



**PATIENT PRESENTING CLINICAL SIGNS**

Daiki Alejandro Arce Gonzalez

History: Presented for a focal recheck exam of the urinary system. Pt had a history of cysts in the prostate that was seen on a previous abdominal ultrasound done on Sept 13th, 2022. Pt presented on 12-21-22 due as pt was not doing well and having urinary problems. On the rectal exam, the prostate seems enlarged. U/A was done and showed UTI with rod shape bacteria. Wants to further evaluate the urinary system and compare the prostate from the previous exam.

**SPECIES**

Canine

\*\*This study was limited to the urinary tract. There is a potential for pathology in organs that were not visualized.

**BREED**

Schnauzer

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**SEX**

Neutered Male

The urinary bladder wall is normal in thickness and the mucosal surface in the region of the apex is slightly irregular. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

**AGE**

9 years

The prostate is normal in size (1.12 cm in width) with a relatively normal shape. Ill-defined cystic areas are observed within the parenchyma. The prostatic urethra is not overtly dilated.

**WEIGHT**

18.8 lbs

The left kidney is normal size (4.20 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with moderate loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

The right kidney is normal size (4.44 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with moderate loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

**INTERPRETED BY**

Andrea Nicastro, DVM,  
Diplomate ACVIM (*Small Animal Internal Medicine*)

**Lymph nodes**

The medial iliac lymph nodes are visible (left: 1.03 cm in length) (right: 0.83 cm in length). The nodes are normal in shape and echogenicity

**IMAGING PERFORMED BY**

Dr. Ferrer DVM

**ULTRASONOGRAPHIC FINDINGS**

**Primary Findings**

- Cystic prostatic parenchyma. Changes are similar to the previous sonogram. The cystic lesions may be residual from late-in-life neutering (if applicable), abscessation or emerging neoplasia.

**HOSPITAL NAME**

Paseos VC

**Secondary Findings**

**REFERRING VET**

Dr. Franco Ortiz

- Bilateral chronic age-related renal changes. Changes are similar to the previous sonogram.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

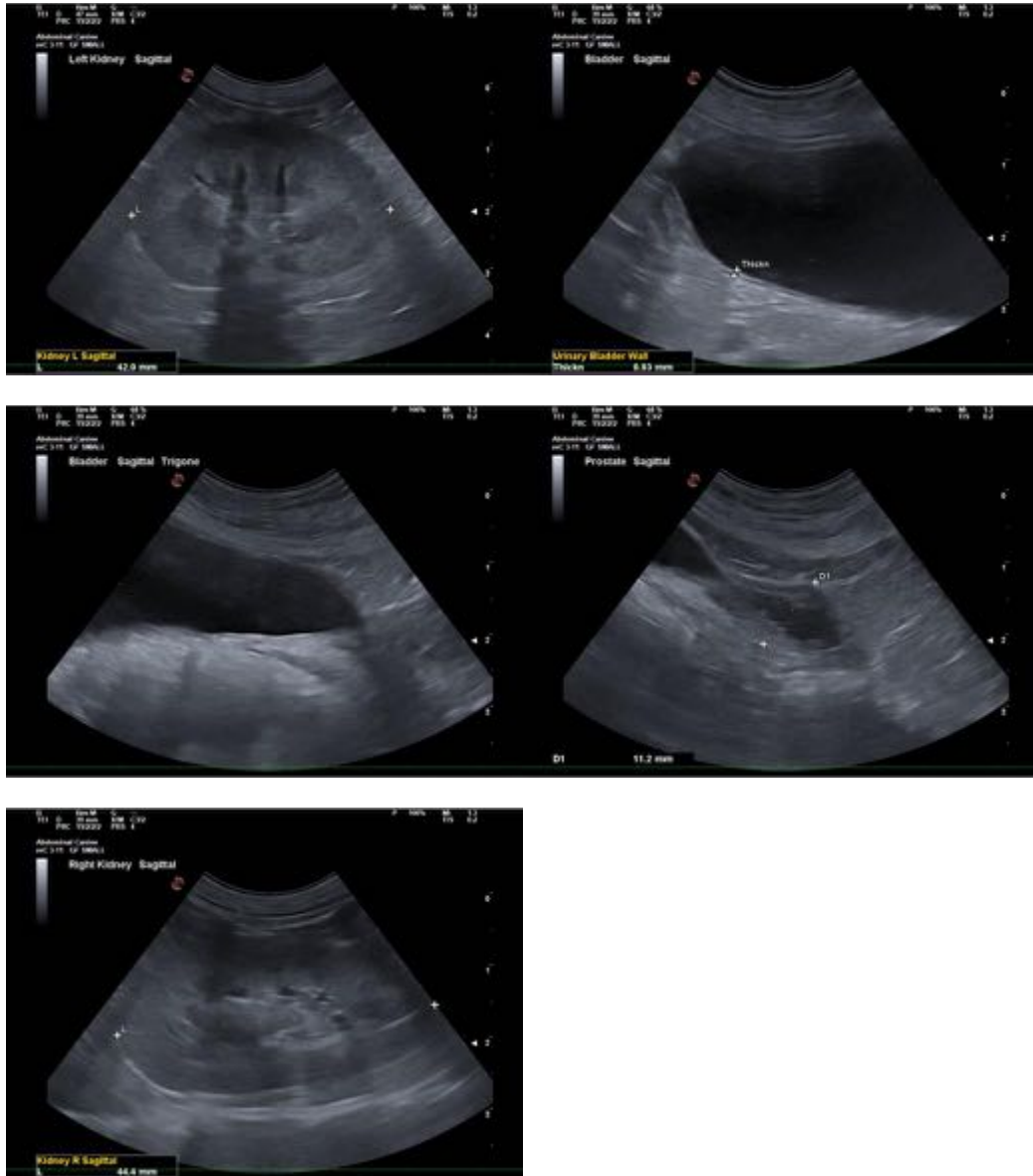
- Given the patient's clinical history, consider the following:
  1. Urine culture and sensitivity
  2. Urine BRAF test to further evaluate for lower urinary tract neoplasia
  3. While awaiting test results, empirical treatment for urinary tract infection is recommended.

**INVOICE**

11953

**DATE**

12.27.22



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.

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