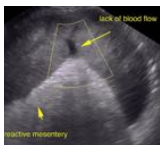
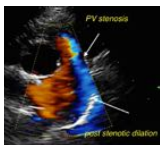
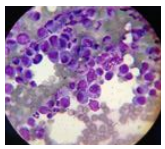
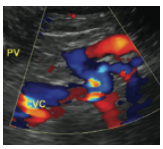
SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™

SonoPath.com™
1-800-838-4268 info@sonopath.com

PATIENT
Zeus Slater

SPECIES
Canine

BREED
Doberman Pinscher

SEX
Neutered male

AGE
6 years

WEIGHT
100 lbs

INTERPRETED BY
Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY
Dr. Brenner

HOSPITAL NAME
Riverside AC

REFERRING VET
Dr. Brenner

INVOICE
32295

DATE
8/10/22

PRESENTING CLINICAL SIGNS

History: July 22, 2022 10 days of whining, dribbling urine with blood. Treated Amoxicillin 200mg 2 BID for 7 days. August 8, 2022 hematuria recurred for 2 weeks.
Abnormal PE/Chem/CBC/UA Results: July 22, 2022 urinalysis USG 1.004, 1+ protein, pH 8, 1+rods, occasional WBC, 1+ RBC, rare shards of possible struvites, 1+ squamous cells. August 10, 2022 exam prostate unable to palpate cranial aspect, right seems larger than left, not painful. CBC normal. Chem normal, SDMA normal, Urinalysis USG 1.20, 2+ protein, pH 8, 3+WBC, 2+RBC, 1+ cocci, 2+ squamous epith cells.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction and appeared normal. 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 was noted. Ureteral papillae were normal.

The pre-prostatic urethra was unremarkable and measured 2.0 cm caudal to the cystourethral junction. However, the prostate was significantly enlarged and measured 4.0 cm. The cranial third of the prostate was visualized. The remainder of the prostate remained in the pelvic inlet.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 8.08 cm. The left kidney measured 8.68 cm.

Adrenal Glands

The left **adrenal glands** was visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 1.44 x 0.42 cm at the cranial pole and 0.5 cm at the caudal pole. The right adrenal gland was subnormal in size and measured 1.6 x 0.48 cm at the cranial pole and 0.28 cm at the caudal pole.

ULTRASONOGRAPHIC FINDINGS

Significantly enlarged prostate.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If this is a neutered male as reported then prostatic carcinoma is a strong potential. If the patient is intact then neutering and treatment for prostatitis would be warranted. Ultrasound-guided FNA or traumatic catheterization is indicated for further definition. Cytology and culture is recommended.

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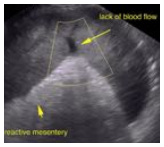
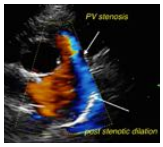
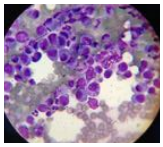
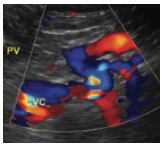

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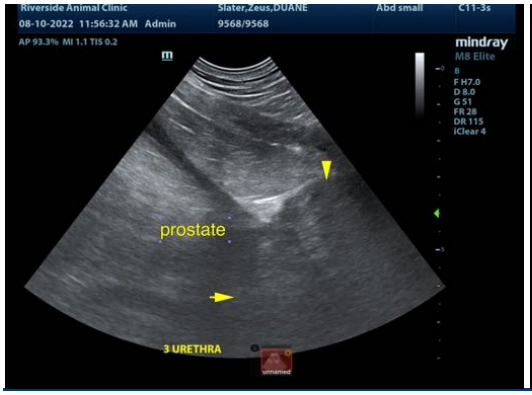

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
info@SonoPath.com