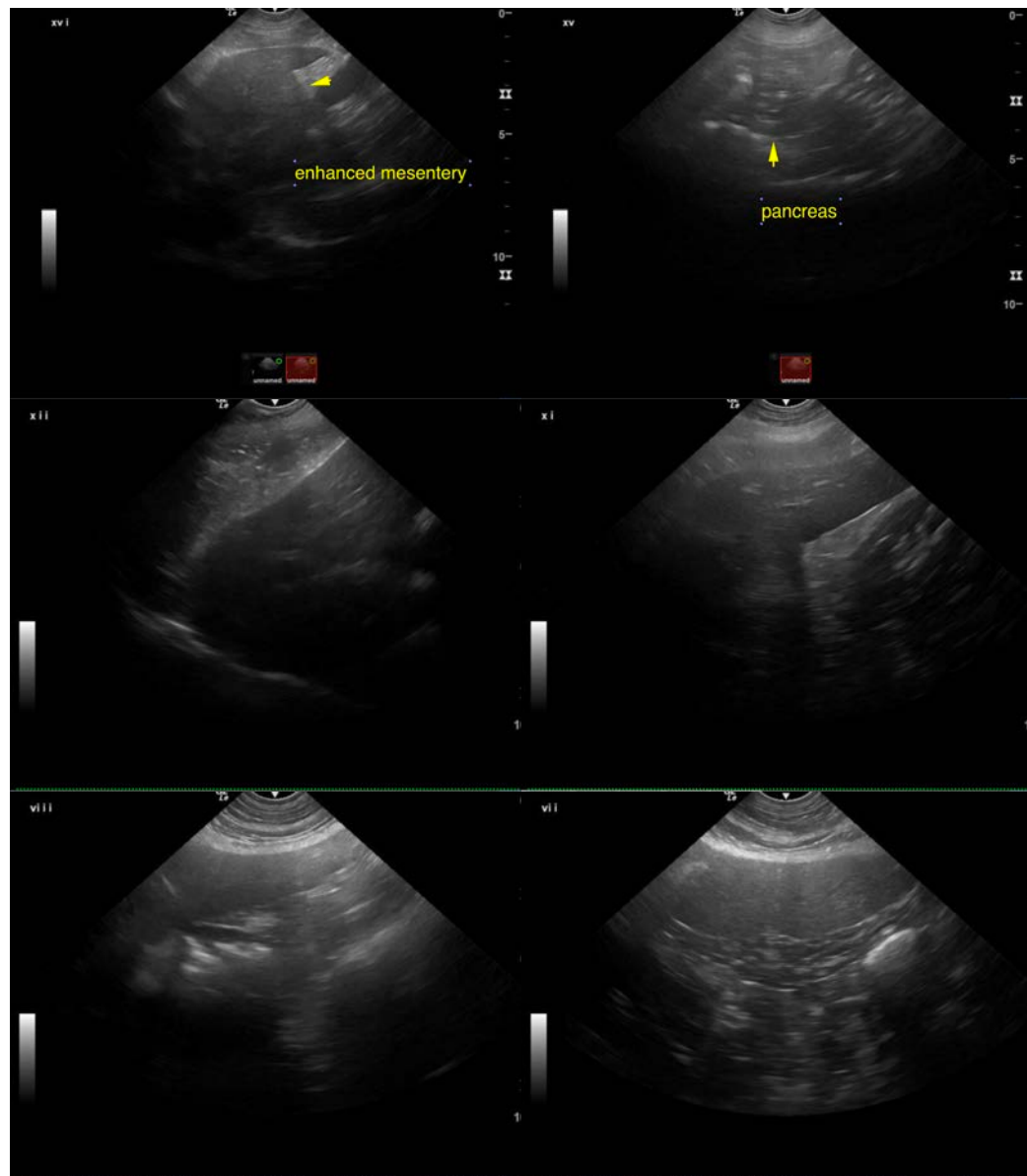
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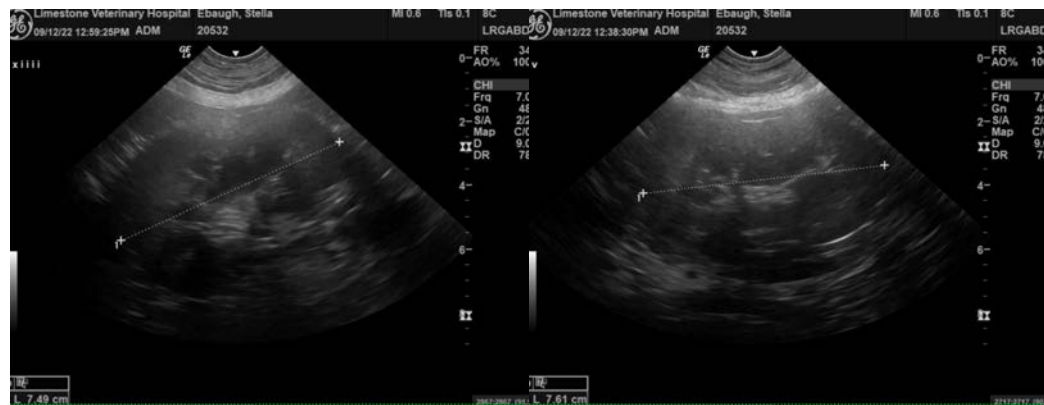
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, Cert. IVUSS, CEO of SonoPath.com

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