



PATIENT PRESENTING CLINICAL SIGNS

Quinn Kruse
HISTORY: History of BPH, reassessment. Previous US noted an anechoic cyst on the dorsal medial aspect of the left lobe of the prostate (<1cm). Small drop of blood at first presentation, not clinical at the moment. Some WBC's noted during semen evaluation.

SPECIES
 Abnormal PE/Chem/CBC/UA Results:

Canine LIMITED ULTRASONOGRAPHIC EXAMINATION

BREED
 Belgian Shepherd
 Urinary bladder is moderately distended. It has a normal uniform wall thickness (<0.2 cm). Contents include primarily anechoic fluid combined with both gravity dependent and suspended echogenic non-shadowing debris within the fluid. No masses or cystoliths are observed. The trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

SEX
 Intact Male
 The prostate is moderately symmetrically enlarged, measuring 4.7 cm across in transverse view with smooth margins that are well differentiated from the surrounding tissue. Normal bilobed shape is maintained. The parenchyma is heterogenous with scattered hyperechoic foci present. Multifocal intraparenchymal cysts of varying sizes are noted, including the previously described small cyst in the left dorsal medial lobe. In the transverse view, there is a centrally located hypoechoic round structure measuring 1.0 cm x 1.3 cm, that is consistent with the prostatic urethra, however, an inflammatory nodule or abscess can't be ruled out.

ULTRASONOGRAPHIC FINDINGS

- WEIGHT**
 23 kg
- Urinary bladder sediment, most consistent with cellular or crystal urea
 - Heterogeneous benign prostatic hyperplasia with multifocal benign cysts and a centrally located hypoechoic region, most consistent with the prostatic urethra, however, an inflammatory nodule/abscess/neoplastic nodule can't be ruled out but are considered less likely

INTERPRETED BY

Beth Johnson, DVM
 DACVIM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommendations include a urinalysis and urine culture given the urinary bladder sediment and the reported frank blood upon exam. Submission of urine to look for BRAF gene mutation which is associated with urinary bladder and prostatic cancer could be considered, however, cancer is very unlikely given the normal symmetrical shape and intact capsule. Pending urine culture +/- BRAF results, recommendations include neutering of the patient if clients are interested in decreasing progression of clinical signs associated with benign prostatic hyperplasia.

IMAGING PERFORMED BY

Evan Bell

HOSPITAL NAME

Cedarview AH

REFERRING VET

Evan Bell

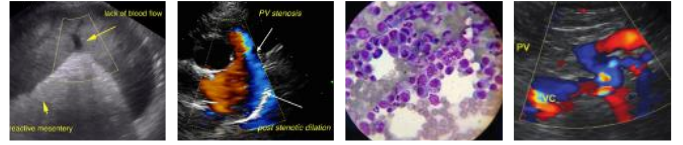
INVOICE

13262

DATE

9/24/21





PATIENT

Quinn Kruse

SPECIES

Canine

BREED

Belgian Shepherd

SEX

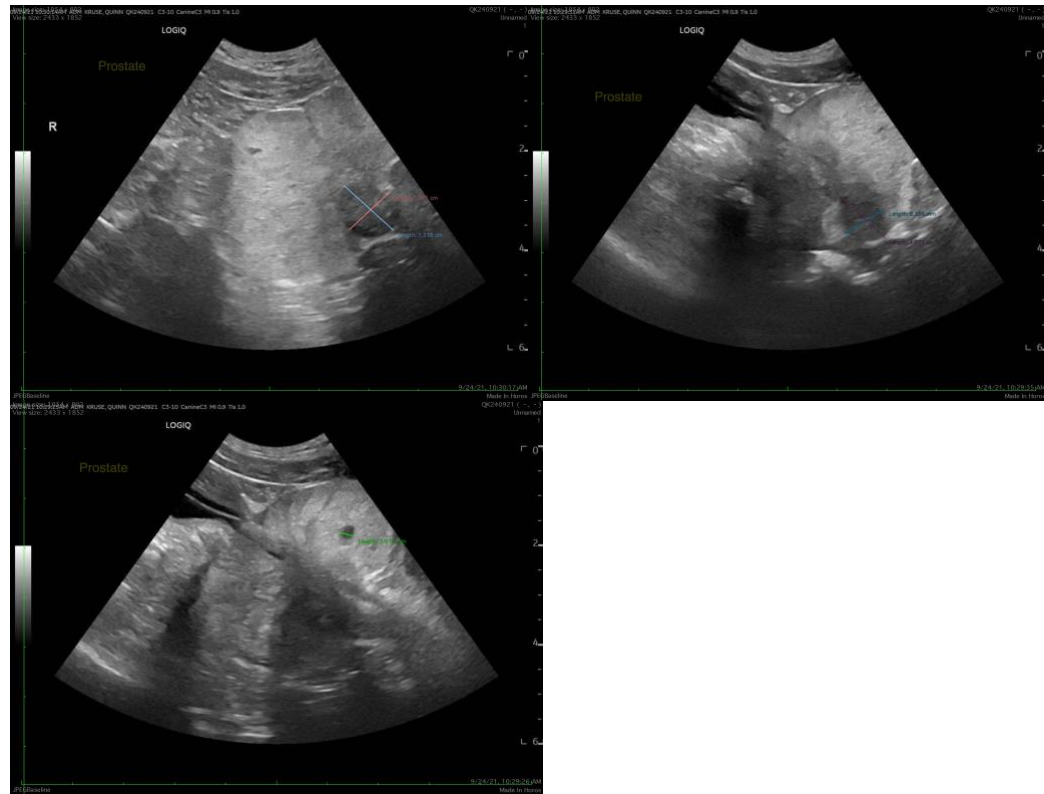
Intact Male

AGE

4 Years

WEIGHT

23 kg



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Beth Johnson, DVM
DACVIM

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.

Beth Johnson, DVM DACVIM

Beth.Johnson@SonoPath.com

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