



PATIENT PRESENTING CLINICAL SIGNS

Lexi Szucs History: Recurrent hematuria after amoxicillin discontinued.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: N/A.

Golden retriever Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

FS **Urinary System**

Age Full urinary bladder with a normal thickness and appearance of the wall. Small amount of floating hyperechogenic sediment present. No uroliths evident.

13 years Normal trigone area, proximal urethra (0.3 cm), and iliac blood vessels.

WEIGHT Iliac lymphadenomegaly (2.6 cm) with normal shape and echogenic appearance. Ureters not visualized.

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INTERPRETED BY Normal renal size (left 6.8 cm, right 7.3 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

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ECVIM

Reproductive System

N/A.

IMAGING PERFORMED BY Adrenal Glands

Sonya Myers, DVM Left – normal position, echogenic appearance and shape but plump (0.72/0.69 cm)

HOSPITAL NAME Right – normal position with increased echogenic appearance, irregular shape and enlarged (1.4x 3.9 cm). Hyperechogenic appearance of the surrounding tissue.

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Spleen

REFERRING VET Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No inflammatory, neoplastic, infarction, or infiltrative changes evident. Incidental myelolipomas.

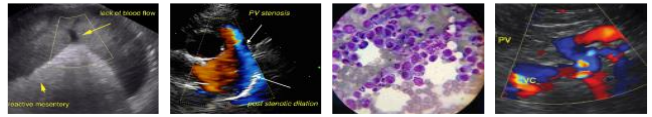
Aric Krogstad

INVOICE Liver

304194 Normal size with a diffuse mottled echogenic appearance, some loss of portal markings, and regular curvilinear capsule. No nodules or masses evident

DATE Gall bladder

5/5/23 Fill bladder containing small amount of adhered hyperechogenic sediment. Normal thickness and echogenic appearance of the wall. Mild dilated appearance of the cystitic duct. Normal common bile duct (0.3 cm).


PATIENT *Gastrointestinal*

Lexi Szucs Normal appearance of the stomach, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.37 cm, colon 0.18 cm) and peristalsis, and no distension of the lumen.

SPECIES Thickening of duodenum (0.57 cm) and small intestine (0.53 cm) with no loss of layering or distension of the lumen.

Canine

Pancreas
BREED

Golden retriever

Normal size (right 1.2 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen
SEX

FS

Mesenteric lymphadenomegaly (0.5 x 2.6 cm) with normal shape and echogenic appearance. No ascites evident.

Age

13 years

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Hepatopathy.
- Bilateral adrenomegaly.
- Enteropathy.
- Lymphadenomegaly.

WEIGHT

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Secondary Findings:

- Gall and urinary bladder sediment.

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IMAGING PERFORMED BY

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HOSPITAL NAME

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the hepatopathy would be reactive, hyperplasia, chronic hepatitis, early cirrhosis, and infiltrative neoplasia.

Etiologies for the adrenomegaly would be disease stress and pituitary-dependent Cushing's disease. With the appearance of the right adrenal gland, nodular hyperplasia and emerging neoplasia needs to be considered.

Etiologies for the enteropathy would be non-specific enteritis (dietary indiscretion, toxins, viral), parasitic enteritis, inflammatory bowel disease, dietary hypersensitivity, and granulomatous enteritis, with emerging lymphoma a less likely differential diagnosis.

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Etiologies for the lymph nodes would be reactive secondary to the GI tract with lymphadenitis and infiltrative neoplasia, less likely differential diagnoses.

DATE

5/5/23

Further assessment would be urine and fecal analyses, CBC, serum biochemistry, FNA cytology of the liver and possibly the lymph nodes, adrenal function testing (ACTH stimulation/LDDS test), possibly endoscopy of the upper GI tract with biopsies.

Specific therapy would be dependent on an etiological diagnosis.



PATIENT

Lexi Szucs

SPECIES

Canine

BREED

Golden retriever

SEX

FS

Age

13 years

WEIGHT

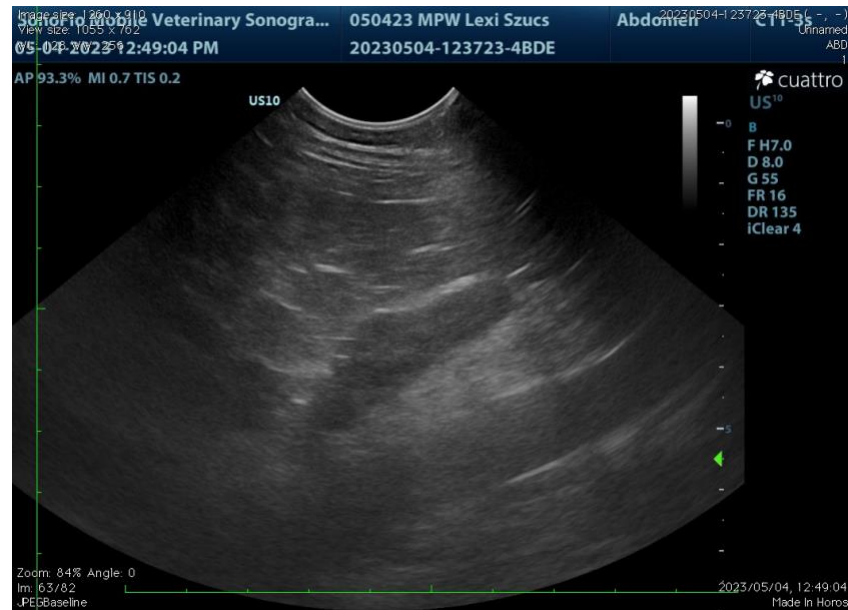
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IMAGES

Liver



Right adrenal



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PATIENT Duodenum

Lexi Szucs

SPECIES

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BREED

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FS

Age

13 years

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Gall bladder

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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.

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