



**PATIENT**

Scooby Ost

**SPECIES**

Canine

**BREED**

Potcake-type Mix

**SEX**

Neutered Male

**AGE**

10 Years

**WEIGHT**

75 Pounds

**INTERPRETED BY**

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

**IMAGING  
PERFORMED BY**

Alex Emerson, DVM

**HOSPITAL NAME**

Animal Clinic of  
Casselberry

**REFERRING VET**

Alex Emerson, DVM

**INVOICE**

20923

**DATE**

2/2/23

**PRESENTING CLINICAL SIGNS**

History: Lethargic, inappetent for several days

Abnormal PE/Chem/CBC/UA Results: HCT 34, nRBC-3, PLT 47 SDMA 16.5 BUN and Creat normal, ALP 196, ALT, AST, Tbili normal Flex4 Rickettsial/ HW screen normal Fecal float normal TXR normal PT/aPTT normal FNA cytology of spleen pending

**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. 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.

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 were 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 6.0 cm in length. The right kidney measured 6.0 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 0.65 cm width at the caudal pole and 0.65 cm width at the cranial pole.

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.50 cm width at the caudal pole and 1.0 cm width at the cranial pole.

**Spleen**

The spleen was generalized to variably enlarged with rounded to mildly asymmetrical lateral and medial capsule contour. Generalized finely textured homogenous parenchyma was noted with potential for mild decreased splenic parenchyma echogenicity. A solitary discrete nondisruptive hypoechoic nodule was noted in the spleen, measuring 1.3 cm in diameter. The nodule did not distort the splenic capsule.

**Liver**

The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion.

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

**Gastrointestinal**



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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.

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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**

Potcake-type Mix

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**

Neutered Male

***Free Abdomen***

No omental masses, lymphadenopathy or peritoneal effusion was present.

**AGE**

10 Years

**ULTRASONOGRAPHIC FINDINGS**

- Mild age-related kidneys
- Splenomegaly with nonspecific discrete hypoechoic nodule
- Hepatomegaly, sonographically unremarkable gallbladder
- Sonographically unremarkable gastrointestinal tract/pancreas

**WEIGHT**

75 Pounds

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The hepatosplenomegaly and discrete splenic nodule were nonspecific with potential considerations including hepatic vacuolar hepatopathy, inflammatory/immune mediated disease, hyperplasia, hematopoiesis, splenitis, infiltrative splenic or hepatosplenic neoplasia are all possible. Correlation with screening hepatic cytology, assuming normal clotting status, pending splenic cytology assessment, is warranted. Empirically, as needed gastrointestinal support is recommended. Three view chest radiographs are recommended to assess for or rule out occult thoracic pathology as a contributing factor.

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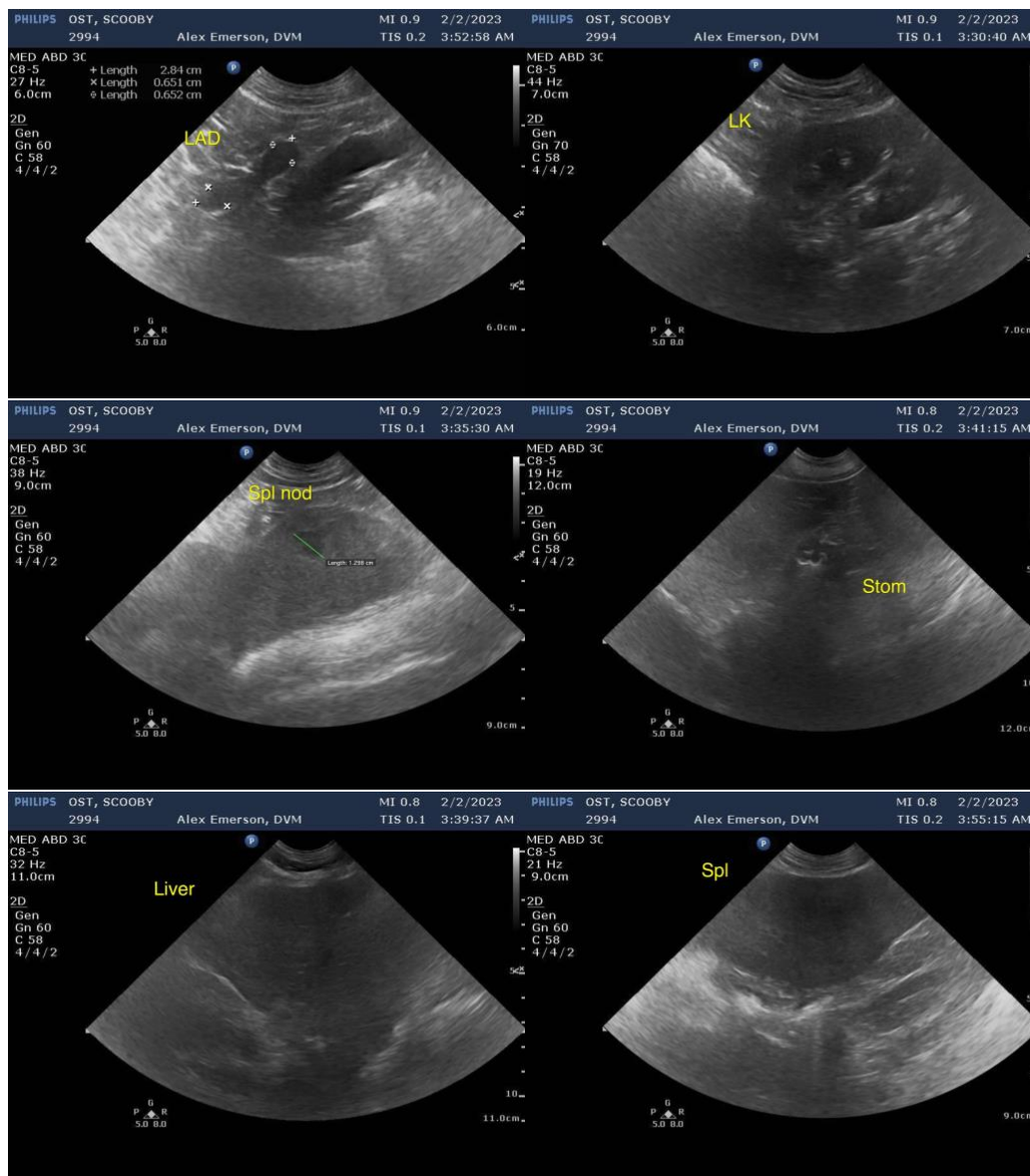
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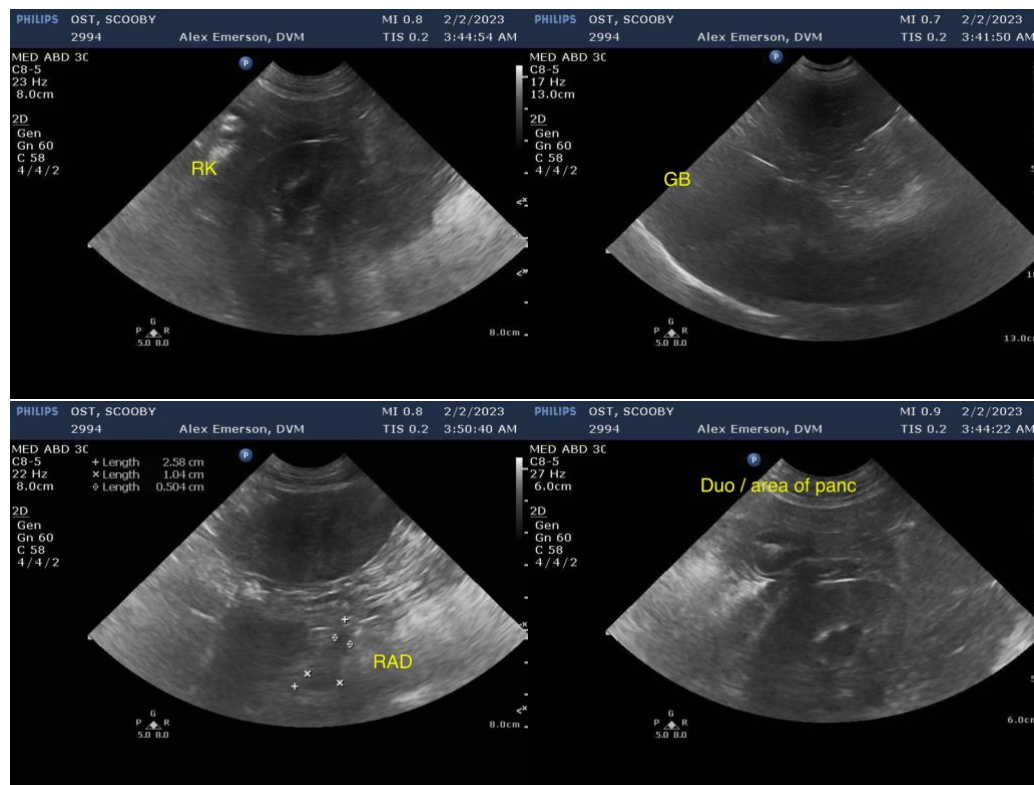
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)**  
info@SonoPath.com