



PATIENT

Maxx Campion

SPECIES

Canine

BREED

Labrador Retriever

SEX

Neutered Male

AGE

11 Years

WEIGHT

83.6 pounds

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP (Canine
/ Feline Practice)

IMAGING PERFORMED BY

Dr. Megan Bray

HOSPITAL NAME

Taylorville Veterinary
Clinic

REFERRING VET

Dr. Elizabeth Steifvater

INVOICE

13409

DATE

01/27/26

PRESENTING CLINICAL SIGNS

- Maxx presented on 1/20/26 for well pet exam and vaccines, but owner reported approx one week history of decrease appetite and diarrhea. No vomiting noted. PE revealed stiff joints and dental disease, and some SQ masses.
- Lab work showed hypoproteinemia (TP=4.2, albumin=2.2, globulin 2.0) and significant elevation of all liver values (ALT=1061, AST=258, ALP=684, Tbili=0.9). There was 3+ bilirubin in the urine.
- Notes From owner on 1-26-26:
- He's just become more lethargic and lazy. All I can get him to eat is boiled and shredded chicken. But he does eat that quickly. Otherwise, it almost seems like he has trouble controlling his tongue. He definitely tries to drink... but it doesn't seem he's getting much from it to me. He is peeing, but it's very yellow. He is pooping, but it's pretty loose and wet now (could be the food change). Abdomen seems swollen over past 2 days.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Primarily anechoic urine was present in the lumen. Echogenic to particulate moderate nondependent sediment was present with mild dependent lumen hyperechoic nonshadowing sand. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic mural changes were noted.

The area of the residual prostate appeared normal and free of pathology.

The area of the aortic trifurcation was free of pathology.

Normal size and margination was present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 7.4 cm in length. The right kidney measured 7.4 cm in length.

Adrenal Glands

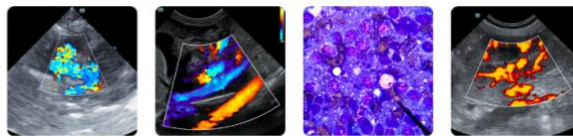
The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.72 cm width at the caudal pole.

The right adrenal gland was not definitively visualized.

Spleen

The spleen presented generalized enlargement with nonuniform parenchyma echogenicity and coarse echotexture. The capsule contour was rounded and asymmetrical or scalloped. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Intermittent mildly expansive to irregular nonhomogenous hypoechoic splenic macronodules to small masses were present with an example measuring 3.0 cm in diameter.

Liver & Gallbladder



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The liver revealed generalized hepatomegaly. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a mild/ moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion.

The gallbladder was non distended in size with mild congealed biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

The intestinal walls demonstrated intact wall layering and maintained 1:3 muscularis / mucosa ratio. The mucosa exhibited subjective mild hypoechoic mucosa layer. A segmental to diffuse ileus pattern consisting of mild fluid accumulation in the intestinal lumen was present without obstruction or foreign material.

Normal visible colon wall layers were present with semi formed to soft fecal matter in lumen.

Pancreas

The area of the pancreas was sonographically normal.

Free Abdomen

No visualized significant omental lymphadenopathy or significant peritoneal effusion was present. Generalized mild increased omental echogenicity.

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- Asymmetrically enlarged nonhomogenous spleen with splenic macronodules/small masses.
- Enlarged nonhomogenous non-congested liver.
- Nonspecific gastroenteropathy exhibiting intact gastrointestinal wall layering.

Secondary Findings

- Age-related renal changes.
- Mild nonorganized gallbladder debris (non-mucocele).
- Semi formed/soft fecal matter in colon.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although sampling is required for further clarification, the spleen meets neoplastic criteria, i.e. sarcoma, round cell neoplasia, or other. The liver and gastrointestinal tract are more nonspecific with considerations including hepatic vacuolar changes, hepatogastrointestinal inflammatory/infectious disease, non-obstructive cholestasis, protein losing enteropathy, or other with concern for multi-centric hepatosplenic and potential early gastrointestinal neoplasia is warranted. Assuming normal clotting status and using a 25-gauge needle, hepatosplenic FNA cytology +/- a GI panel to include PLI, TLI, cobalamin and folate is suggested for further clarification.



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No evidence of posthepatic or gastrointestinal obstruction.

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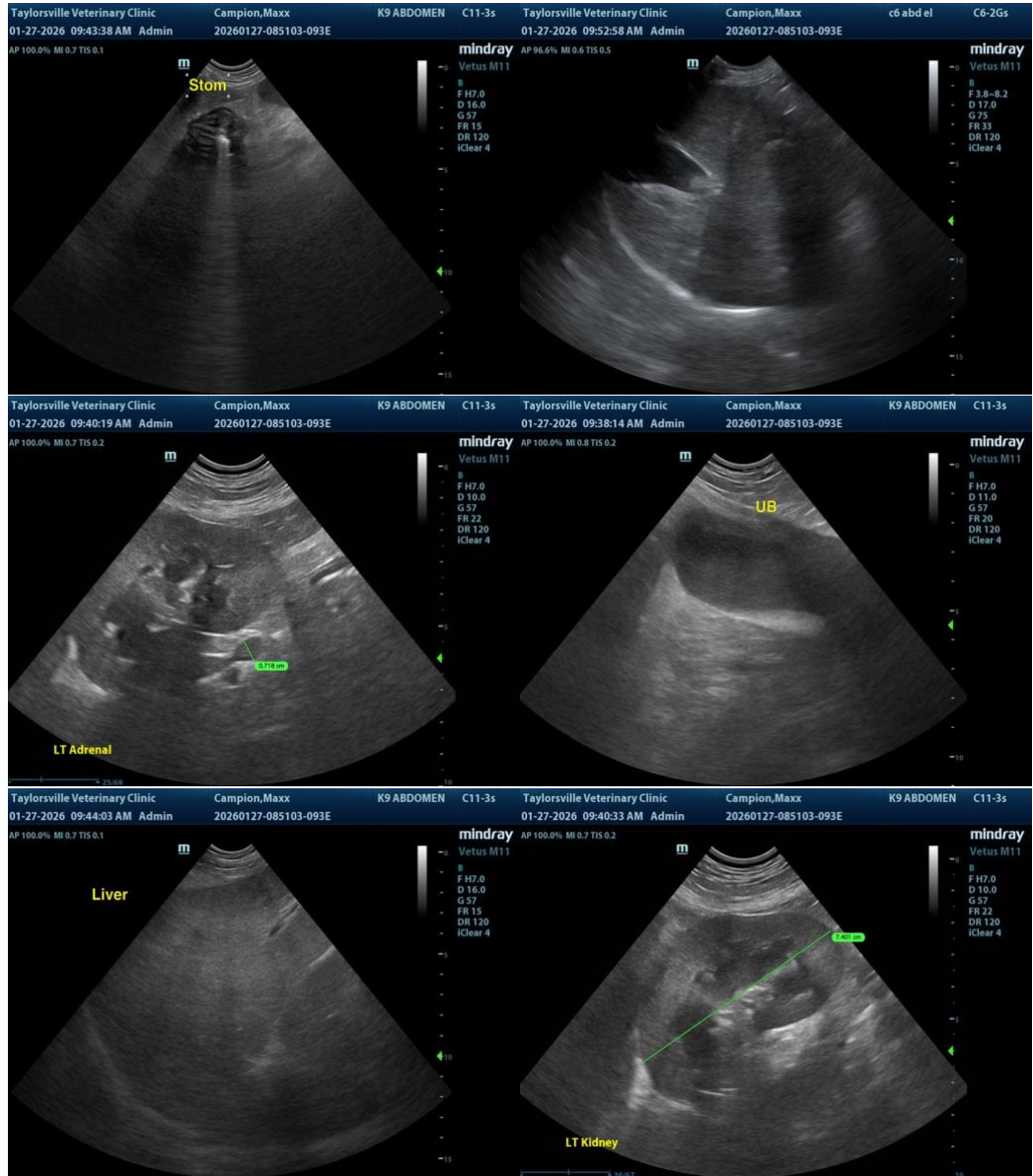
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

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