



**PATIENT**

Crosby DeMezzo

**SPECIES**

Canine

**BREED**

Lab

**SEX**

Neutered Male

**AGE**

7 Years

**WEIGHT**

Not Given

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Shari Reffi, CVT

**HOSPITAL NAME**

All Creatures Great and  
Small, Denville

**REFERRING VET**

Dr. Mitrovic

**INVOICE**

13055

**DATE**

12/14/21

**PRESENTING CLINICAL SIGNS**

History: Weak, pale mm, anemic. R/O Cranial abdominal mass vs other  
Abnormal PE/Chem/CBC/UA Results: Hgb 10.8, Hct 34, wbc 17.7, Plt 65, few sm plts observed, macrothrombocytopenia, Neuts 16107

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of – 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.

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 6.6 cm in length. The right kidney measured 7.3 cm in length. A solitary expansive nonhomogeneous cortical nodule was noted in the caudolateral right kidney, measuring 1.6 cm in diameter.

**Adrenal Glands**

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.4 cm in length x 0.43 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 2.6 cm length x 0.80 width at the caudal pole.

**Spleen**

The spleen exhibited overall normal subjective size yet generalized mild splenic parenchyma heterogeneity along with intermittent expansive mildly nonhomogeneous nodular mass lesions. An example of a splenic nodular mass lesion measured 2.5 cm in diameter.

**Liver**

The liver exhibited generalized enlargement with nonhomogeneous parenchyma. Multiple variably sized nonhomogeneous to cavitated intraparenchymal masses noted in the left mid and right liver. An example of a liver mass measured 5.3 cm in diameter.

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

**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 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**



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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.

**SPECIES**

Canine

**Free Abdomen**

Generalized mildly nonuniform mesentery along with moderate peritoneal free fluid present.

**BREED**

Lab

**Free Abdomen**

No overt lymphadenopathy or peritoneal effusion was present.

**SEX**

Neutered Male

- Multiple nonhomogeneous to cavitated liver masses
- Concurrent mildly expansive to nonhomogeneous splenic nodular mass lesions
- Peritoneal free fluid with generalized nonhomogeneous mesentery- consistent with hemoabdomen
- Nonspecific yet highly suspicious right kidney nodule

**AGE**

7 Years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**WEIGHT**

Not Given

Unfortunately, the sonographic abnormalities present in this case are most consistent with multicentric hepatosplenic neoplasia with primary concern for multicentric sarcoma. Strong concern for the possibility of omental seeding with confirmed hemoabdomen along with focal right kidney metastasis. Given these findings, surgical options are precluded. Unfortunately, an unfavorable prognosis is indicated.

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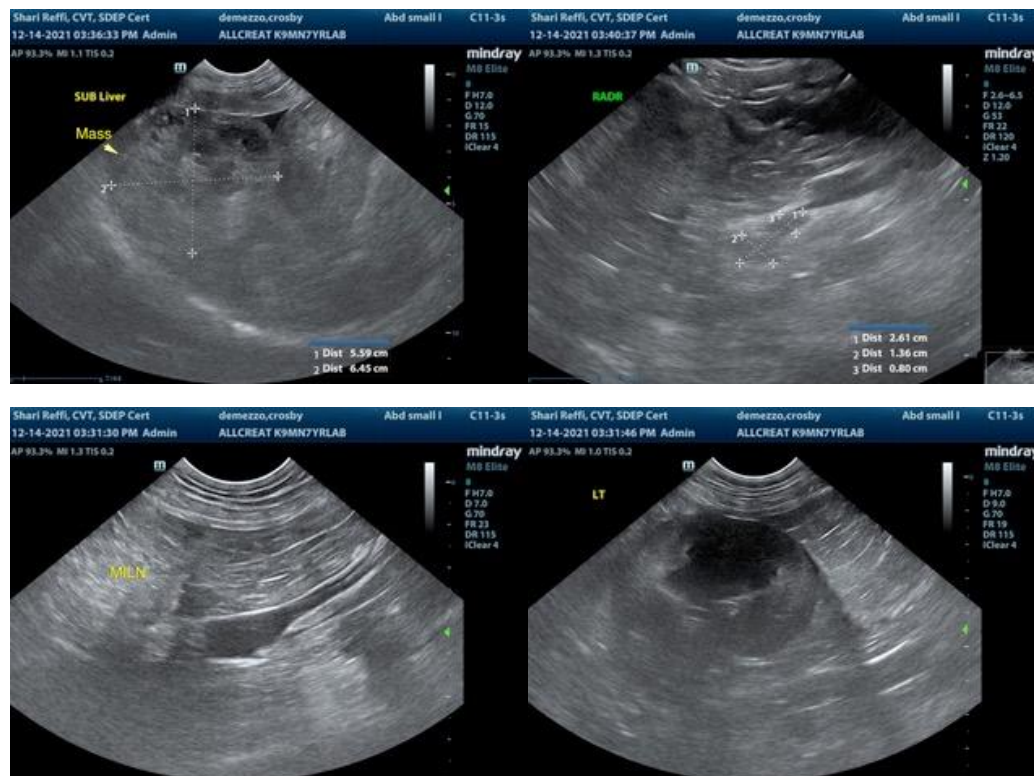
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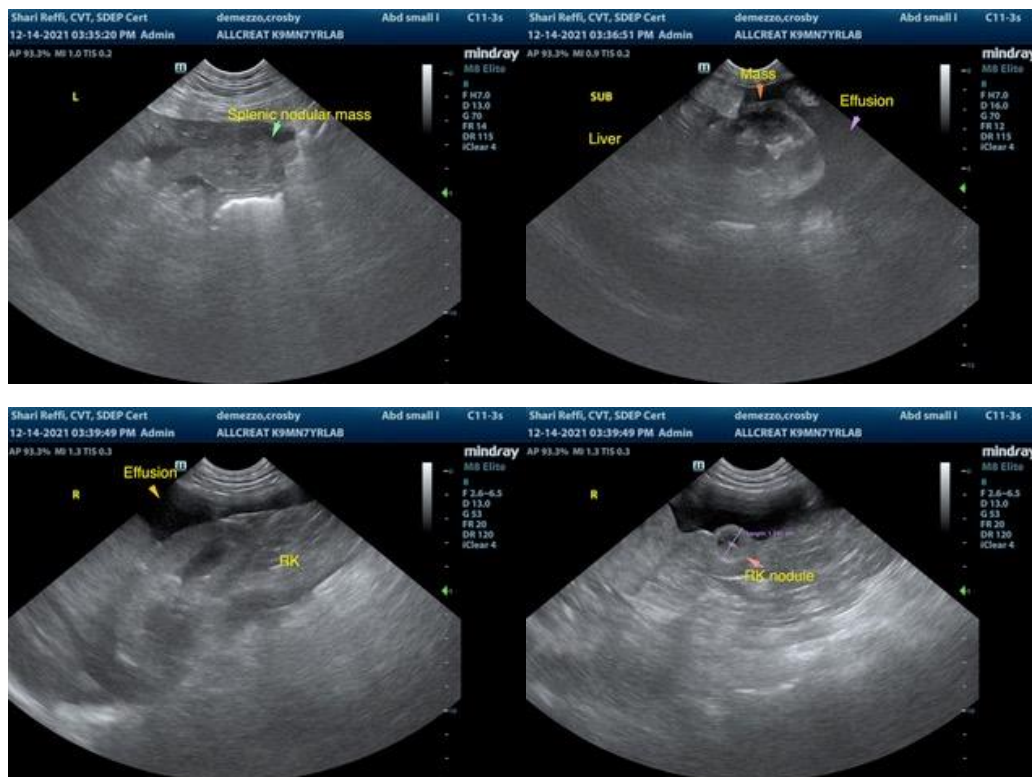
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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