



DATE PRESENTING CLINICAL SIGNS

7/28/23

Not eating or drinking for 1 week. Vestibular symptoms. On abdominal ultrasound, prostate is very enlarged, irregular, hyperechoic, with several anechoic areas. Bladder contains very large amount of dense hyperechoic sediment. Both testicles are in scrotum, appears normal.

INTERPRETED BY

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

CYTOLOGY SUBMISSION
Cytology

OBSERVATIONS

PATIENT

Shadow Thompson

Urethral collection: Submitted are 4 excellent videos of excellent collections of cells from the urethral tract in Shadow. The cellularity is almost entirely epithelial cells that are clumped. These cells demonstrate prominent anisocytosis and anisocytosis. There are scattered cells that suggest mitotic figures. Erythrocytes are present in the surrounding fluid. Malignant characteristics are suggested in these cells.

SPECIES

Canine

BREED

Border Collie X

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
Urethral collection - Characteristic of urothelial carcinoma.

COMMENTS

SEX

Male

AGE

14yrs

WEIGHT

48lbs

The cellularity is rather strongly characteristic of a carcinoma and urothelial cell carcinoma is the most common diagnosis in the prostate of the dog. Other types of neoplasia are present but this is most common. With the excellent collection from this type of procedure, this diagnosis is strongly supported. Neutering Shadow will not be of benefit with this particular tumor. Other types of therapy can be attempted but an unfavorable prognosis is expected in the long run. As you may well know, these particular tumors do not respond well to chemotherapy although radiation therapy has been shown to be of benefit particularly when it is directed at the neoplastic process. Consultation with an oncologist may be beneficial.

HOSPITAL NAME

Rotterdam Veterinary
Hospital

REFERRING VET

Dr. Anna St. Sir

INVOICE NUMBER

803



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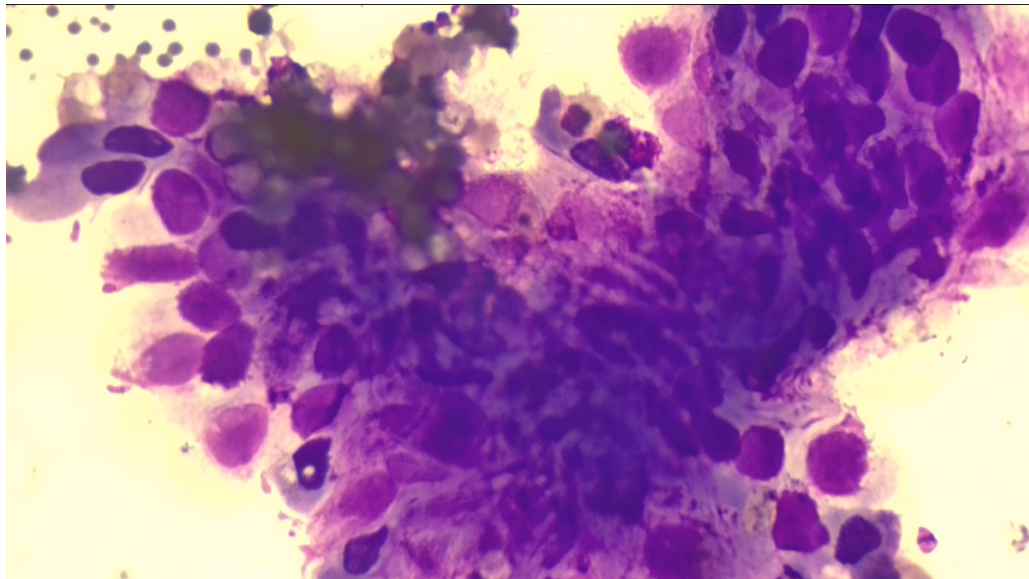


Image shows a group of epithelial cells collected from the prostatic area in Shadow. There are several cells in this aggregate that suggest the possibility of early mitotic figures.

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.

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