



PATIENT

Luca Ostrem

SPECIES

Canine

BREED

German Shepherd X

SEX

Neutered Male

AGE

6 Years 1 Month

WEIGHT

70.2 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Agnes Rupley

HOSPITAL NAME

All Pets Medical Center

REFERRING VET

Dr. Agnes Rupley

INVOICE

33652

DATE

12/22/21

PRESENTING CLINICAL SIGNS

REPORTED SYMPTOMS: Anorexia since teeth cleaning under anesthesia on 12/15/2021. Entyce was administered yesterday and he ate a very small amount on 12/22/21. No vomiting reported. Luca has a "burping" sound that occurs maybe 10 times a day. HISTORY: Performed teeth cleaning under anesthesia on 12/15/2021. Tooth 108 was extracted due to slab fracture with root canal exposed. VITALS: 70.2 # Temperature: 103.7 excited Heart Rate: 52 bpm under sedation with Dexmedetomidine Respiratory Rate: 24 bpm Mucous Membrane Color: pink and moist Capillary Refill Time: <2 CURRENT MEDICATIONS: Administered a single dose of Entyce 12/21/21 (owner unable to administer at home because this dog is aggressive). EXAM FINDINGS: Lost 6.5 pounds since 12/15/21. Rectal exam reveals normal consistency feces with no grossly visible blood or mucous. Mucous membranes are moist Extraction site appears normal. Otitis externa LAB RESULTS: Chemistry and electrolyte panel results reveal mildly elevated glucose with normal other results. CBC results reveal no significant abnormalities. Urinalysis results reveal protein 30. pH 6.0, and Specific Gravity: >1.050. The urine is orange. The cPLI result is equivocal. T4 is low normal at 1.82 ug/dl (1.50 - 3.60); TSH is elevated at 0.568 ng/ml (< 0.40). An ACTH stimulation test was performed. Results pending. 12/15/2021: CBC results reveal slight increase in PCV, hemoglobin, and RBC (mild dehydration or splenic contraction). Chemistry panel results normal. Intestinal Parasite Screen (Fecal Float) reveals no evidence of intestinal parasites Urinalysis results reveal protein 15, with pH of 6.0 and Specific Gravity: 1.026. Urine protein:creatinine is normal. [SDMA results 12/27/21: elevated at 17 (0-14).

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** was normal. The urethra was not visualized.

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 7.62 cm. The right kidney measured 7.01 cm.

Adrenal Glands

The **left adrenal gland** was visualized obliquely, measuring 0.5 cm. The region of the right adrenal gland was imaged, no evident pathology.

Spleen

The **spleen** was mildly enlarged, uniform, typical for the breed. The spleen was folded upon itself caudally.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

The **stomach** was filled with progressively shadowing ingesta. The small intestine and colon were unremarkable.



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Pancreas

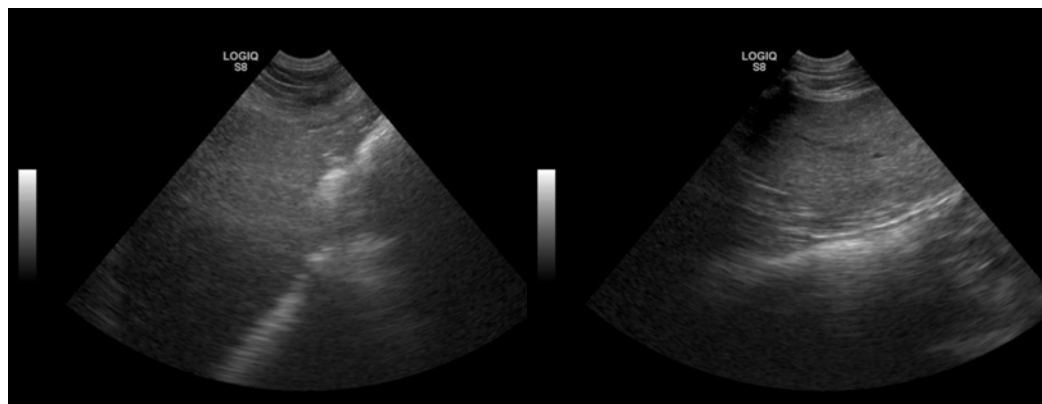
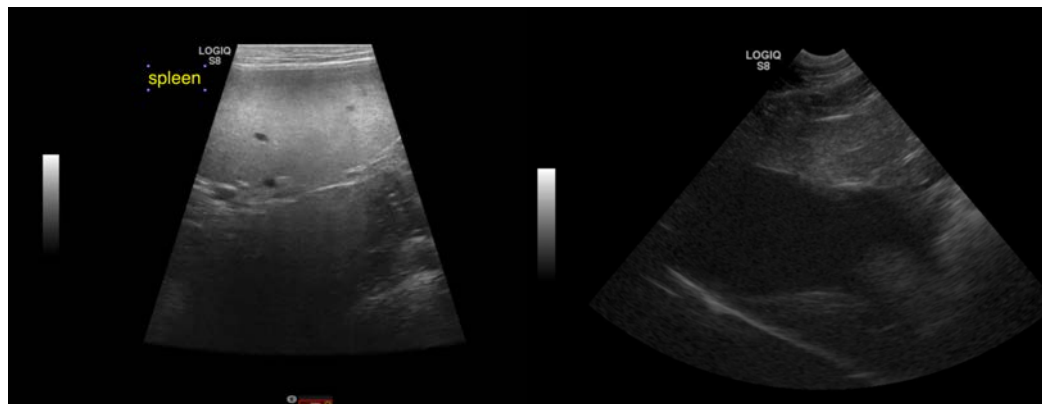
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

- Hypersplenism – common for the breed.
- Retention of ingesta in the stomach

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the spleen could be considered for further definition to ensure this is a reactive or hyperplastic state. If the patient is painful upon palpation of the spleen, then proactive splenectomy could be considered to potentially avoid splenic torsion, yet no evidence of torsion noted at this time. Given the patient history, underlying bloating may be an issue. The gastric content would be consistent with post-prandial presentation. If the patient has not eaten prior to the sonogram, soft foreign matter could be considered such as grass or similar.





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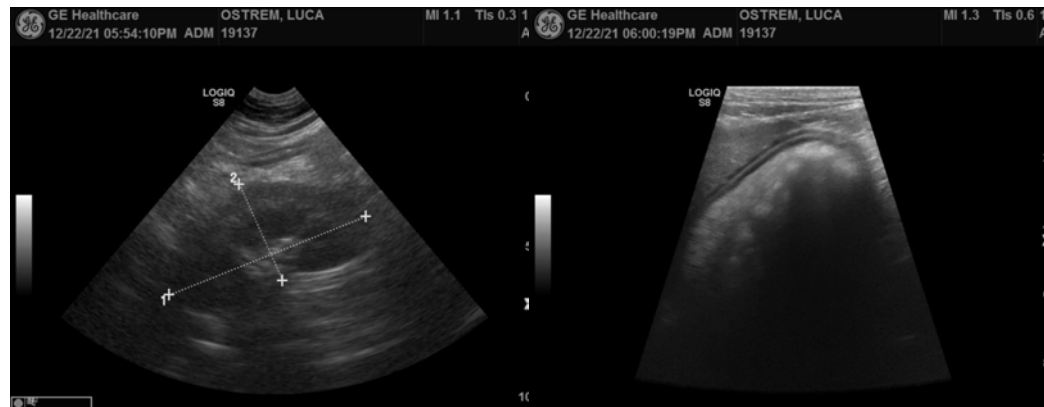
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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