



PATIENT

Bella Lightner

SPECIES

Canine

BREED

Miniature Schnauzer

SEX

Spayed Female

AGE

4 years

WEIGHT

10.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Laura De Cordon

HOSPITAL NAME

Mason Dixon AEH

REFERRING VET

Dr. DeCordon

INVOICE

31401

DATE

7/1/22

PRESENTING CLINICAL SIGNS

History: Bella presented on 6/30/22 for acting lethargic, defecating on the couch and vomiting after drinking.
Abnormal PE/Chem/CBC/UA Results: On physical exam, Bella was bright, alert, and responsive. She was dehydrated and painful with her abdomen. Her heart and lungs sounded normal. 1. CBC unremarkable -Hct 55.3%/TP 6.7 2. Chemistry & Electrolytes -Albumin elevated 4.4 -ALT elevated 576 -GGT elevated 25 -Total bilirubin elevated 1.4 -Potassium slightly low 3.7 -Chloride slightly low 101 3. cPLi normal Radiographs Abdominal right lateral and v/d views: dorsal aspect of stomach on v/d appears abnormal; stomach rugal folds appear thickened; no GI obstructive pattern at this time

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction. 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 and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 4.46 cm. The left kidney measured 4.37 cm.

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 1.2 x 0.29 cm. The right adrenal gland measured 0.8 cm at the cranial pole and 0.6 cm at the caudal pole.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. 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 was noted.

Liver

The **liver** revealed coarse architecture with mildly increased portal markings. The gallbladder and common bile duct were unremarkable. There was no evidence of post hepatic disease.



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Gastrointestinal

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The **stomach** presented hypertrophy mucosa and fluid filled lumen. The small intestines and colon were unremarkable.

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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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ULTRASONOGRAPHIC FINDINGS

Acute hepatic insult.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Leptospirosis and toxin exposure are possible. Coagulation panel and ultrasound-guided FNA is indicated. Ampicillin, Metronidazole and nutraceuticals are all indicated. GI protectants are indicated.

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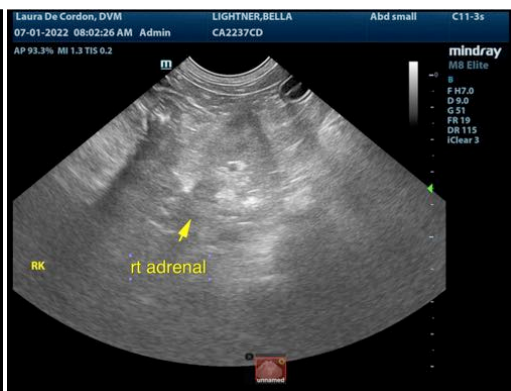
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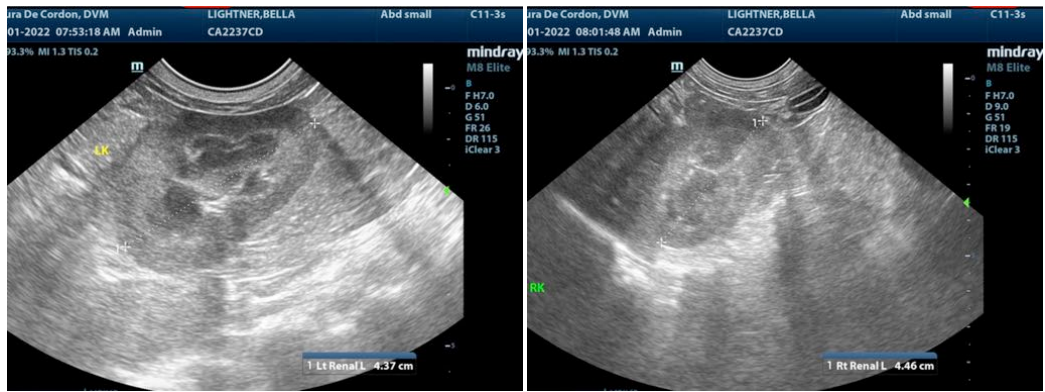
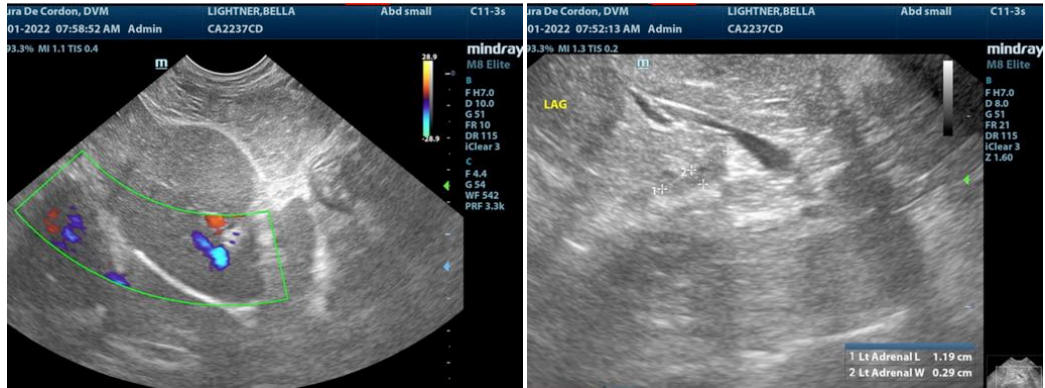
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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