



PATIENT

Besos Fernandez

PRESENTING CLINICAL SIGNS

1 month history of on/off vomiting and diarrhea. Mild icterus. no new food treats
Abnormal PE/Chem/CBC/UA Results: AST 156 ALT 1379 Alk Phosph 919 GGT 62 Bilirubin 2.3

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Terrier X

The **urinary bladder** and visible pelvic urethra were unremarkable for the level of repletion presented. The urine, however, did present some mildly echogenic debris consistent with mucous, exfoliated cells from renal or bladder origin, and/or blood clots as these echogenic changes can all present similarly. This is often related to urinary tract infection but may represent simple evidence of exfoliated debris or sterile inflammation. Cystocentesis, urinalysis, +/- culture would be recommended to rule out and define any UTI.

SEX

Spayed Female

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 kidneys measured 5.0 cm each.

AGE

5 Years

Adrenal Glands

WEIGHT

15 Pounds

The **adrenal glands** were not visualized.

Spleen

The **spleen** was mildly swollen and slightly irregular. Micronodular changes noted in the spleen.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Liver

The **liver** was hypoechoic with irregular contour and increased portal markings. Some disrupted organization and capsular swelling noted. The gallbladder presented a minor amount of congestion and debris with a small amount of sand. The common bile duct measured 2.0 mm.

IMAGING PERFORMED BY

Dr. Taylor Parker

Gastrointestinal

Structurally the **gastrointestinal tract** was unremarkable. However, some intestinal spasming was noted.

HOSPITAL NAME

Lone Mountain AH

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.

REFERRING VET

Dr. Taylor Parker

ULTRASONOGRAPHIC FINDINGS

INVOICE

33258

- Irregular hepatic remodeling and enlargement
- Mild splenic enlargement

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

12/4/21

Suspicion for round cell neoplasia versus reactive spleen and cholangiohepatitis. FNA of the spleen and liver strongly recommended in this patient. Guarded prognosis. Leptospirosis titers indicated.



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REFERRING VET

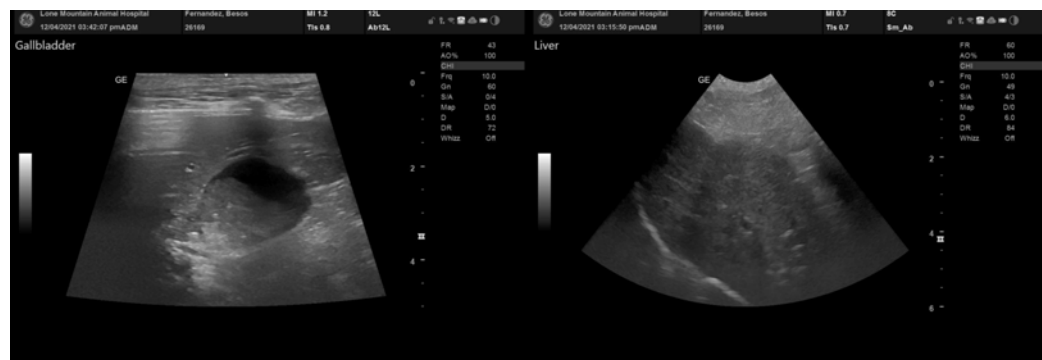
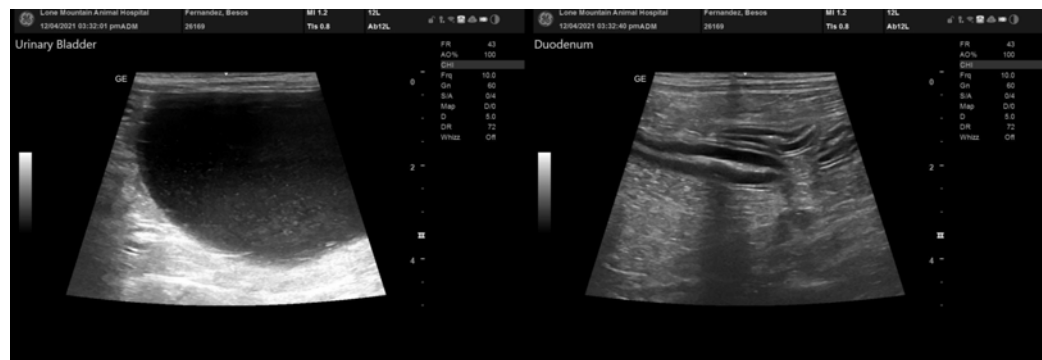
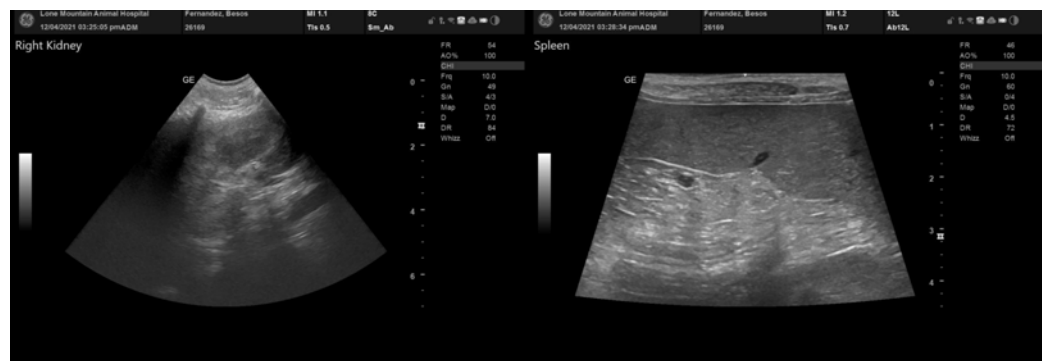
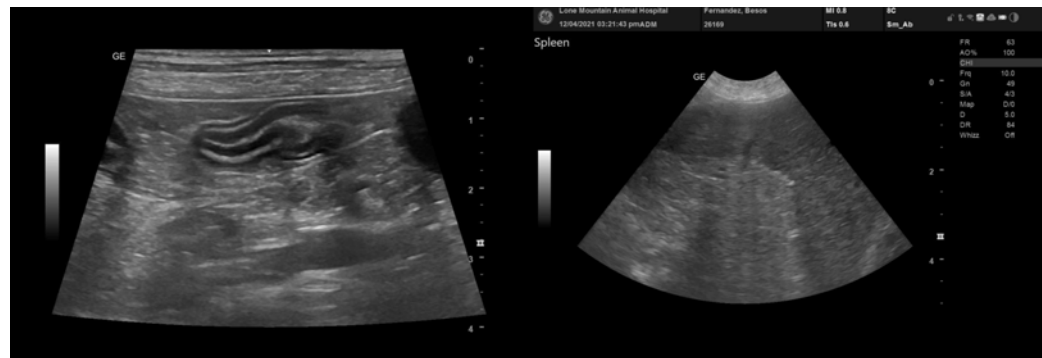
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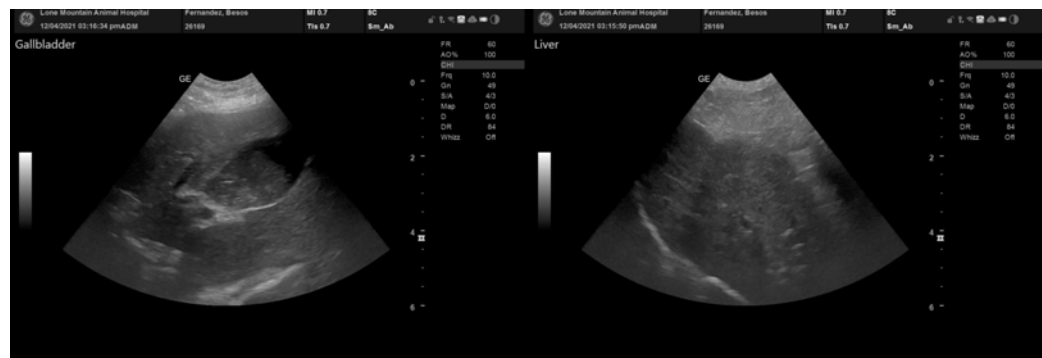
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
info@SonoPath.com