

PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Stoli White
Decreased appetite and a little lethargic. Takes longer than normal to defecate. Starts out formed, then gets soft. Dog is obese. Vitals are good, abd. slightly tympanic.

SPECIES
Canine
Abnormal PE/Chem/CBC/UA Results: Xray R lat abd (and heart), D/V abd. Pronounced fat deposits, SQ, falciform ligament, retroperitoneal, and intraabdominal. Loss of detail in places, unable to see full liver silhouette.

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Basenji Urinary System

SEX
MI
The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

AGE
7yr
Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 5.5 cm in length. The right kidney measured 6.2 cm in length.

WEIGHT
37lb
The area of the aortic trifurcation was free of pathology.

The area of the iliac trifurcation was free of pathology including no evidence of medial, iliac or sublumbar lymphadenopathy.

INTERPRETED BY
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)
The prostate was enlarged in size with intact, symmetrical capsule contour. The margins of the gland were intact and able to be differentiated from the surrounding tissue. The prostatic parenchyma was mildly echogenic to heteroechoic without parenchymal mineralization. The prostate measured 3.2 cm in diameter.

Adrenal Glands

The left and right adrenal glands were not definitively visualized owing to peritoneal effusion. No obvious pathology was present in the area of the bilateral adrenal glands.

IMAGING PERFORMED BY

Amanda Crook

Spleen

HOSPITAL NAME

Rivers Edge Pet Medical Center

The spleen exhibited overall normal size with intermittent discrete hypoechoic nodules, an example measuring 2.2 cm in diameter. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.

REFERRING VET

Dr. Archer

Liver

The liver was enlarged in size with mild asymmetrical capsule contour and generalized non-homogeneous parenchyma. Multifocal variably sized to expansive hypoechoic nodules/small masses were present, an example measuring 3.5 cm in diameter.

INVOICE

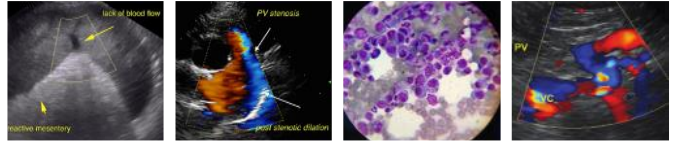
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The gallbladder was non-distended in size with mildly prominent to echogenic walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

DATE

10/31/2022

Gastrointestinal



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The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild non-shadowing ingesta/chyme with no signs of ileus, obstruction or foreign material.

SPECIES

Canine

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

Pancreas

BREED

Basenji

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

SEX

MI

Free Abdomen

Moderate to significant volume peritoneal effusion exhibiting mild echogenic changes suggestive of fluid cellularity was present.

AGE

7yr

Generalized mildly hyperechoic non-uniform omentum was present.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

37lb

- Hepatomegaly exhibiting variably sized to expansive hypoechoic nodules to small masses
- Intermittent mildly expansive discrete splenic nodules
- Moderate to significant volume peritoneal effusion exhibiting echogenic changes
- Non-distended gallbladder exhibiting potential minor wall edema
- Overtly normal GI tract with minor gastric ingesta

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(Canine and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Hepatosplenic neoplasia is highly probable with potential for peritoneal effusion secondary to portal hypertension or diffuse intra-abdominal neoplastic process. Assuming normal clotting status and using a 25g needle, a hepatosplenic FNA for screening cytology is warranted for further assessment. Pathology review of peritoneal effusion, cytospin cytology +/- C/S if clinically indicated is warranted with potential for oncology consult.

IMAGING PERFORMED BY

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An unfavorable prognosis is likely indicated given this presentation.

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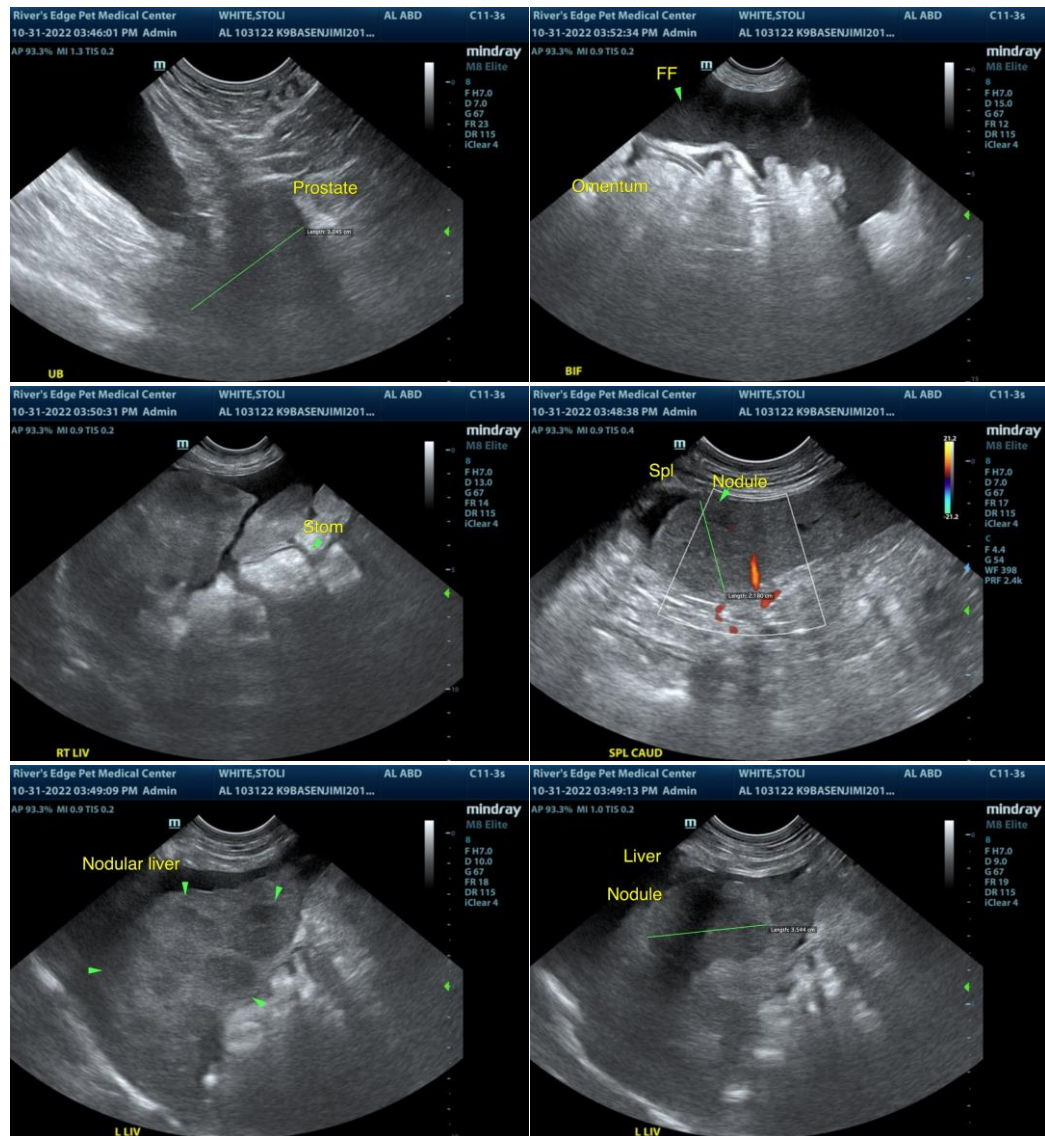
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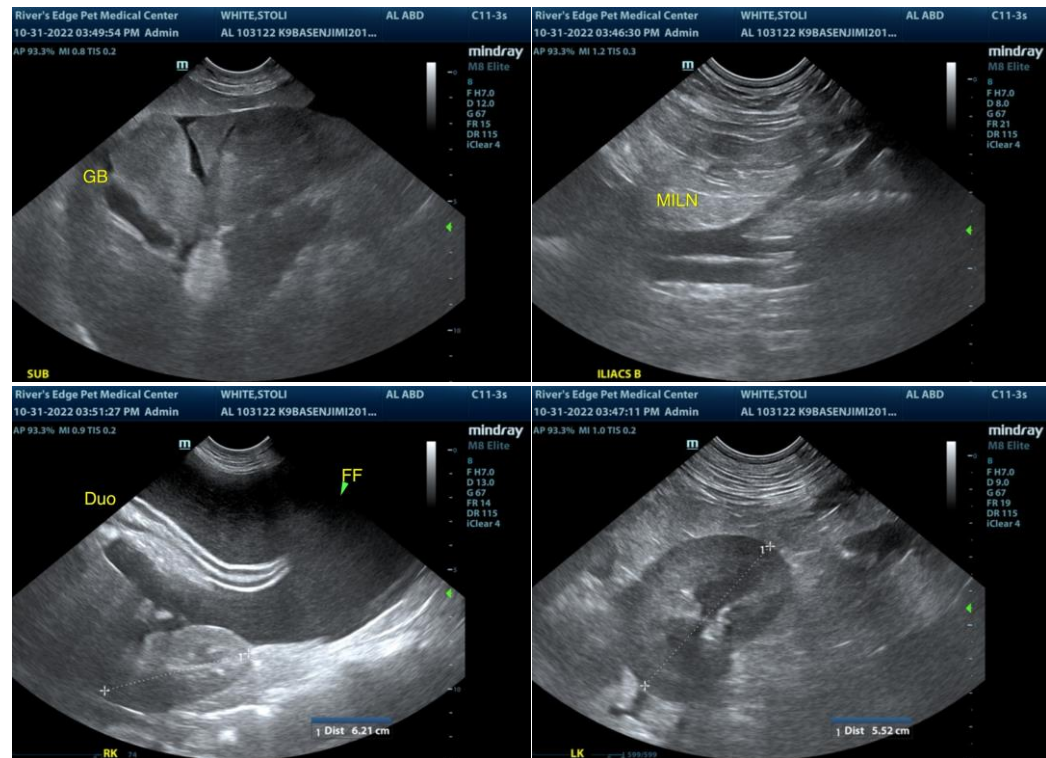
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

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