



**PATIENT**

Zara Nehman

**SPECIES**

Feline

**BREED**

DSH

**SEX**

SF

**AGE**

14 years

**WEIGHT**

17.3 lbs.

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Michaleen

**HOSPITAL NAME**

DPC VH

**REFERRING VET**

Dr. White

**INVOICE**

12797

**DATE**

12/13/21

**PRESENTING CLINICAL SIGNS**

Reason for Visit: Straining, Accidents History: P presents for straining to urinate and accidents in the house. P has been going out of the litterbox for 3 days now. O states she had been straining when urinating, no blood noted but very foul smelly urine. P also defecated outside of litterbox this am. Last night o noted that p was screeching before going into litterbox. P has been eating well, but did lose some weight since then. O has not noted any changes at home with P or other things.

Abnormal PE/Chem/CBC/UA Results: Hydration: Appropriately hydrated Mentation: BAR EENT: No nasal discharge; clear no discharge OU; clean no exudate AU Oral Cavity: No dental tartar present Lymph Nodes: did not palpate Skin: Flaky hair coat down midline. Overgroomed axillas and ventral abdomen CV/Respiratory: did not auscult. Abd/GI: did not palpate Uro/Perineum: N Musculoskeletal: Ambulatory x4. BCS 9/9 Neurological: Appropriate CBC + Chem = WNL

**ULTRASONOGRAPHIC EXAMINATION OF THE URINARY SYSTEM**

**Urinary System**

The urinary bladder was normal in size and tone, containing primarily anechoic urine with mild dependent sand to small calculi. No overt evidence of inflammatory or neoplastic mural criteria, although potential for mild cystitis is possible. The urethra exhibited normal structure and tone to a depth of 2.0 cm.

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 3.9 cm in length. The right kidney measured 3.9 cm in length.

The visualized distal colon ventral to the urinary bladder was sonographically unremarkable with subjective formed feces.

**ULTRASONOGRAPHIC FINDINGS**

**Primary Findings**

- Mild urinary bladder sand / small calculi
- Mild age-related kidneys, no overt pyelonephritis
- Sonographically unremarkable visualized distal colon

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Urine culture and sensitivity on a sterile urine sample is recommended. If no evidence of underlying UTI, dissolution diet and empirical therapy for Idiopathic cystitis may prove beneficial. Sonographic monitoring of the urinary bladder for dissolution or persistent / progressive sand would be appropriate.



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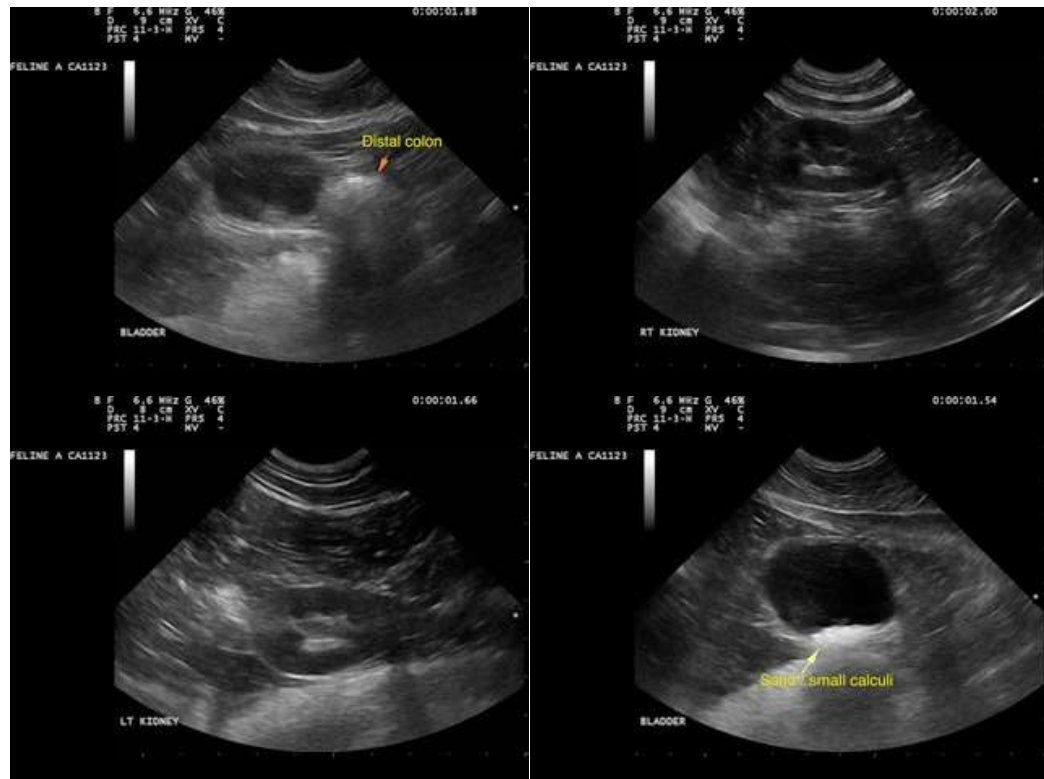
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**The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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)**  
info@SonoPath.com