



PATIENT

Cahuna Ralls

SPECIES

Canine

BREED

German Shepherd

SEX

Intact Male

AGE

9 Years

WEIGHT

46 kg

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Anna Wepprich

HOSPITAL NAME

Wilvet Salem

REFERRING VET

Dr. Anna Wepprich

INVOICE

39596

DATE

7/17/22

PRESENTING CLINICAL SIGNS

At a boarding facility, staff noted pt dribbling urine with hematuria. No previous episodes of known hematuria. Painful abdomen - does not allow awake rectal. prostate palpates irregular when sedate. Abnormal PE/Chem/CBC/UA Results: CBC - wnl chem - wnl UA - USG >>1.050, dark brown urine with initial hematuria. RBC 50/hpf, 0-1wbc/hpf, suspect cocci.

LIMITED ULTRASONOGRAPHIC EXAMINATION

The **urinary bladder** and visible pelvic urethra were unremarkable for the level of repletion presented. The urine, however, did present some mildly echogenic debris consistent with mucous, exfoliated cells from renal or bladder origin, and/or blood clots as these echogenic changes can all present similarly. This is often related to urinary tract infection but may represent simple evidence of exfoliated debris or sterile inflammation. Cystocentesis, urinalysis, +/- culture would be recommended to rule out and define any UTI. The pelvic urethra was imaged 1.0 cm beyond the cystourethral junction.

The **prostate** was uniformly enlarged (5.0 cm) with lobar swelling appeared to impinge upon the urethra and mildly deviate the descending colon. The prostatic tissue was hyperechoic containing focal areas of decreased echogenicity. These changes are suggestive of either chronic inflammatory episodes, benign cystic pathology or both. Underlying neoplasia cannot be completely ruled-out but is lower on the differential list. This presentation is most consistent with benign prostatic hyperplasia with possible active prostatitis.

Testicles were imaged and found to be uniform.

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 7.0 cm. The left kidney measured 7.0 cm.

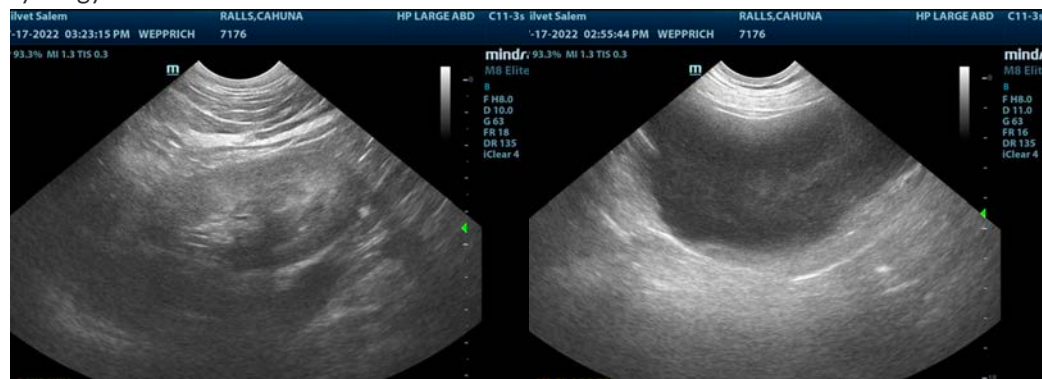
ULTRASONOGRAPHIC FINDINGS

- BPH prostate – some level of prostatitis likely.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Neutering should prove effective along with treatment for prostatitis. If neutering is absolutely not an option, a clinical trial off-label of the following could be considered.

Off-label Finasteride (Propecia) (0.1-0.5 mg/kg Sid) treatment is indicated +/- FNA or prostatic wash cytology and culture.





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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