



PATIENT

Rory Deruiter

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

5 Years

WEIGHT

13.9 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Marcela Salas

HOSPITAL NAME

Tenaflly Vet Center

REFERRING VET

Dr. Marcela Salas

INVOICE

43832

DATE

12/29/22

PRESENTING CLINICAL SIGNS

On Fluoxetine. Overweight. Recently has been seen for lack of urination in the home. Per owner cat went 4 days without urinating- lab work normal and easily passed a 3.5 fr red rubber. imaging studies showed bladder debris and inflammatory material. Kidneys showed medullary ring, X-rays confirm enlarged/distended bladder. Cat is eating and pooping. Not straining. UA reveals rbc and epithelial rafts. Today we catheterized cat easily again. Submitted urine cytology. Starting Bethanechol and continuing Prazosin. Starting NSAID trial as well. Concern for atonic bladder? Cat seems otherwise normal.

LIMITED ULTRASONOGRAPHIC EXAMINATION

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

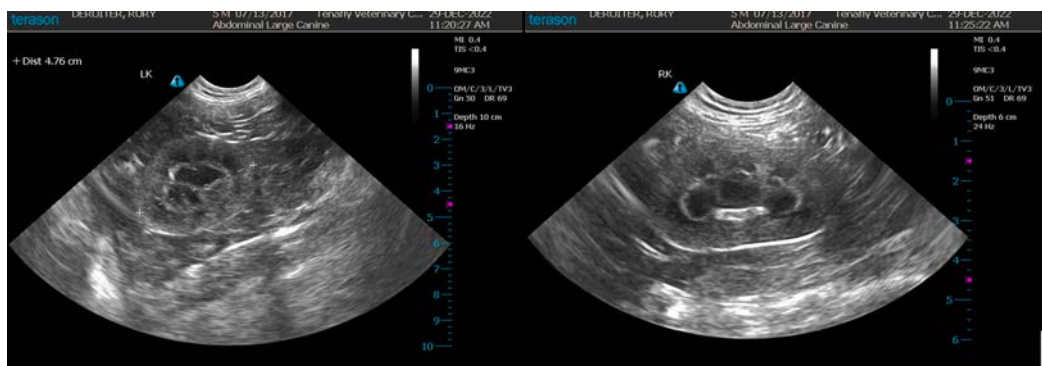
The **kidneys** presented a relatively uniform cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. These changes are most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. The left kidney measures 4.7 cm. The right kidney measures 4.79 cm. Hyperechoic medullary rim sign noted in both kidneys. Degenerative changes in the kidneys were moderate.

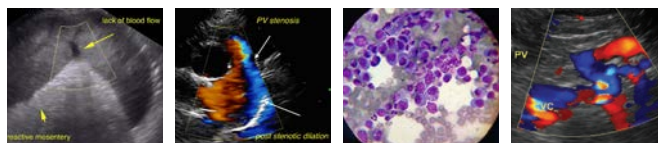
ULTRASONOGRAPHIC FINDINGS

- Moderate degenerative renal changes, interstitial nephrosis pattern with medullary rim sign

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Non-specific presentation. Renal biopsy would be necessary for further definition. Renal values should be monitored carefully in this patient. The degenerative changes in the kidneys appear to be early for this age patient. No structural evidence of disease noted in the lower urinary tract.





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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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