



DATE **PRESENTING CLINICAL SIGNS**
12/6/21 Blood in urine. Enlarged prostate with calcification. R/O carc.

INTERPRETED BY **CYTOLOGY SUBMISSION**
L.D. McGill, DVM, Ph.D, DACVP FNA of Prostatic region

PATIENT **OBSERVATIONS**
Bubblegum Barron Prostatic region: Submitted our 2 excellent videos of excellent collections and staining of cells collected from the prostatic urethral region in Bubblegum. The cellularity is moderate throughout all of these excellent videos. The cells are particularly well stained. There is anisocytosis and anisokaryosis throughout the cells in these videos. In some areas the cells are clumped. There were some structures suggesting mitotic figures.

SPECIES **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**
Canine Prosthetic region - Excellent collection of irregular cells consistent with urothelial carcinoma.

BREED **COMMENTS**
pit/x You are correct that these are excellent stained cells. They are demonstrating quite extensive variation. Some of the fields had more variation than others. The cellularity is most consistent with urothelial cells from the urethra. This is a common tumor in the prostate in the dog. This is one of the reasons why canine prostatic tumors are not good animal models for human prostate cancer. An unfavorable prognosis is expected in my opinion. You may know of some therapy which might prolong the life of Bubblegum.

SEX
Male Neutered

AGE
9Y

WEIGHT Image shows cells collected from the prostatic region in Bubblegum. The excellently stained cells show anisocytosis and anisokaryosis including the very large nucleus in the upper right.
65#

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.

HOSPITAL NAME
Bayshore Veterinary Hospital

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.

REFERRING VET
Dr. Tim Hunt
L.D. McGill, DVM, Ph.D., DACVP
8288 Top of the World Drive
Cottonwood Heights, UT 84121
ldmcgill.vetpath@gmail.com
cell: 801-865-1220

INVOICE NUMBER
70428



DATE

12/6/21

INTERPRETED BY

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

PATIENT

Bubblegum Barron

SPECIES

Canine

BREED

pit/x

SEX

Male Neutered

AGE

9Y

WEIGHT

65#

HOSPITAL NAME

Bayshore Veterinary
Hospital

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