



PATIENT

Golda Runk

SPECIES

Canine

BREED

Golden Retriever

SEX

Intact female

AGE

6 months

WEIGHT

44 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Todd

HOSPITAL NAME

Lambs Gap AH

REFERRING VET

Dr. Nelson

INVOICE

91294

DATE

8/17/21

PRESENTING CLINICAL SIGNS

History: 5 month old female intact Golden Retriever with diarrhea since owner got her @8 weeks of age. Pet has also had several episodes of vomiting but diarrhea has been more consistent with only a few weeks of normal stool in last few months. Pet initially from puppy mill and was positive for Campylobacter at 1st appt (4/28/21) which was treated with Tylan and confirmed to have resolved via fecal cytology. Several fecal samples including giardia have been negative. Diarrhea does not respond to Provable, biome diet and only temporarily improves with Metronidazole. Patient is on biome diet and Provable chronically. GI Panel pending. CBC, chemistry on 6/6/21 at local ER was normal for age.

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 3.0 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 7.02 cm. The left kidney measured 6.93 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 2.22 x 0.39 cm at the cranial pole and 0.43 cm at the caudal pole. The right adrenal gland measured 1.2 x 0.6 cm at the cranial pole and 0.4 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** 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



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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. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. The mesenteric lymph nodes are reactive and measuring 2.0 x 0.5 cm.

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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.

AGE

6 months

ULTRASONOGRAPHIC FINDINGS

Structurally normal abdomen.

WEIGHT

Reactive mesenteric lymph nodes.

44 lbs

INTERPRETED BY

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Eric Lindquist, DMV
DABVP, Cert. IVUSS

There is no evidence of visceral disease. Dietary intolerance, occult parasitism, congenital Addison's should all be considered even though the adrenal glands appear structurally normal. Baseline cortisol may be appropriate.

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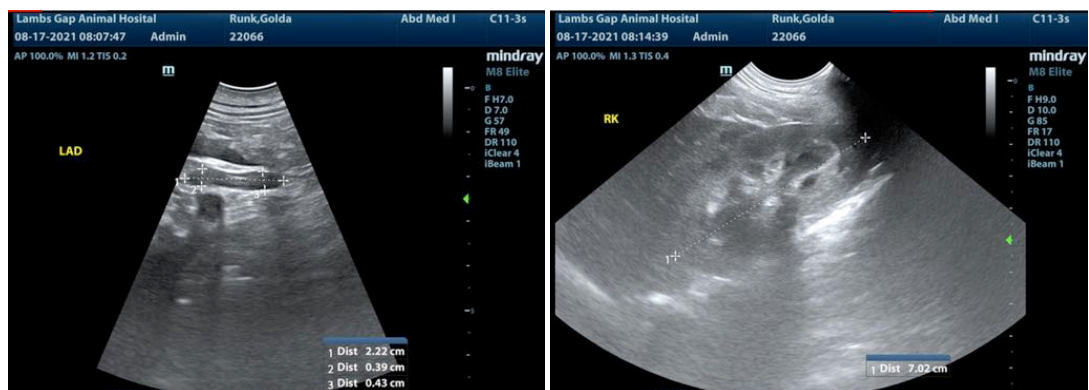
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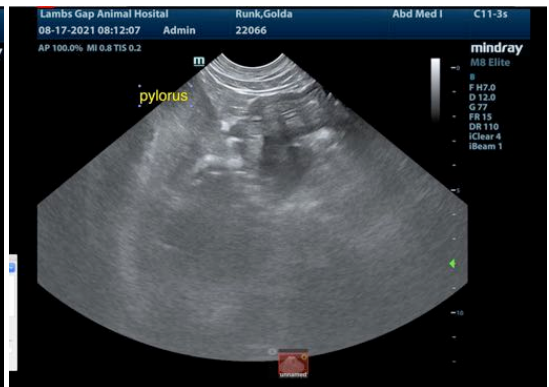
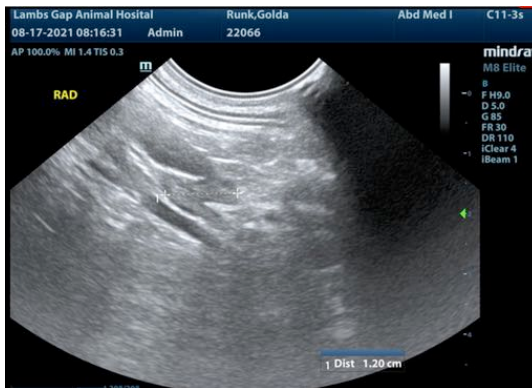
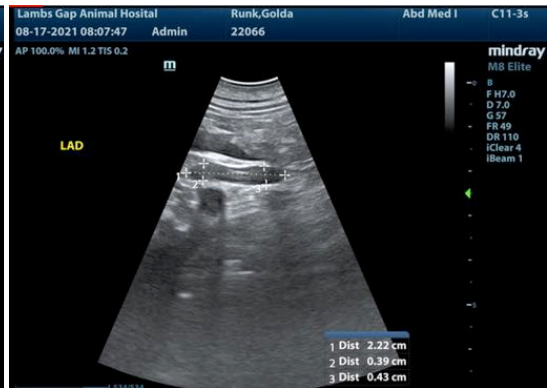
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veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

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