

**DATE**

1/31/2022

**PATIENT**Madalyn Boul-  
McKinnon**SPECIES**

Canine

**BREED**

Pug

**SEX**

Female, spayed

**AGE**

11/5/2009

**WEIGHT**

20.8 lbs.

**INTERPRETED BY**Andrea Nicastro, DVM,  
Diplomate ACVIM  
(*Small Animal Internal  
Medicine*)**HOSPITAL NAME**Animal Hospital at  
Southgate**REFERRING VET**

Dr. Alexander

**INVOICE**

12928

**PRESENTING CLINICAL SIGNS**

History: O was previously treated for a UTI. O says P may have had blood in the urine. Hx of rods and cocci.

Current Medications: Tussigon 1/2 5mg BID.

Lab Results: Trace blood seen in last u/a.

Date of Previous IntraPet Ultrasound: No previous IntraPet scans.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Stephanie Pearce RDCS, RVT.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

\*\*This study was limited to the urinary system. There is a potential for pathology in organs that were not visualized.

**Urinary System**

The urinary bladder is mildly to moderately distended. The wall is normal in thickness. The mucosal surface at the apex is subtly irregular. Luminal contents are mostly anechoic. No cystic calculi are observed. The region of the trigone and the visible portion of the proximal urethra are normal.

The left kidney is normal in size (4.18 cm in length) with a normal shape, smooth peripheral margins and normal internal architecture. There is minimal loss of corticomedullary distinction. Several hyperechoic shadowing diverticular foci are observed. There is no evidence of pyelectasia, infarcts or hydronephrosis. Renal vasculature is normal.

The right kidney is normal in size (4.35 cm in length) with a normal shape, smooth peripheral margins and normal internal architecture. There is minimal loss of corticomedullary distinction. Several hyperechoic shadowing diverticular foci +/- tiny nephroliths are visualized. There is no evidence of pyelectasia or infarcts. Renal vasculature is normal.

**Other**

A uterine stump is visible (0.37 cm in width). No obvious pathology is observed.

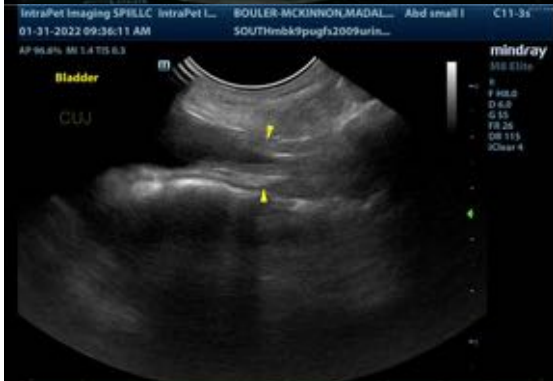
**ULTRASONOGRAPHIC FINDINGS**

- Minor degenerative renal changes with dystrophic mineralization +/- tiny, non-obstructive right nephrolithiasis.
- The urinary bladder wall changes are suggestive of mild cystitis.
- Visible uterine stump- incidental.

\*An obvious cause for the patient's urinary tract infections is not identified in this study.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

- Urine culture and sensitivity, preferably 5-7 days following the last dose of antibiotics.
- Evaluation of the external genitalia is also recommended to assess for predisposing factors.
- Baseline lab work, including a CBC, chemistry panel, and T4 is recommended to assess overall metabolic function, if not already performed.



**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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