



PATIENT

Skylar Harris

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed female

AGE

16 years

WEIGHT

11.9 lbs

PRESENTING CLINICAL SIGNS

History: pet presented 10/25 for soft stools o/s of litterbox, intermittent decreased appetite, and occ vomiting past month. Pet is down 0.8lb since 10/25.

Abnormal PE/Chem/CBC/UA Results: Creatinine: 0.6L, Chloride: 109L, ALP: 206H, Total Bilirubin: 0.5H, Bilirubin Unconjugated: 0.3H Free T4(ng/dL) 2.7H, Free T4 (pmol/L): 34.7H WBC: 19.4H, Reticulocyte: 65H, Monocyte: 776H, Eosinophil:5044H UA WBC: 6-10, RBC: 20-30

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 was noted. Ureteral papillae were normal.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 4.43 cm and the right kidney measured 5.54 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Striano Kaplan

HOSPITAL NAME

Ramsey VH

REFERRING VET

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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.

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** was diffusely hyperechoic to the falciform fat. The hepatic parenchyma was uniform. The gallbladder and common bile duct were unremarkable.



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Gastrointestinal

The upper **gastrointestinal tract** was unremarkable, yet the distal small intestine revealed minor, muscularis hypertrophy. The mesenteric lymph nodes measured up to 1.5 cm with reactive surrounding mesentery. This is consistent with lymphadenitis or potential lymphoma.

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Pancreas

The **pancreas** was slightly irregular in the left limb with enhanced, surrounding mesentery and measured up to 1.0 cm in width.

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ULTRASONOGRAPHIC FINDINGS

Hepatic lipidosis pattern with mesenteric lymphadenopathy.

Minor intestinal thickening.

AGE

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Age related renal changes.

WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Lymphadenitis versus lymphoma. FNA of the mesenteric lymph nodes and liver are warranted after coagulation panel. Cytology and culture of the lymph nodes are indicated as well as cytology of the liver. There is a potential for UTI given the pyuria. Urine culture is indicated. Prognosis is guarded depending on cytology results.

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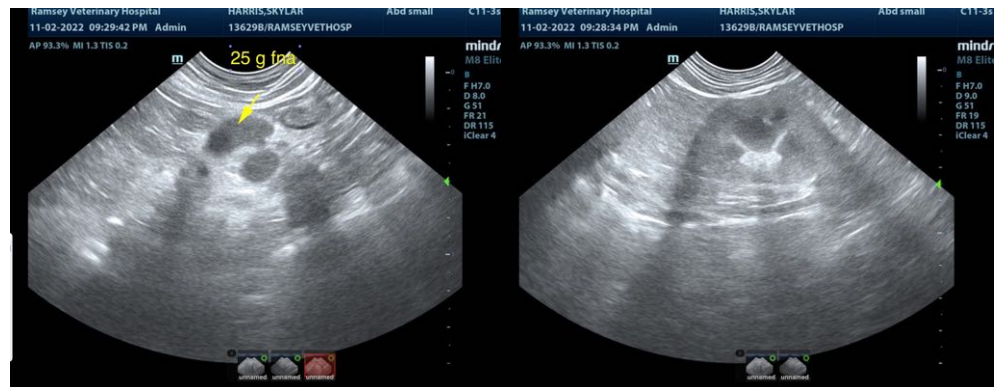
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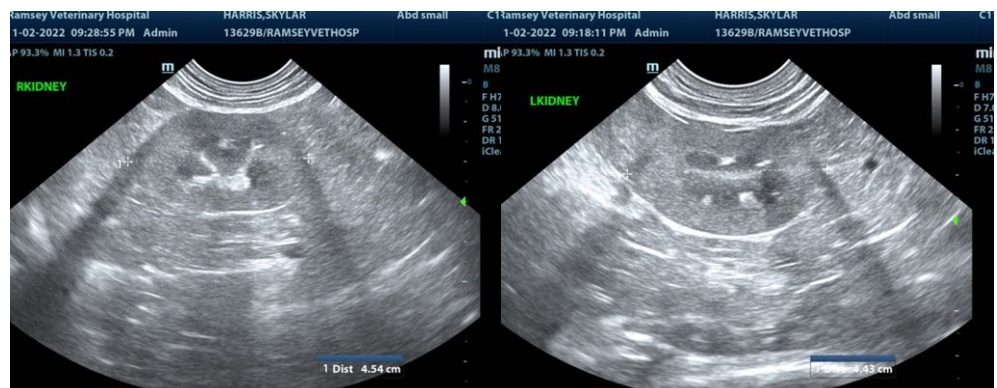
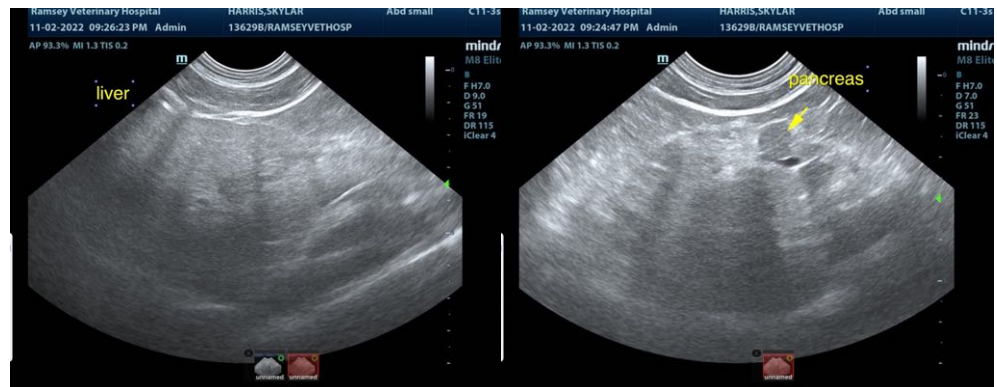
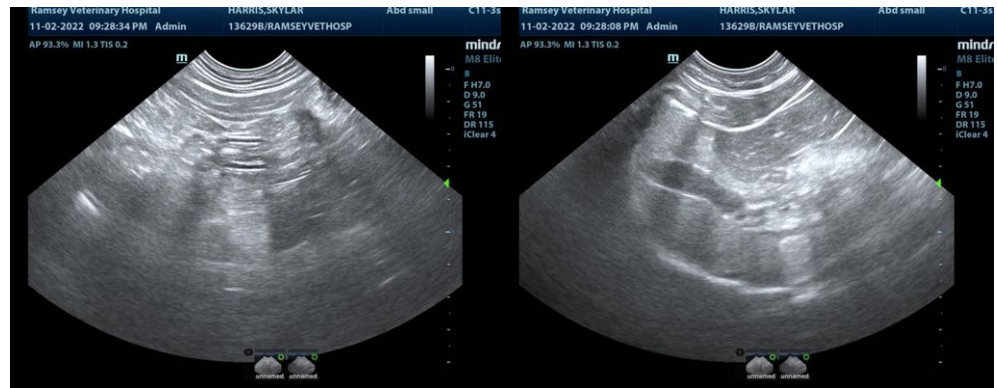
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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