



**PATIENT PRESENTING CLINICAL SIGNS**

Greta Rupley

**SPECIES**

Canine

**BREED**

Boxer Mix

**SEX**

Spayed Female

**AGE**

12 years

**WEIGHT**

83.4 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Rupley

**HOSPITAL NAME**

All Pets Medical Center

**REFERRING VET**

Dr. Rupley

**INVOICE**

94432

**DATE**

12/8/21

History: BE SURE TO INCLUDE IN REPORT THAT THIS IS DR RUPLEY S DOG PRESENTED FOR: Repeated retching, of approx 3 week duration. HISTORY OF: masticatory myositis based on biopsy 2011- has not needed treatment for this within the last 10 years. Recent diagnosis of hypothyroidism, and elevated urine:cortisol. 2/2/2021. Repeat senior abdominal ultrasound recommended. Senior Abdominal Ultrasound Screen FINDINGS: Multiple slightly hypoechogenic splenic masses of varying sizes noted on senior abdominal ultrasound AS PREVIOUSLY NOTED- None cause bulging of the capsule. PREVIOUS CYTLOGY REVEALED THIS TO BE extramedullary hematopoiesis, EMH AT THAT TIME. VITALS: 83.4 pounds Temperature: 101.7 Heart Rate: 100 bpm Respiratory Rate: 28 bpm Mucous Membrane Color: pink Capillary Refill Time:<2 CURRENT MEDICATIONS: Bravecto Generic Adequan Liver Adjunctive Just started thyroxine EXAM FINDINGS: Respiration appears normal. Normal bronchovesicular sounds are ausculted bilaterally. Normal breathing rate and depth present. No nasal discharge present. Body score 6/9 Dental disease Moderate nuclear sclerosis Weight bearing lameness of right rear leg (waxes and wanes, chronic osteoarthritis). LAB RESULTS: CBC results normal. Chemistry results reveal elevated alk phos at 378 -decreased from 666 on 11/1/21 (20-150) and low globulins. ALT has returned to normal (elevated 11/1/21). History from 11/1/2021: Chemistry-elevated alk phos and alt, with low globulins. Rx liver adjunctivex60d Urinalysis results reveal pH of 6.5 and Specific Gravity: 1.018. T4 is low at 1.21 (1.5 - 3.6); TSH is elevated at 0.573 ng/ml (< 0.40). UCCR Ratio is elevated at 13.0 (< 10 x 10 E-6). ASSESSMENT AND PLAN: Thoracic and abdominal radiographs, abdominal ultrasound, and barium swallow with radiographs performed. Low dose dexamethasone testing planned.

**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 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 left kidney measured 6.38 cm. The right kidney measured 7.7 cm.

**Adrenal Glands**

The **adrenal glands** were not visualized.

**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.



**PATIENT**

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**Liver**

The visible **liver** was unremarkable; however, the images were somewhat dark. I recommend a lower frequency probe.

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**Gastrointestinal**

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Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. The stomach was empty. 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.

**SEX**

Spayed Female

**Pancreas**

**AGE**

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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**

Structurally unremarkable abdomen based on the image set provided.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

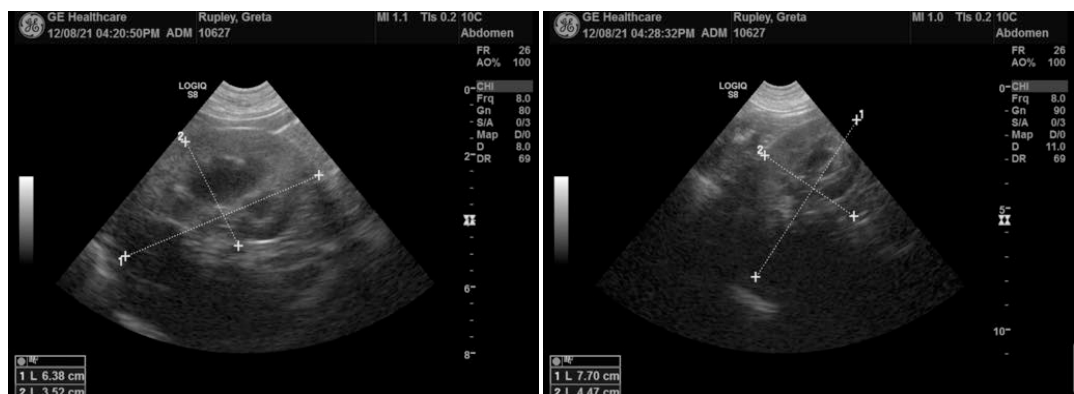
There was no evidence of significant disease. If adrenal disease is suspected full sedation and further imaging of the adrenal glands is recommended.

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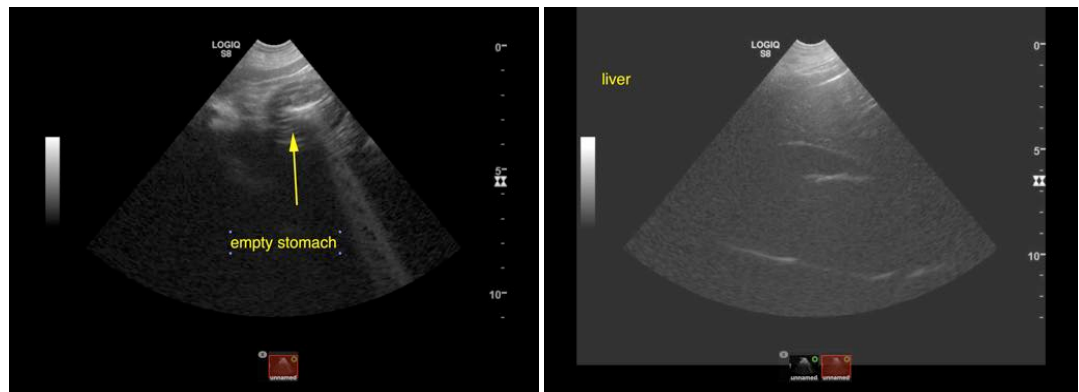
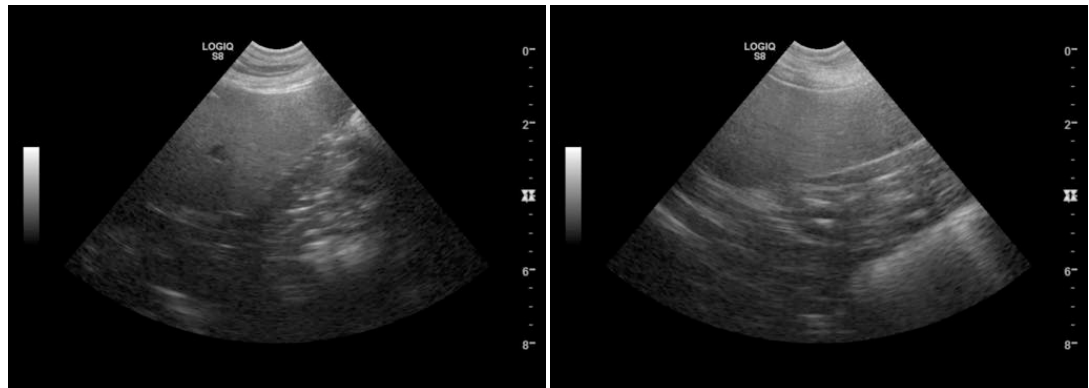
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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**  
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