



## PATIENT PRESENTING CLINICAL SIGNS

Tiny Rice  
History: Hematuria, Stranguria  
Urinalysis shows - Rod Bacteria

## SPECIES

Canine

## BREED

Rottweiler

## SEX

Spayed female

## AGE

11 years

## WEIGHT

86 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Smatt

## HOSPITAL NAME

The Pets I Love

## REFERRING VET

Dr. Smatt

## INVOICE

76397

## DATE

8/2/23

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The **urinary bladder** revealed a severe chronic cystitis pattern with wall thickness that measured up to 1.4 cm. A minimal amount of urine was present at the time of the sonogram. There is mild potential for underlying neoplasia. However, BRAF testing and endoscopy would be ideal. Cytospin of free catch urine sample would be warranted to assess for transitional cells.

## ULTRASONOGRAPHIC FINDINGS

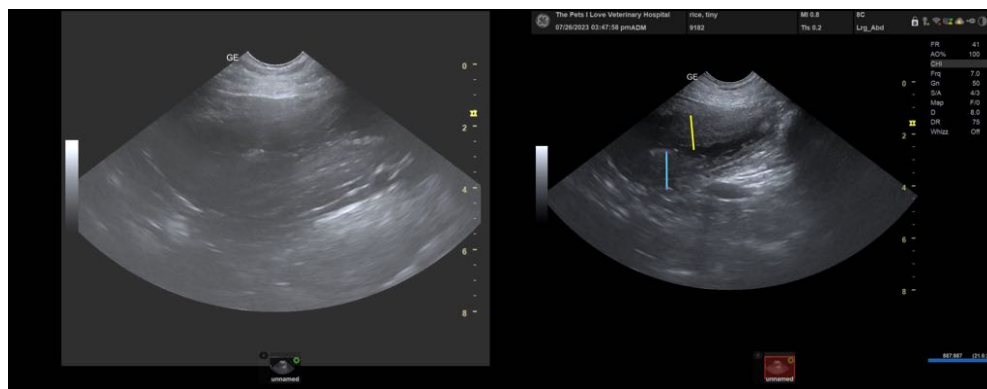
Chronic cystitis bladder pattern, mild potential for transitional cell carcinoma.

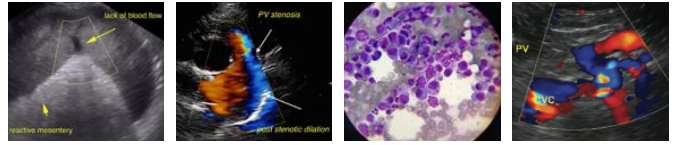
## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Endoscopy or traumatic catheterization would be ideal; however, I am most concerned about chronic cystitis. Predisposing issues such as recessed vulva or urine pooling should be evaluated if not already performed. If no evidence of neoplasia is noted on BRAF testing, cytospin or endoscopy then 6-8 week antibiotic therapy may be necessary given the severity of the chronic changes in the bladder wall.

### Canine Chronic UTI Protocol

I recommend **Enrofloxacin** (5-10 mg/kg SID PO) (In patients > 1 year of age) in late pm after urination to maximize urinary concentrations overnight. This assumes that culture supports this use. Repeat **culture** at 3-4 weeks and continue treatment at least 7-10 days post negative urinary sediment and negative culture. *Note: Negative culture does not necessarily mean lack of UTI.* Other favorite antibiotics for chronic UTI include third generation Cefa (Ceftiafur or similar s.i.d. injectable) or Clavamox. If suspicion of occult urinary incontinence is present then **phenylpropanolamine (PPA)** (1-2 mg/kg BID) can be employed long term to enhance urethral tone.





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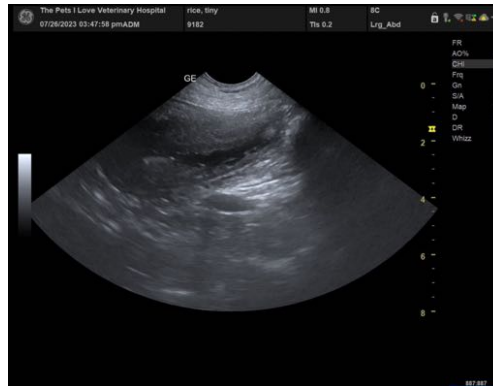
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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