



PATIENT PRESENTING CLINICAL SIGNS

Elias Sinclair
SPECIES Canine
BREED Pit Bull Mix
SEX Neutered Male
AGE 8 Years
WEIGHT 58.2 Pounds

History: PE Exam findings 5/9/22: Limited range of motion - Bilaterally Cardiovascular, No heart murmur or arrhythmia ausculted, No vomiting or diarrhea. Normal food and water intake, Mass - Left ventral thorax, ventrolaterally over last rib, 1cm in diameter slightly raised, alopecic, and erythematous. Splenomegaly - Palpable but P is tense and remainder of palpation is non diagnostic Splenomegaly is nonspecific but given the diagnosis of a cutaneous mast cell tumor, splenic mast cell disease needs to be considered. Other potential considerations include congestion (e.g. such as secondary to sedation/anesthesia if administered) and hyperplasia/extramedullary hematopoiesis.

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 residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture measuring 1.0 cm in diameter.

Normal size and margination was 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 6.4 cm in length. The right kidney measured 6.4 cm in length.

Adrenal Glands

The left adrenal gland was mildly prominent in size exhibiting subtle asymmetrical contour and subtle nonhomogeneous to hypoechoic parenchyma. The left adrenal gland measured 2.5 cm in length x 1.0 cm width at the caudal pole.

The right adrenal gland was mildly prominent in size exhibiting subtle asymmetrical contour and subtle nonhomogeneous to hypoechoic parenchyma. The right adrenal gland measured 3.3 cm in length x 0.79 cm width at the caudal pole.

Spleen

The spleen was enlarged in size with maintained symmetrical capsule contour and generalized mild splenic parenchyma heterogeneity. Splenic vascularity was normal. No splenic masses or nodules.

Liver

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.

Gastrointestinal

INTERPRETED BY

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

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

VCA Westmoreland
AH

REFERRING VET

Dr Sullivan

INVOICE

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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.

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

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.

No intraabdominal or omental masses, lymphadenopathy or evidence of peritoneal free fluid was present.

ULTRASONOGRAPHIC FINDINGS

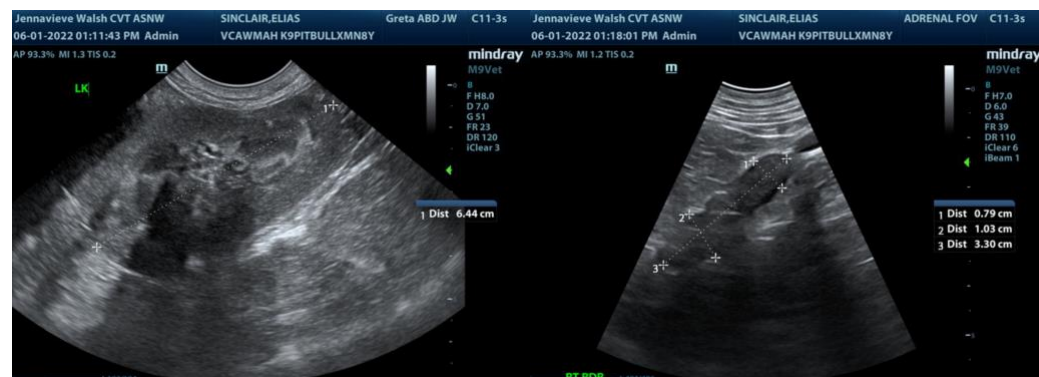
- Splenomegaly, exhibiting symmetrical capsule contour and mild generalized nonhomogeneous parenchyma
- Bilateral, mildly prominent to irregular adrenal glands- nonspecific
- Otherwise, sonographically unremarkable abdomen

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The splenomegaly and mild splenic parenchyma heterogeneity are nonspecific with considerations, including patient variant, hyperplasia, hematopoiesis, incidental splenitis, while given the patients history of cutaneous mast cell neoplasia, splenic mast cell disease cannot be excluded. Correlation with pending splenic FNA recommended.

The bilateral, mildly prominent to irregular adrenal glands were nonspecific and suspected to be a patient variant without reported clinical signs consistent with adrenal disease. Screening blood pressure to assess for evidence of hypertension may be considered.

Aside from the splenomegaly, no evidence of intraabdominal metastasis from cutaneous mast cell tumor.





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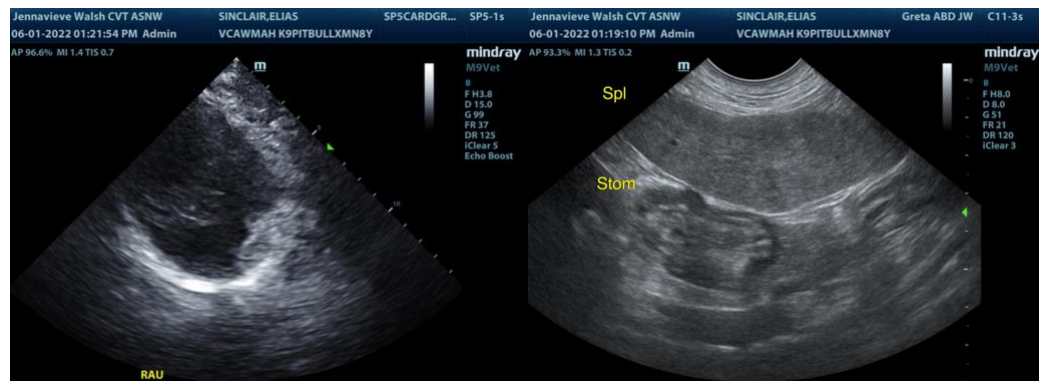
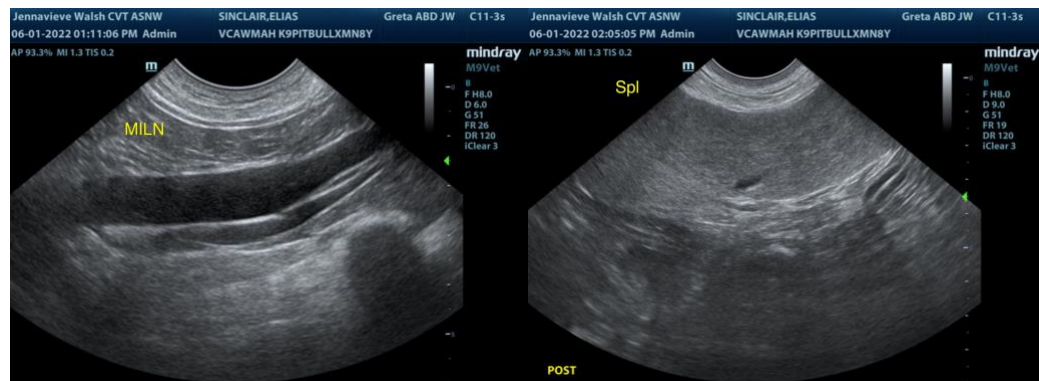
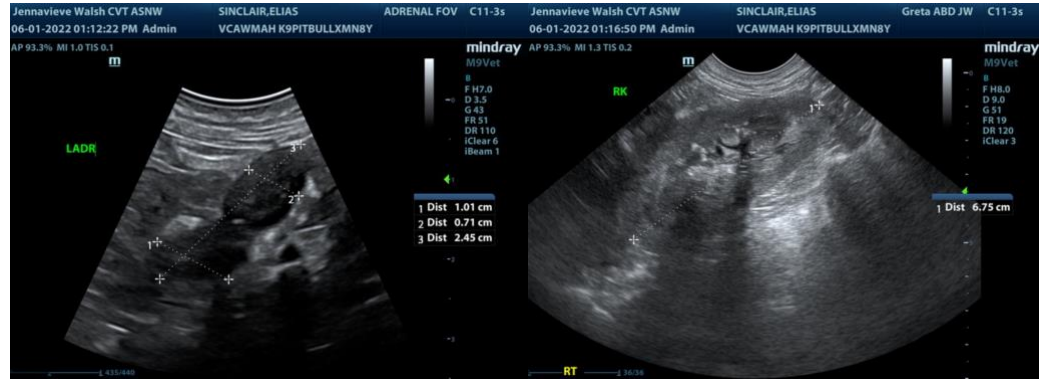
Dr Sullivan

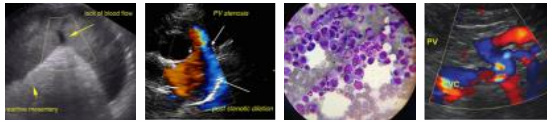
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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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info@SonoPath.com

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