



PATIENT

Rambo Shipley

SPECIES

Canine

BREED

Pug Mix

SEX

M/I

AGE

13y

WEIGHT

23.35 lbs.

PRESENTING CLINICAL SIGNS

2/20 WBC 23,600, urine showed RBC, WBC, epithelial and bacteria. Treated with Enrofloxacin. Follow up UA showed improvement less RBC and WBC. Extended Enrofloxacin rx. Follow up UA 4/10 show increase in WBC. Suspect prostatitis. Primary Question/Differential to Be Answered in This Exam Confirmation of prostatitis, further imaging of bladder

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, and cystourethral junction 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.

The prostate was mildly 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 3.5 cm x 1.7 cm. Intermittent, small intraparenchymal cysts were present. The post prostatic urethra was overtly normal in structure and tone to a depth of 2.0 cm. No evidence of peripheral inflammation was noted.

INTERPRETED BY

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

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 to moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation or pyelectasia was present. Multichambered lateral cortical cyst was present in the left kidney measuring 1.5 cm diameter. Pinpoint medullary mineral was noted. The left kidney measured 5.4 cm in length. The right kidney measured 6.1 cm in length.

IMAGING PERFORMED BY

Jenna Walsh, CVT

Adrenal Glands

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Countryside AC

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.1 cm length x 0.65 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 2.1 cm length x 0.56 cm width at the caudal pole.

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Spleen

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The spleen was normal in size with subtle areas of minor capsule asymmetry. Subtle generalized parenchyma heterogeneity was present with a solitary, isoechoic to mildly nonhomogeneous, nondisruptive, caudomedial splenic nodule measuring 1.6 cm in diameter. The nodule did not distort the splenic capsule.

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Liver/ Gallbladder

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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.

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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.

SEX

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.

M/I

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

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Pancreas

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum, consistent with age-related pancreatic changes and incidental. No signs of active inflammation or neoplasia.

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Free Abdomen

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No overt lymphadenopathy or peritoneal effusion was present.

Sonographically unremarkable left and right testicles were noted.

Rapid view of the heart revealed no evidence of pericardial masses or effusion in the visible window.

IMAGING PERFORMED BY

Jenna Walsh, CVT

ULTRASONOGRAPHIC FINDINGS

- Sonographically normal urinary bladder
- Mild prostatomegaly exhibiting nonhomogeneous cystic parenchyma - benign prostatic hyperplasia with intraparenchymal cysts, potential mild prostatitis, no evidence of prostatic neoplastic criteria
- Chronic renal changes with left kidney cyst
- Age-related spleen with subjective benign nodule

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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No evidence of intrabdominal neoplastic criteria was present. The relatively mild prostatomegaly is not overtly suggestive of significant prostatitis, although mild prostatitis, given the patient's history, is certainly possible. Prostatic sampling would be required for a definitive diagnosis. Neutering is likely ideal for this patient.

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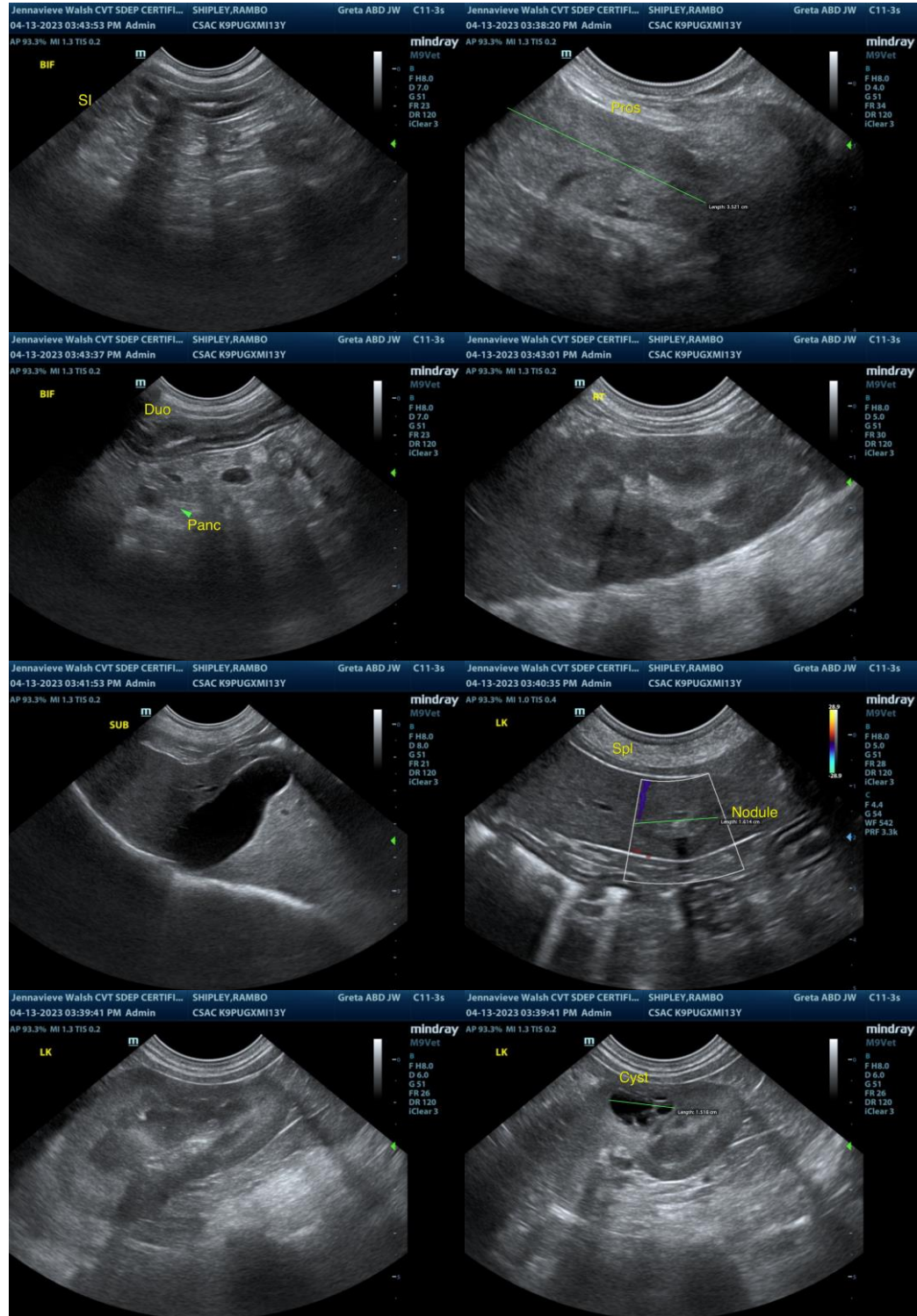
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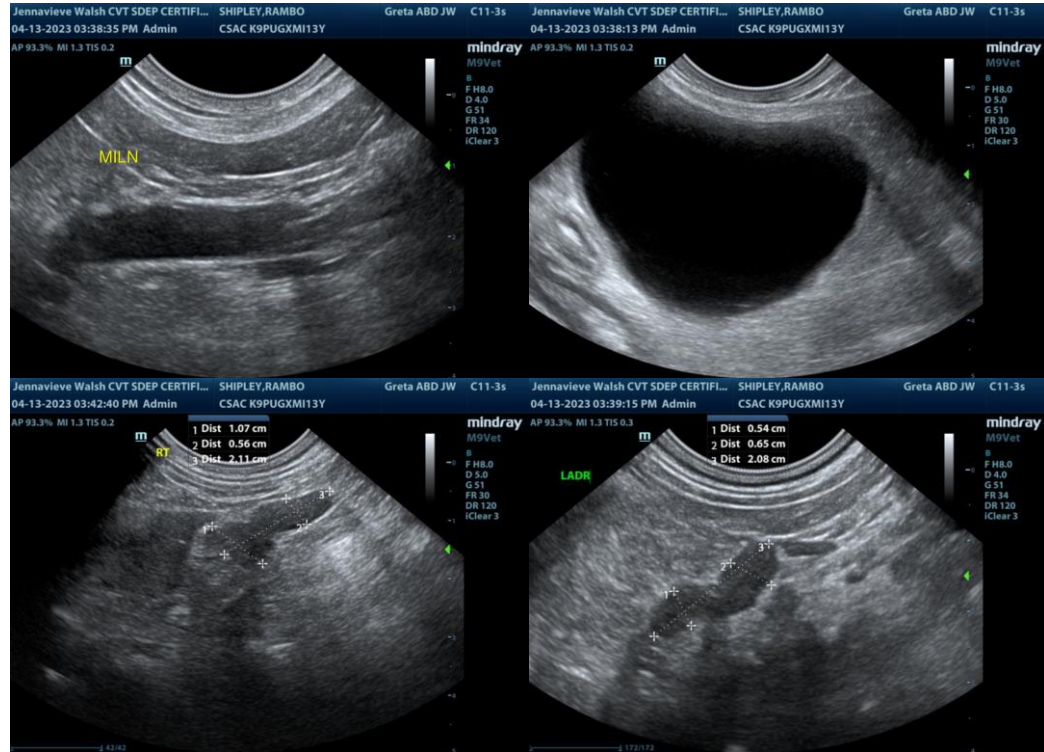
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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