



PATIENT PRESENTING CLINICAL SIGNS

Alexa Rupley This is Dr. Rupley's pet. PRESENTED FOR: Vomiting and diarrhea. alexa passed one bowel movement 4/8/22 - the first quarter of it was fully formed (2-3 consistency), the remaining three quarters of the bowel movement were watery and smelled like iron. HISTORY OF Previous splenectomy due to mass 5/24/2021. Mixed density mass that bulged the splenic capsule noted on senior abdominal ultrasound. Exploratory lap performed finding one large soft and two smaller firm masses. No other abnormal findings on exploratory. The larger mass had omentum adhered to it. Histopathology results: splenic hemangiomas with lymphoid nodular hyperplasia. Chronic uti's as a puppy, prior to adoption. Vulvoplasty performed when young. Still has occasional uti's. CURRENT MEDICATIONS: Heartworm prevention I was out of town when symptoms developed. Blood work was run (see below). A buprenorphine sustained release injection was administered and she has been on IV fluids, Cerenia, metronidazole, laser therapy, and gabapentin. I came back today 4/12/22. EXAM FINDINGS: Afebrile. Tacky and pale mucous membranes (4/9/22) . Pain on abdominal palpation today. LAB RESULTS: 4/9/22: 4/9/22: Chem with lytes: slightly elevated alk phos at 126 (20-150), other normal. CBC mild mature neutrophilia (14.5). The cPLi strong positive. Fecal float and direct-nps. Fecal gram's stain normal. She has continued to have liquid to soft feces until today (this morning normal bm).

SPECIES

Canine

BREED

Rottweiler mix

SEX

Spayed Female

AGE

11 years

WEIGHT

83.6 lbs

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.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 7.7 cm. The left kidney measured 6.85 cm.

IMAGING PERFORMED BY

Dr. Rupley

Adrenal Glands

HOSPITAL NAME

All Pets Medical Center

The left **adrenal gland** was 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 0.5 cm. The region of the right adrenal gland was unremarkable.

REFERRING VET

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Spleen

INVOICE

99204

The **spleen** was not visualized as it was previously removed. The region of the splenic fossa was unremarkable.

DATE

4/11/22

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



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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.

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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. Stasis was noted in the cecum. Variable abdominal lymph nodes were enlarged and measured up to 1.84 cm and 1.46 cm. The lymph nodes were rounded and hypoechoic. The iliac lymph nodes were enlarged, hypoechoic and irregular.

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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

Mesenteric and iliac lymphadenopathy.

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Minor cecal stasis.

Empty stomach, no evidence of foreign body.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The images were excessively dark, particularly in the cranial abdomen. Ultrasound-guided FNA of the accessible lymph nodes are recommended with cytology and culture for further definition. Non-specific GI insult is suspected, possible Typhlitis. Emerging round cell neoplasia, lymphadenitis +/- infectious agent should be considered. Screening for Addison's is warranted as the right adrenal gland was not overtly evident and only partially on the left.

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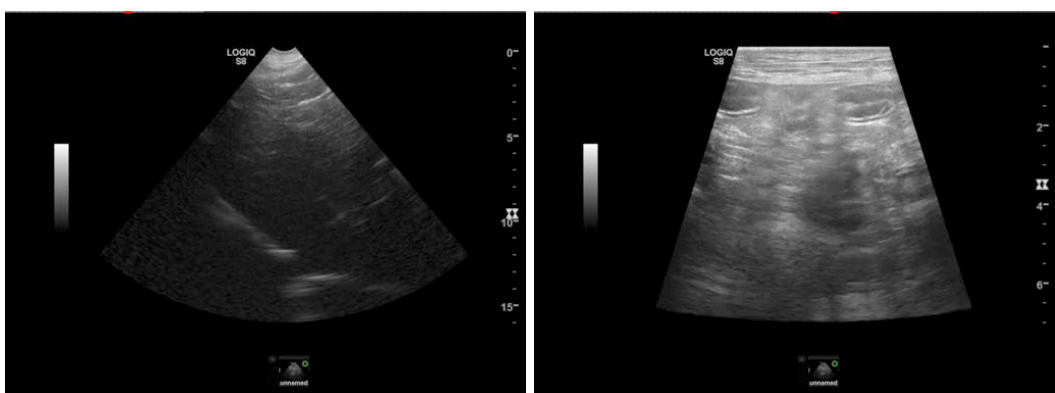
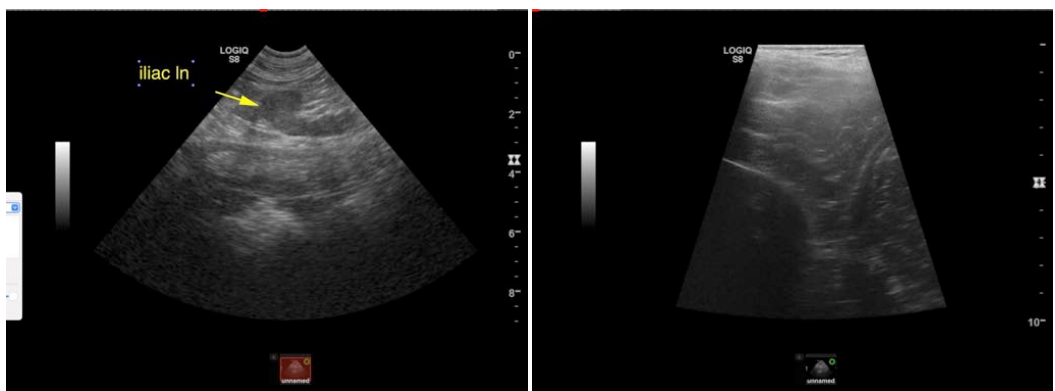
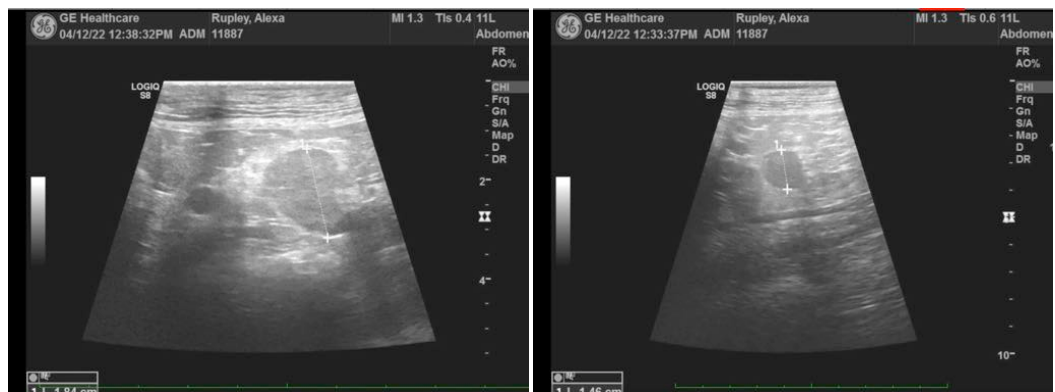
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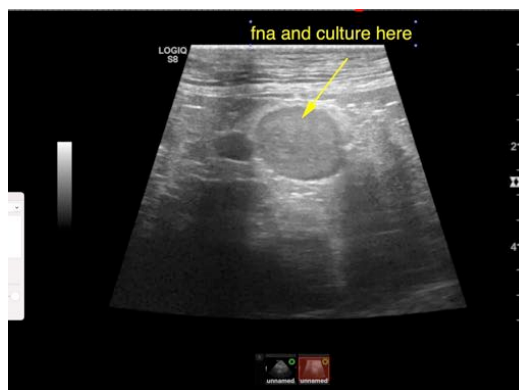
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

INTERPRETED BY

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