



**DATE PRESENTING CLINICAL SIGNS**

3/28/23

Patient presented 3/18/23 for dribbling blood from penis. No improvement on course of Cephalexin. BW NSF. Patient presented again 3/28/23 for abdominal U/S. Testicles normal in size and have smooth structure. Prostate gland severely enlarged (7.2 cm x 4.7 cm), irregular, heteroechoic, and patchy. Traumatic catheterization technique used to sample prostate.

**INTERPRETED BY**

L.D. McGill, DVM, Ph.D,  
DACVP

**CYTOLOGY SUBMISSION**

Traumatic catheterization of the prostatic urethra

**OBSERVATIONS**

**PATIENT**

Kaos Wolfe

Traumatic catheterization of the prostatic urethra: Submitted are 16 excellent images of excellent collections of cells from the prostatic urethra in Kaos. The cellularity is proliferative throughout all of the images. There are large aggregates of epithelial cells in several images with small aggregates in others. There are scattered erythrocytes and inflammatory cells in the surrounding tissue. The epithelial cells demonstrate anisocytosis and anisokaryosis. The epithelial cells have slight vacuolization and clumped chromatin. There is a suggestion in one or two of the images of a mitotic figure.

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Traumatic catheterization of the prostatic urethra - Consistent with urothelial carcinoma of the prostate.

**BREED**

German Shepherd

**COMMENTS**

The cellularity in this collection strongly suggests a neoplastic process of the prostatic urethral epithelial tissue. This is the most common neoplastic process in the prostate in the dog. Prostatic carcinomas are not as common. This is why the collection process that you did in this case was successful. An unfavorable prognosis is warranted since these tumors do not respond well to therapy. Consultation with an oncologist may be beneficial for prolonging life in Kaos. Degeneration and necrosis are secondary.

**SEX**

Male

**AGE**

7y

**WEIGHT**

89 lb

**HOSPITAL NAME**

Central Veterinary  
Hospital

**REFERRING VET**

Dr. St. Sir

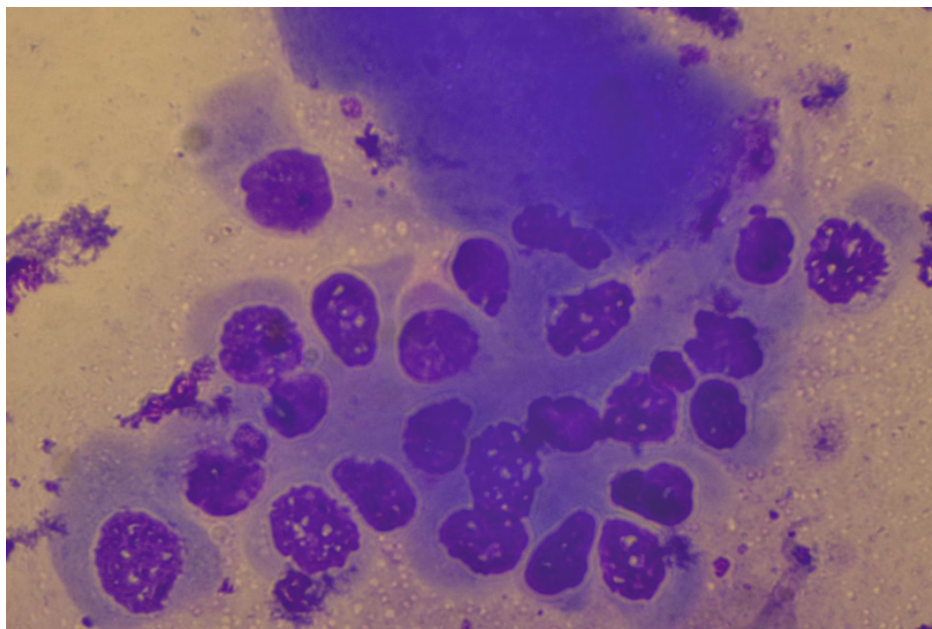


Image shows a group of tumor cells collected from the prostatic urethra in Kaos. Note the anisocytosis and anisokaryosis.

**INVOICE NUMBER**

924



**DATE** 3/28/23 **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.**

**INTERPRETED BY** L.D. McGill, DVM, Ph.D., DACVP **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.**

L.D. McGill, DVM, Ph.D., DACVP

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**PATIENT**

Kaos Wolfe

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