



PATIENT

Baloo Frye

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

6 Years

WEIGHT

5.0 kg

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores VEC

REFERRING VET

Dr. Lupole

INVOICE

41523

DATE

9/22/22

PRESENTING CLINICAL SIGNS

Presented at our hospital for lethargic, not eating, cold, eyes dilated. O reports that she was away this weekend and pet seemed fine when she got back on Monday, O was gone most of the day on Tuesday and was not sure how he was then. Yesterday was very lethargic and laying around, would not eat treats. Today O reports that he is hiding and cold and his eyes are dilated and cannot/unwilling to get up. Previous Health Concerns: None Current Medications: None

Abnormal PE/Chem/CBC/UA Results: Cardiovascular: bradycardia, no murmur heard; est 8-10% dehydration; reduced pulse quality/thready but palpable femoral pulses Respiratory: slight increased effort, harsh BV sounds in all quadrants Abdominal: no obvious mass, tense on mid abdominal palpation Neurological: very quiet but responsive; unwilling to stand Radiographs: normal heart shape/size, clear lung fields, hepatomegaly, no obvious plication of small intestines or foreign material, moderate to large amount of normal sized radio-dense stool in colon Chemistry: BUN 103.5 H, Creat 2.6 H, Glucose 468 H, Total cholesterol 314 H, ALT 321 H, GGT 15 H, Total bilirubin 6.1 H CBC: WBC 25.73 H, PMN 24.87 H, Lymph 0.34 L, stress leukogram, MCHC 38.2 H EPOC: pH 7.011 L, Na 135 L, K+ 3.2 L, Cl 110 L, Ca 1.04 L, BUN 92 H, Creat 2.81 H, Glucose 454 H ProBNP: normal Urinalysis: USG 1.025

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** presented normal size and contour with slight increased cortical echogenicity. Corticomedullary definition maintained. No evidence of pyelectasia. Minor degenerative changes. The left kidney measured 4.4 cm. The right kidney measured 4.6 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 adrenal glands measured 0.40 cm in width each.

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 were noted.

Liver

The **liver** was diffusely hyperechoic to falciform fat with attenuating sound beam. The gallbladder and common bile duct were unremarkable. No evidence of masses. This presentation is most consistent with hepatic lipidosis, potential for underlying hepatic lymphoma.

Gastrointestinal

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



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demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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

- Hepatic lipidosis pattern
- Mild degenerative renal changes

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Coagulation panel and 25-gauge FNA of the liver indicated to confirm. Supportive care should prove effective. 72-hour IV fluid protocol warranted to correct azotemia. Prognosis is guarded.

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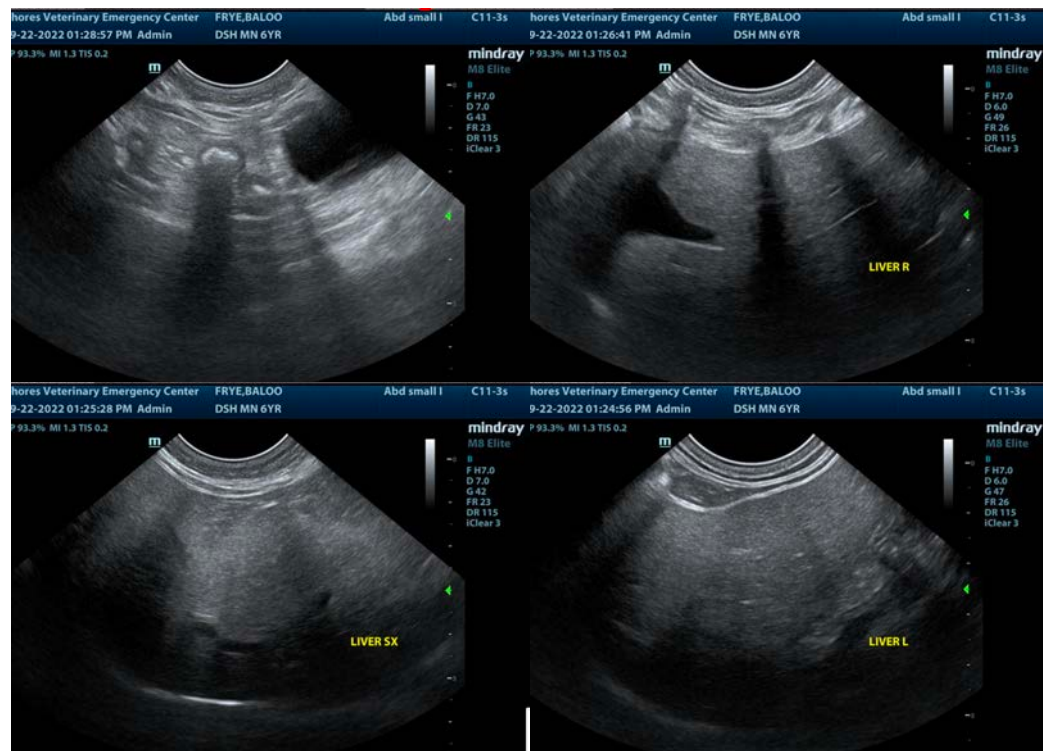
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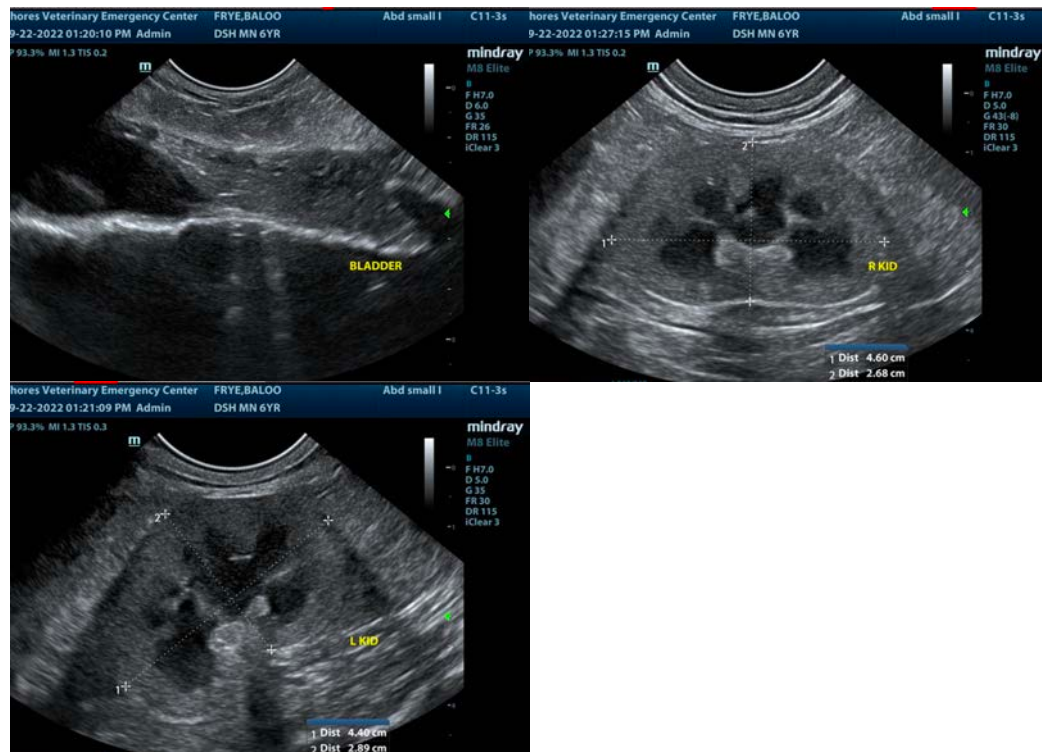
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

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