



PATIENT

Yogi Navas

PRESENTING CLINICAL SIGNS

History of blood in urine, Hx of possible testicular neoplasia

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone and cystourethral junction exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

BREED

Silky Terrier

The prostate was mildly enlarged in size with intact, symmetrical capsule contour. The margins of the gland were intact and able to be differentiated from the surrounding tissue. The prostatic parenchyma was mildly echogenic to heteroechoic without parenchymal mineralization. The prostate measured 4.3 cm x 2.7 cm.

SEX

Male

No evidence of medial iliac or sublumbar lymphadenopathy.

AGE

11 Years

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pyelectasia was present. The left kidney measured 4.0 cm in length. The right kidney measured 5.0 cm in length. Pinpoint medullary mineral was present in the kidneys.

WEIGHT

17.9 Pounds

Adrenal Glands

The left adrenal gland as normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 1.8 cm length x 0.54 cm width in the caudal pole. No adrenomegaly or tumors noted.

INTERPRETED BY

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

No overt pathology in the area of the right adrenal gland.

IMAGING PERFORMED BY

Val Shumskaya

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

HOSPITAL NAME

Animal Paradise
Hospital

Liver

The liver exhibited subjective borderline to mild enlargement. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion.

REFERRING VET

Dr. Elshafie

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The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.

DATE

2/28/23

Gastrointestinal



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The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

Pancreas

BREED

Silky Terrier

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia. This change is consistent with age-related pancreatic changes and considered incidental.

SEX

Male

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

AGE

11 Years

Other

The left testicle was overtly normal in size, shape and echogenicity. The left testicle measured 2.1 cm in length. The right testicle appeared to be mildly larger than the left testicle, exhibiting potential for regional mild parenchyma heterogeneity yet maintained mediastinum testis and without definitive evidence of right testicular masses. The right testicle measured 2.6 cm in length.

WEIGHT

17.9 Pounds

ULTRASONOGRAPHIC FINDINGS

- Subjective nonspecific mildly enlarged right testicle compared to the left testicle
- Sonographically normal urinary bladder
- Benign prostatic hyperplasia- subjectively mild, unlikely potential for prostatitis. No evidence of prostate neoplastic criteria.
- Age-related kidneys- no evidence of pyelonephritis
- Borderline/mild hepatomegaly- subjectively benign
- Minor pancreatic remodeling

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Urine culture and sensitivity on sterile urine sample is recommended (if not done) to assess for underlying infection. Neutering or off-label Finasteride could be considered +/- FNA or prostatic wash for cytology +/- culture. However, sonographically, the appearance of the prostate is consistent with expected prostatic presentation for an intact male canine, without overt evidence of significant inflammatory or prostatic neoplastic criteria. Idiopathic renal hematuria could be a possible consideration in this patient. No overt evidence of upper or lower urinary tract or prostatic neoplastic criteria or cystic calculi.

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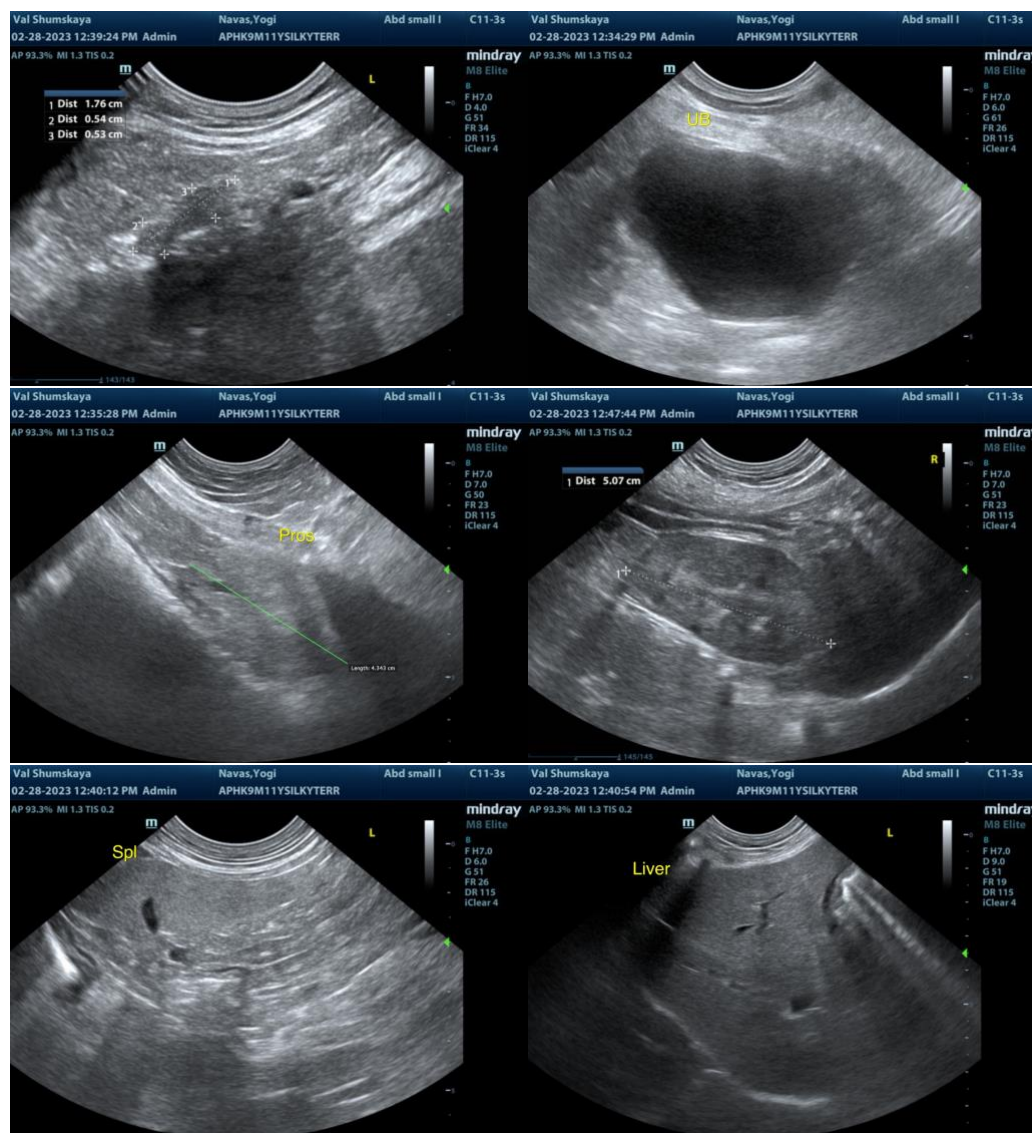
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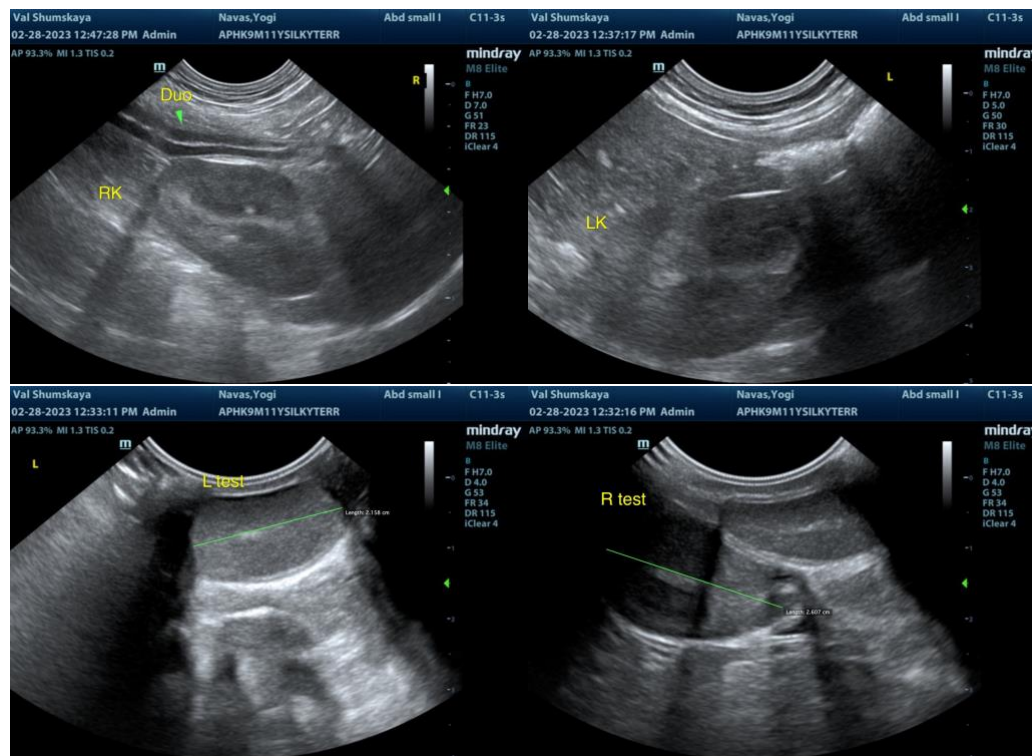
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
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