



**PATIENT**

Zeus Simon

**SPECIES**

Canine

**BREED**

Bulldog

**SEX**

MN

**AGE**

2017

**WEIGHT**

65lb

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Amanda Crook -  
SDEP Certified  
Clinical Sonographer

**HOSPITAL NAME**

Rivers Edge Pet  
Medical Center

**REFERRING VET**

Dr. Anne Todd

**INVOICE**

14553ag

**DATE**

08/09/2023

**PRESENTING CLINICAL SIGNS**

Adopted pt, often find him dribbling urine or urinating after getting up from a nap

Abnormal PE/Chem/CBC/UA Results: UA with culture pending No Radiographs at this time

**LIMITED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

*Urinary System*

The urinary bladder was normal in size and tone with overtly normal bladder wall without evidence of inflammatory criteria/tumors. Anechoic urine was present in the lumen with no uroliths or sediment. The area of the ureteral papilla was free of overt pathology. Power Doppler assessment in the area of the trigone and cystourethral junction revealed potential for caudally displaced or oriented visualized ureteral jet. Normal cystourethral junction extending into the proximal urethra exhibiting overtly normal structure and tone to a depth of 3-4 cm.

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 6.3 cm in length. The right kidney measured 5.9 cm in length.

The area of the residual prostate appeared normal and free of pathology measuring 1.3 cm in diameter.

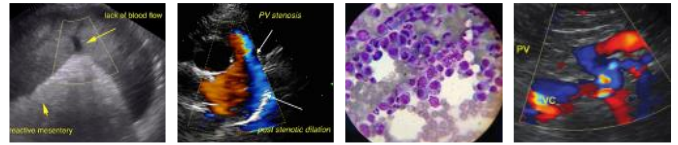
**ULTRASONOGRAPHIC FINDINGS**

- Overall sonographically unremarkable urinary bladder-no evidence of cystitis, sediment/mineral, macrocalculi or tumors.
- Possible although not definitive caudally displaced or oriented visualized ureteral jet.
- Overtly normal residual prostate and visible proximal urethra.
- Normal bilateral kidneys.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No definitive evidence of structural pathology or congenital defect as an obvious cause of the cause of the patient's urinary signs. Given non-definitive potential for possible caudally displace or oriented ureteral jet visualized on power Doppler, a small structural abnormality i.e., ectopic ureter which may be difficult to visualize sonographically cannot be definitively excluded.

Correlation with pending UA and C/S is recommended. Referral for gold standard CT with contrast for clarification and assessment for non-obvious structural abnormality as a primary or contributing factor to the urinary signs would be ideal.



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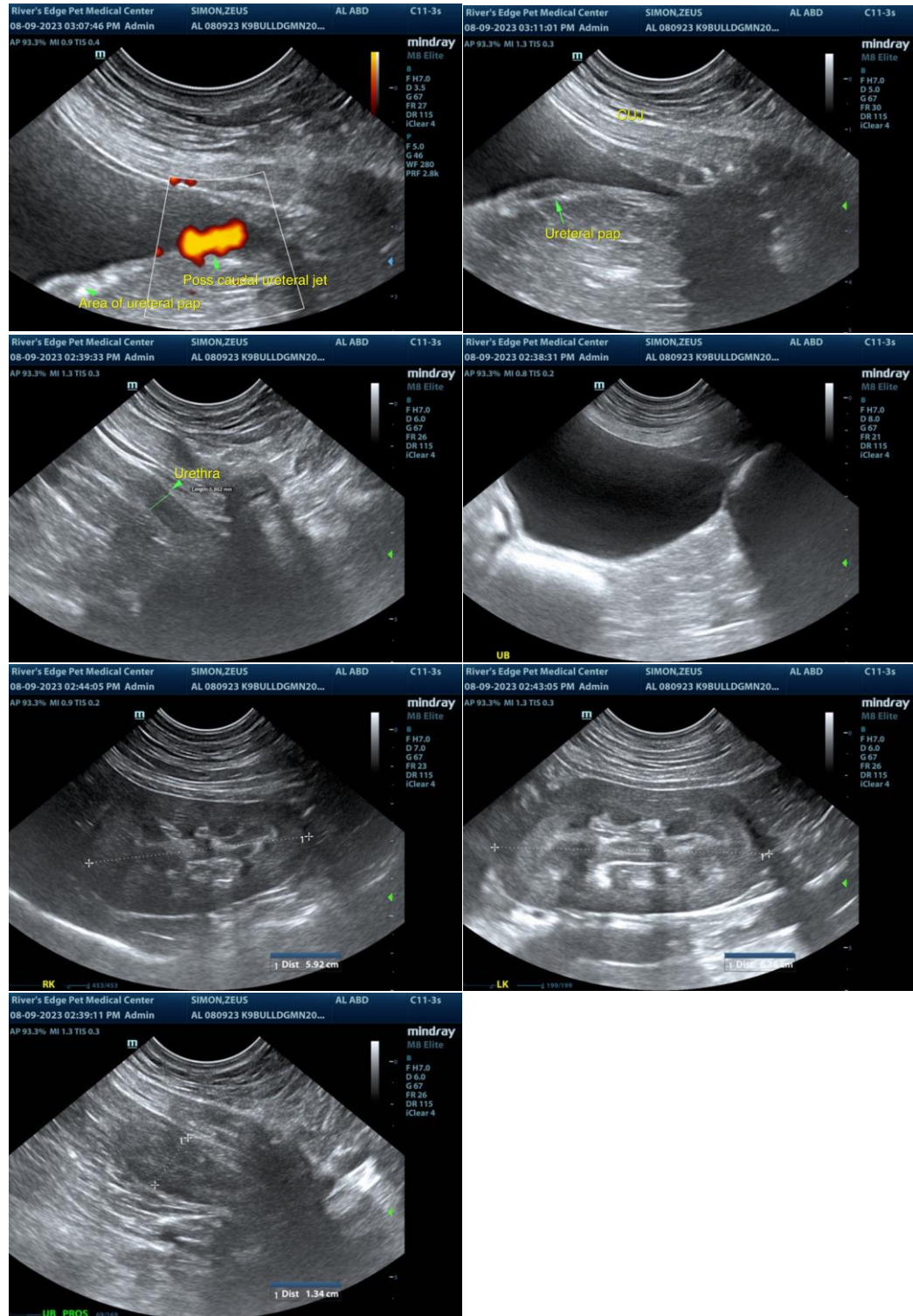
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**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.

**BREED**

Bulldog

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[info@sonopath.com](mailto:info@sonopath.com)

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