



**PATIENT**

Yogurt Khouzani

**SPECIES**

Feline

**BREED**

Domestic Shorthair

**SEX**

Neutered male

**AGE**

8 years

**WEIGHT**

18.2 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Lincoski

**HOSPITAL NAME**

University Drive VH

**REFERRING VET**

Dr. Lincoski

**INVOICE**

44056

**DATE**

4/27/23

**PRESENTING CLINICAL SIGNS**

History: Yogurt is here for urinary workup due to recurrent bouts of hematuria/cystitis symptoms, new patient to us as of April. 3 views of abdomen obtained, there is no evidence of nephro- or urolithiasis present. Kidneys appear symmetric and normal size. Ultrasound of urinary bladder/trigone/proximal urethra as well as both kidneys obtained and sent to sonopath for review. Urine obtained via US guided cystocentesis for sterile culture/UA. Yogurt was cooperative and good for all, no sedation needed. There are multiple cats in household and a new cat, he has been hiding, growling hissing more and having signs of anxiety. He was previously seen at the ER 3/24/23 and given a course of NSAIDs/gabapentin. Flare up again and we saw him and did same treatment 4/14. Continued issues since, after initial response.

Abnormal PE/Chem/CBC/UA Results: Obese, otherwise unremarkable exam. Free catch UA WBC=2/HPF, RBC=>50/HPF, 1-2non-squamous epi/HPF, +3 protein, +4blood, SG=>1.050, pH=9, 6-20 struvite/HPF.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder** wall itself was unremarkable. A minor amount of suspended debris was noted. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** presented a relatively uniform cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. These changes are most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. Hyperechoic medullary rim sign was noted. Pinpoint renal mineralization was noted. The left kidney measured 4.37 cm. The right kidney measured 4.31 cm.

**ULTRASONOGRAPHIC FINDINGS**

Structurally normal lower urinary tract with suspended debris.

Interstitial nephrosis renal pattern with idiopathic medullary rim sign, possible underlying FIP.

Slight renal mineralization, non-obstructive.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The patient may have recently passed a calculus and may be responsible for the clinical history. However, lower urinary tract inflammation such as idiopathic cystitis is likely. Environmental issues should be addressed given the stressors involved in the patient's environment.



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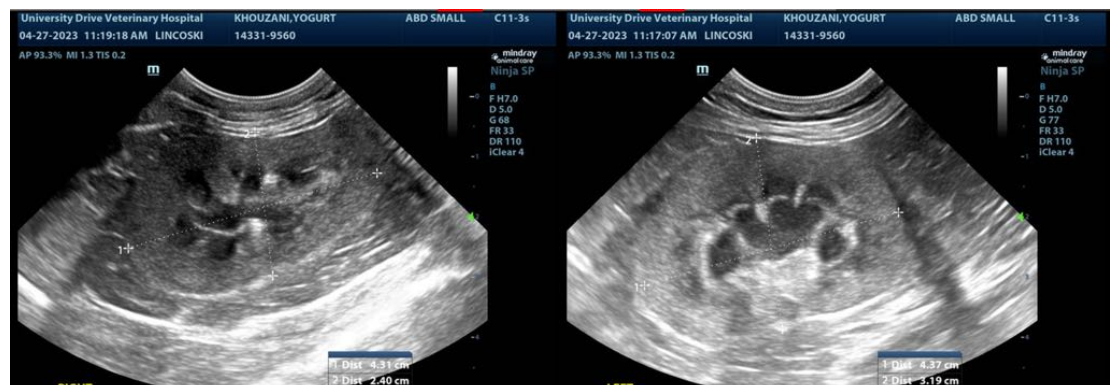
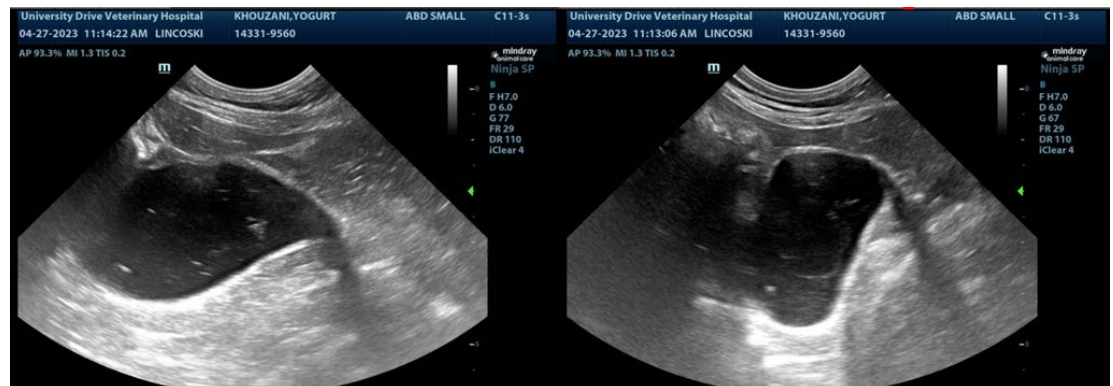
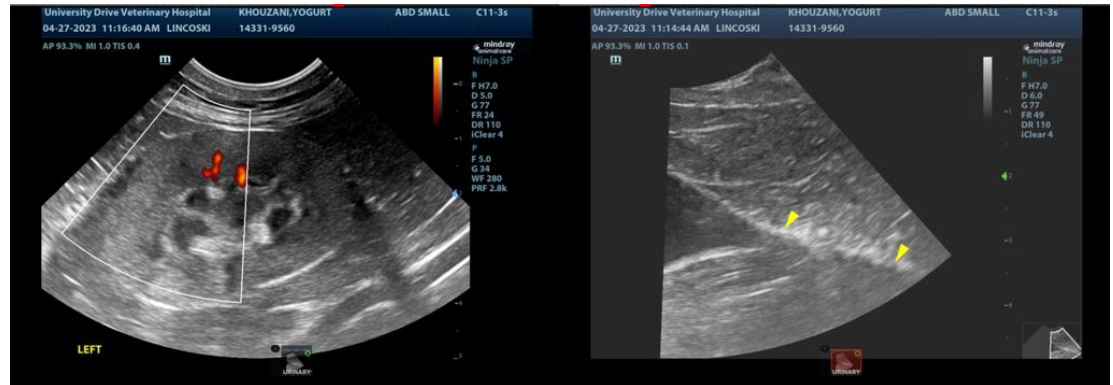
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com**  
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