



DATE PRESENTING CLINICAL SIGNS

5/20/22

Straining to defecate for past 2 weeks. On exam, enlarged prostate can be palpated (pet is neutered). On abdominal ultrasound prostate is enlarged, 3.7cm, heteroechoic, cavitated. Sample was obtained via traumatic catheterization.

INTERPRETED BY CYTOLOGY SUBMISSION

Prostate

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

OBSERVATIONS

Prostate: Submitted are 4 excellent videos of moderate collections of cells from the prostatic region in King. There are aggregates of epithelial cells and individualized epithelial cells throughout the fields in the videos. These cells demonstrate anisocytosis and anisokaryosis. There is purple to blue lubricant in the background interspersed with RBCs. Inflammatory cells are few.

PATIENT

King White

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Prostate - Consistent with urothelial cell carcinoma of the prostate.

SPECIES

Canine

COMMENTS

In this excellent collection from the prostate, there are lots of cells supporting urothelial cell or transitional cell carcinoma of the prostatic urethra. This is the most common prostatic tumor in the dog. You have collected a good number of cells and this is a great technique for getting good cellularity from the prostate. The lubricant is interfering slightly but not enough to rule out the diagnosis. This cellularity is not as aggressive as I have seen in other cases but it still fits neoplasia in my opinion. A long term unfavorable prognosis is warranted but King may respond to palliative therapy in the near future.

BREED

Terrier Mix

SEX

Male Neutered

AGE

15y

WEIGHT

46.2

HOSPITAL NAME

Rotterdam Veterinary
Hospital

REFERRING VET

Dr. St Sir

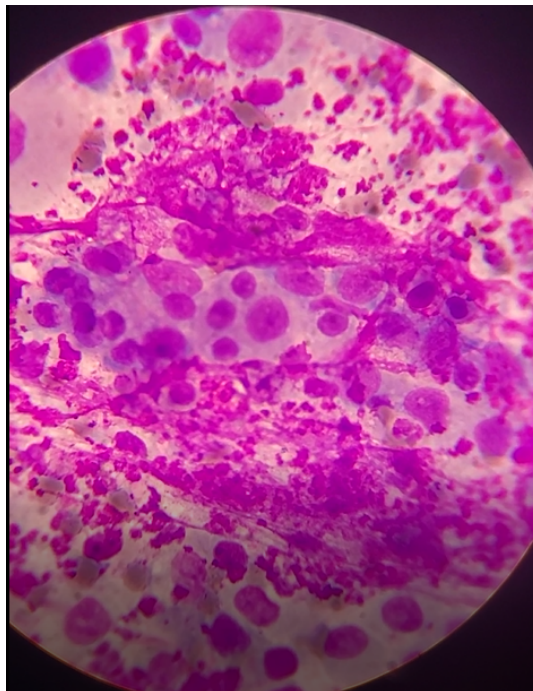


Image shows some of the urothelial cells collected from King. Note the anisocytosis and anisokaryosis in these cells. The purple background is lubricant.

INVOICE NUMBER

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DATE 5/20/22 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

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

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