

**PATIENT PRESENTING CLINICAL SIGNS**

Lucy Fuentes  
History: Hematuria.

**SPECIES**  
Canine  
Physical Examination: N/A.  
Urinalysis: N/A.

**BREED**  
Poodle Mix  
CBC: N/A.  
Serum Biochemistry: N/A.  
Radiographic Findings: N/A.

**SEX**

FS

**AGE**

9 years

**WEIGHT**

15 #

**INTERPRETED BY**

Remo Lobetti, BVSc,  
MMedVet (Med), PhD, Dipl.  
ECVIM

**IMAGING PERFORMED BY**

Denise Bruno LVT, RDMS

**HOSPITAL NAME**

Ideal Pet Vet Clinic

**REFERRING VET**

Dr Kolta

**INVOICE**

303703

**DATE**

12/28/22

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Small urinary bladder with a thickened (0.8 cm) and irregular appearance of especially the apical wall. Moderate amount of floating and dependent hyperechogenic sediment present. No uroliths evident.

Normal trigone area, proximal urethra (0.2 cm), and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 4.2 cm, right 4.4 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, pyelectasia (both 0.3 cm) and normal blood flow and capsule. Bilateral cortical infarcts with right kidney worse than the left.

**Reproductive System**

N/A.

**Adrenal Glands**

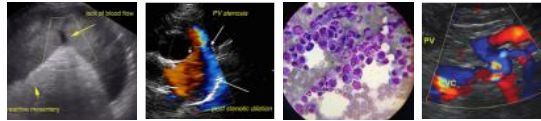
Normal shape, echogenic appearance, position, and size. Left 1.71 x 0.41/0.45 cm, right 1.68 x 0.31/0.31 cm.

**Spleen**

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

**Liver**

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and appearance of the gall bladder wall. Normal bile duct.



**PATIENT** *Gastrointestinal*

Lucy Fuentes Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristalsis, and no distension of the lumen.

**SPECIES** *Pancreas*

Canine Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**BREED** *Free Abdomen*

Poodle Mix No mesenteric lymphadenomegaly.  
No ascites.

**SEX** FS

**AGE** **ULTRASONOGRAPHIC FINDINGS**

9 years Primary findings:

- Urinary bladder thickening with sediment.
- Renal disease vs age-related renal changes.

**WEIGHT** 15 #

Secondary findings:

- None

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Etiologies for the urinary bladder would be bacterial cystitis, polypoid cystitis, sterile cystitis, and emerging neoplasia.

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Although the appearance of the kidneys may merely be age-related, early chronic kidney disease and pyelonephritis needs to be considered.

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Further assessment would be urine analysis, urine culture, BRAF assay, renal function (urea, creatinine, SDMA), and possibly catheter-assisted aspirate/biopsy of the urinary bladder wall.

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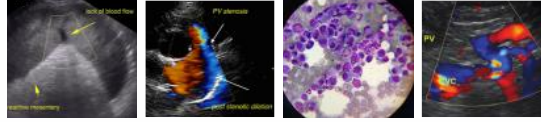
Specific therapy would be dependent on an etiological diagnosis.

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**PATIENT IMAGES**

Lucy Fuentes **Urinary bladder**

**SPECIES**

Canine

**BREED**

Poodle Mix

**SEX**

FS

**AGE**

9 years

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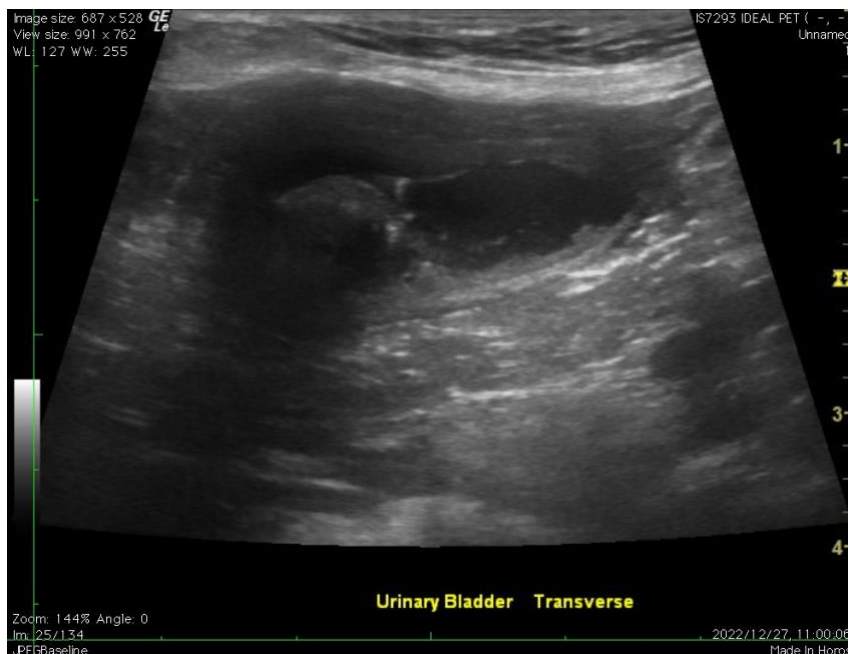
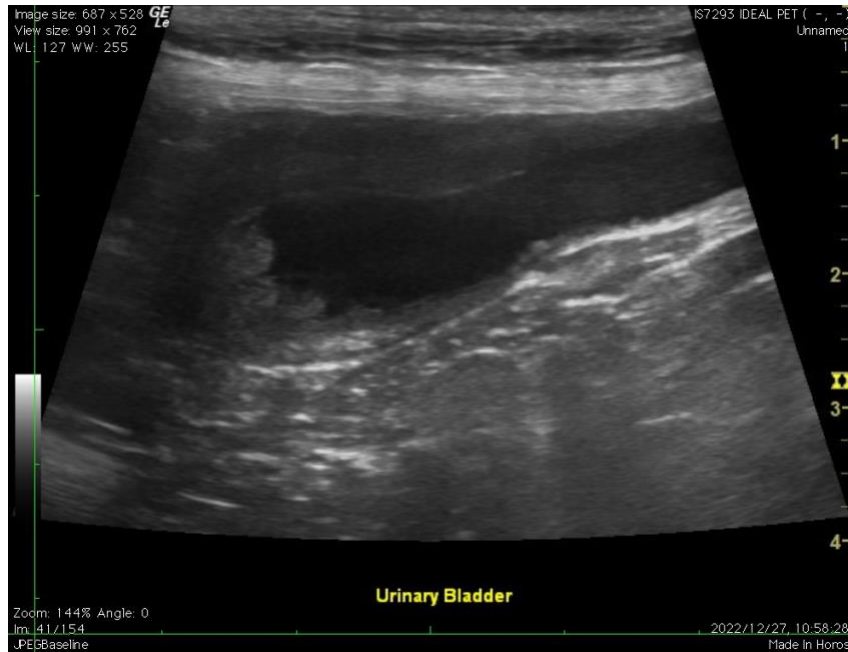
Dr Kolta

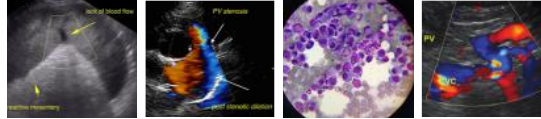
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**PATIENT Right kidney**

Lucy Fuentes

**SPECIES**

Canine

**BREED**

Poodle Mix

**SEX**

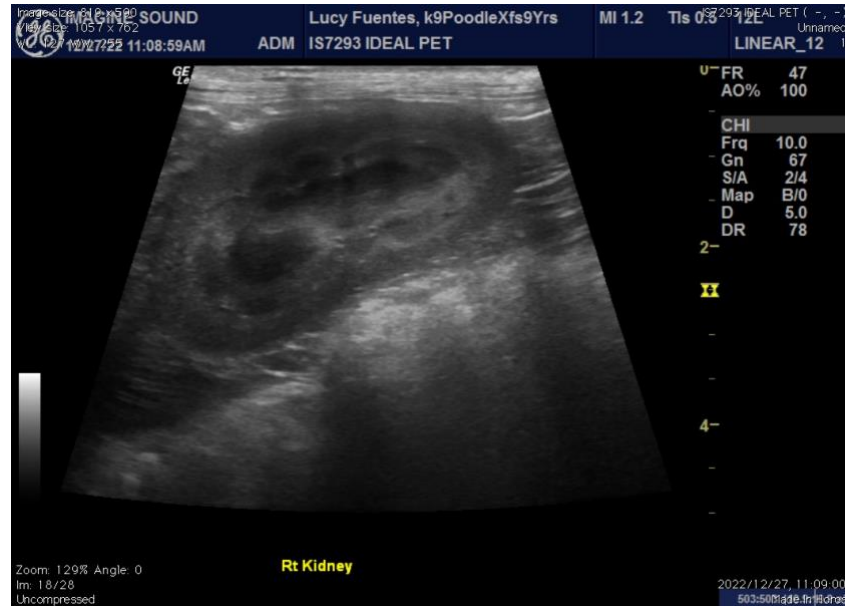
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**AGE**

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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.

**IMAGING PERFORMED BY**

Denise Bruno LVT, RDMS

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