



PATIENT PRESENTING CLINICAL SIGNS

Lola Amato History: Urinary system only. History of renal disease. Proteinuria, chronic UTIs, utis, incontinence. Currently, lethargic, hyporexic, PU/PD, leaking active e.coli UTI with limited sensitivity to antibiotics. ALT 274; BUN 174; creat 6.4. On Telmisartan, Amlodipine, Proin, Primor

SPECIES

Canine

BREED

Labrador Retriever Mix

SEX

Spayed Female

AGE

11 Years

WEIGHT

43 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Norfolk CVS

REFERRING VET

Dr. Christina Poor,
BVetMed

INVOICE

14153

DATE

2/2/22

LIMITED ULTRASONOGRAPHIC EXAMINATION

The urinary bladder was mildly distended in size yet subjective normal tone, The urinary bladder walls were overtly normal without evidence of inflammatory or neoplastic criteria. Moderate nondependent to swirling particulate sediment was present. No evidence of macrocalculi. The visible proximal urethra exhibited normal structure and tone to a depth of 2.0 cm. No overt evidence of structural pathology, such as urachal remnant or ectopic ureter.

Normal renal size with asymmetrical margination was present in both kidneys. The renal cortex presented uniformly increased in echogenicity with uniform echotexture. The renal cortex appeared to be hypertrophied resulting in an altered cortex: medulla ratio. Mild loss of corticomedullary distinction was also present. The renal medullary volume was subjectively reduced. Multiple cortical cysts were present in both kidneys. Mild pyelectasia was present in both kidneys. An example of cortical cyst size in the right kidney measured 0.57 cm in diameter. An example of left kidney cortical cyst measured 0.61 cm. Pelvis dilation in the left kidney measured 0.43 cm. Pelvis dilation in the right kidney measured 0.40 cm. No overt evidence of left or right ureter dilation. The right kidney measured 5.6 cm in length. The left kidney measured 6.0 cm in length.

ULTRASONOGRAPHIC FINDINGS

- Bilateral chronic nephropathy, exhibiting multiple cortical cysts and mild bilateral pyelectasia
- Overtly normal urinary bladder and visible proximal urethra with moderate particulate to swirling urinary bladder sediment

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The renal presentation is suggestive of chronic nephritis, such as glomerulonephritis given the history of proteinuria, possible pyelonephritis given the chronic UTIs in combination with age-related chronic renal parenchymal changes, including cortical cysts. The potential for ascending infection into either the kidneys given the history of chronic UTIs and secondary mild pyelonephritis is possible. No overt evidence of upper or lower urinary tract neoplastic criteria.

Ideally, based on urine culture and sensitivity results, which may be limited in this case, antibiotic therapy for 10-14 days with recheck urine culture and sensitivity 5-7 days post-completion of antibiotics would be reasonable. Avoidance of aminoglycoside antibiotic recommended given the renal compromise. Continued CRD/PLN therapy with monitoring of UPC if possible, as well as systemic blood pressure would be appropriate.

For an additional charge, internal medicine consult can be utilized through Sonopath.com. You can select the internal medicine drop down at <http://spa.sonopath.com/>.

One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>



PATIENT

Lola Amato

SPECIES

Canine

BREED

Labrador Retriever Mix

SEX

Spayed Female

AGE

11 Years

WEIGHT

43 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Norfolk CVS

REFERRING VET

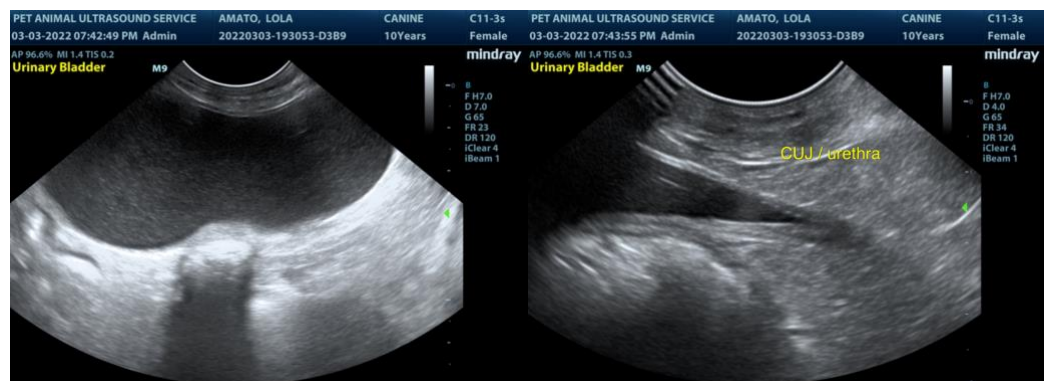
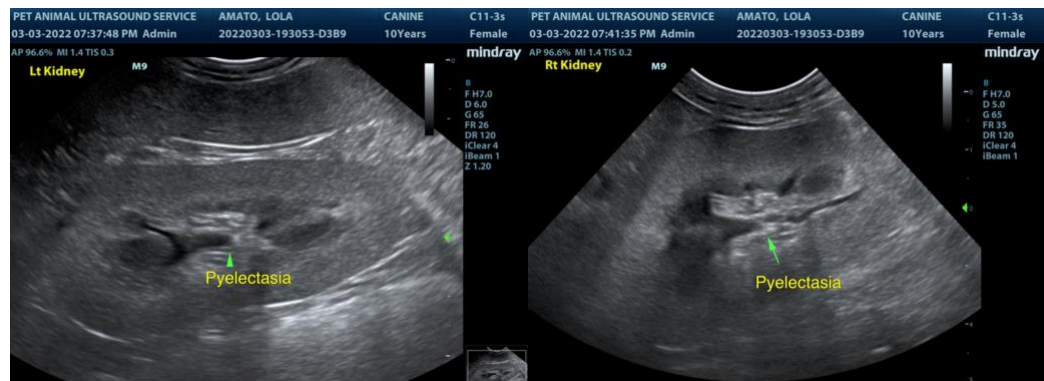
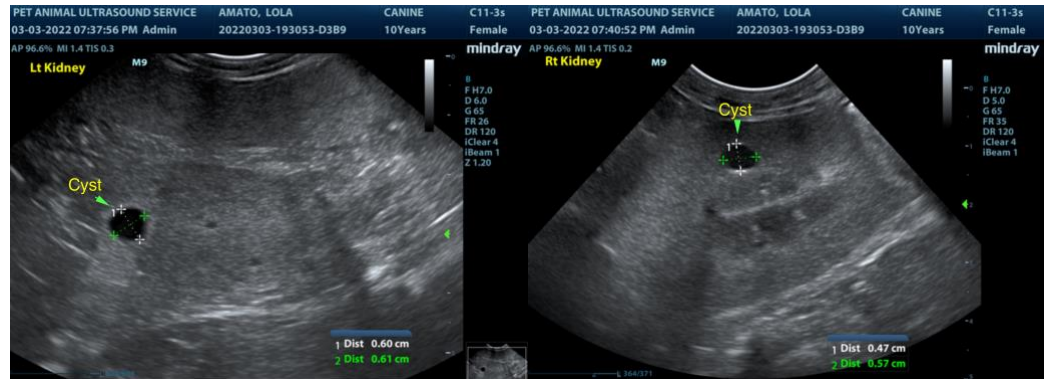
Dr. Christina Poor,
 BVetMed

INVOICE

14153

DATE

2/2/22



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



PATIENT

visible in the image/video clips provided.

Lola Amato

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.

SPECIES

Canine

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

BREED

Labrador Retriever Mix

SEX

Spayed Female

AGE

11 Years

WEIGHT

43 Pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Pamela Harrigan, RDCS

HOSPITAL NAME

Norfolk CVS

REFERRING VET

Dr. Christina Poor,
BVetMed

INVOICE

14153

DATE

2/2/22