



PATIENT

Diesel Yantosik

SPECIES

Canine

BREED

Golden Retriever

SEX

Neutered Male

AGE

7 Years

WEIGHT

38.8 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores VEC

REFERRING VET

Dr. Law

INVOICE

17680

DATE

10/14/22

PRESENTING CLINICAL SIGNS

History: Presented at our hospital for an ultrasound. Pet vomited food on Saturday and then wasn't interested in eating dry food since (would nibble treats). Saw RDVM Wednesday, concern the spleen was enlarged and some abnormality on bloodwork. Patient ate yesterday after starting the steroids but appetite still not back to normal. Previous Health Concerns: allergies / sensitive stomach (licks a lot) Current Medications: steroids started yesterday (Prednisone?) Appetite/When did they eat last: not eating well since Saturday

Abnormal PE/Chem/CBC/UA Results: Rdvm bloodwork: GLU 61; WBC 15.7; NRBC 6; PLT 72; NEU 13345; MONO 1099 Rdvm rads: enlarged spleen

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

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 7.92 cm. The right kidney measured 8.7 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 0.5 cm. The right adrenal gland measured 0.8 cm.

Spleen

The **spleen** was uniformly enlarged with relatively uniform parenchyma without evidence of masses. The capsule was mildly swollen. This is most consistent with hypersplenism and reactive hyperplasia deriving from splenic white or red pulp. However, early infiltrative disease, such as lymphoma or mast cell neoplasia can, at times, present in this manner but not suspected. 25g US-guided FNA would be best in order to ensure only reactive hyperplasia is present. If clinical signs fit with potential neoplasia or mast cell disease, then Benadryl injection (1 mg/pound IM) 15 minutes prior to FNA would be recommended. This is a minor change. Cranial and caudal folding of the spleen was noted.

Liver

The **liver** presented heterogenous parenchyma with increased portal markings and coarse architecture. Slight undulating capsular contour was noted. The gallbladder and common bile duct were unremarkable. This is consistent with mild chronic inflammatory hepatopathy.

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. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

SPECIES

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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.

BREED

Golden Retriever

ULTRASONOGRAPHIC FINDINGS

SEX

Neutered Male

- Subjectively benign hypersplenism
- Vacuolar hepatopathy with a history of inflammatory component
- Structurally unremarkable abdomen otherwise

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

7 Years

If weight loss or liver enzyme elevations are an issue, then FNA of the spleen and liver is recommended. Steroid treatment may be suppressing a more significant presentation, as steroid suppression of organ presentations is nearly immediate.

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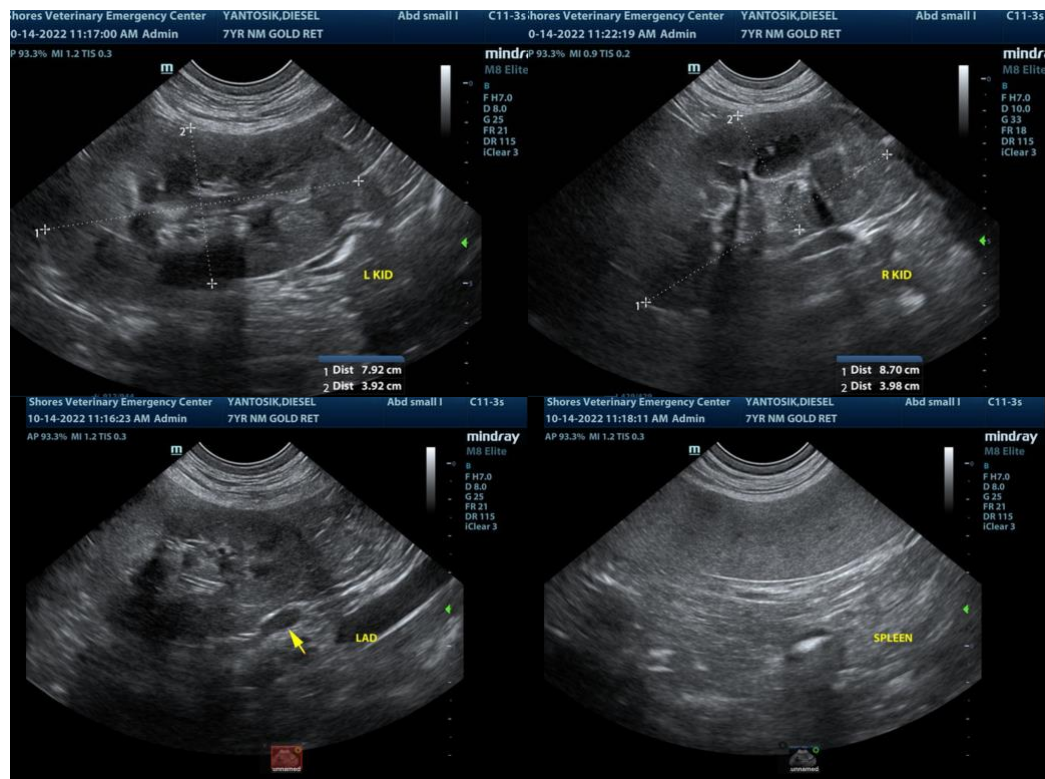
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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