



**PATIENT PRESENTING CLINICAL SIGNS**

Rocky Capella History: SQ MCT, met check

Medication: Benadryl

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Boxer

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4.0 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 was noted.

**SEX**

Neutered Male

The residual prostate was sonographically unremarkable.

The area of the aortic trifurcation was free of pathology.

**AGE**

9 years

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 6.7 cm in length. The right kidney measured 7.0 cm in length.

**WEIGHT**

72 Pounds

**Adrenal Glands**

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.7 cm length x 0.63 cm width at the caudal pole. The area of the right adrenal gland was free of overt pathology.

**INTERPRETED BY**

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

**Spleen**

The spleen exhibited normal size and contour with generalized finely textured homogeneous parenchyma and overall normal parenchyma echogenicity. Intermittent, subtly hypoechoic, non-expansive parenchymal nodules were noted. An example measured 0.81 cm in diameter.

**IMAGING PERFORMED BY**

Rebekah Jakum, CVT  
ARDMS/RVT

**Liver/ Gallbladder**

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

**HOSPITAL NAME**

White Haven VH

**REFERRING VET**

Dr. Dengler

**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.

**INVOICE**

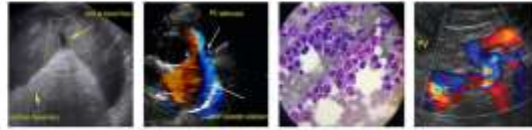
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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

**DATE**

10.11.2021

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



**PATIENT** *Pancreas*

Rocky Capella

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 were evident.

**SPECIES**

Canine

**Free Abdomen**

No omental masses, lymphadenopathy or peritoneal effusion was present.

**BREED**

Boxer

**ULTRASONOGRAPHIC FINDINGS**

**Primary Findings**

**SEX**

- Intermittent subtly hypoechoic non-expansive splenic nodules
- Otherwise, sonographically unremarkable abdomen

Neutered Male

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

9 years

The subtle hypoechoic, non-expansive, intermittent splenic nodules were nonspecific and may indicate areas of hematopoiesis, lymphoid hyperplasia, or a similar benign nodular process. Given the history of subcutaneous mast cell tumor, the possibility of early metastasis to the liver cannot be definitively excluded.

**WEIGHT**

72 Pounds

Assuming normal clotting status, ultrasound-guided FNA of the spleen for screening cytology, specifically targeting a subtly hypoechoic nodule, is suggested. Otherwise, sonographic monitoring of the spleen with an initial recheck in 3-4 weeks or based on oncology recommendations would be reasonable.

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**HOSPITAL NAME**

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**REFERRING VET**

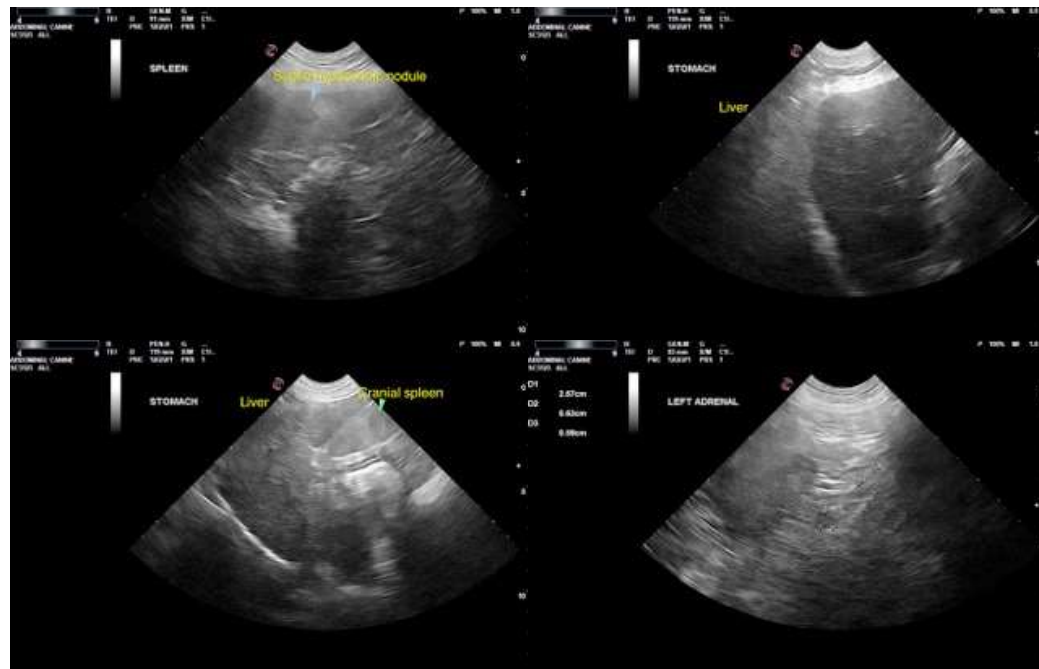
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**PATIENT**

Rocky Capella

**SPECIES**

Canine

**BREED**

Boxer

**SEX**

Neutered Male

**AGE**

9 years

**WEIGHT**

72 Pounds

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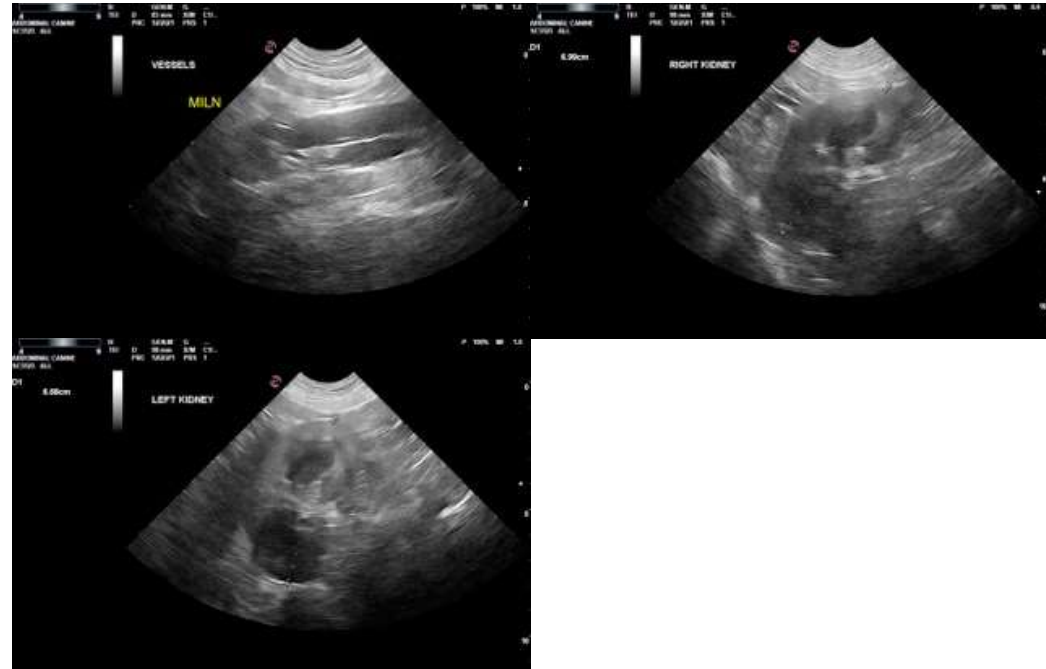
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**The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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)**

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