



DATE PRESENTING CLINICAL SIGNS

10/4/22

Severe, persistent hematuria and enlarged prostate. Neutered male. No response to antibiotics. PE: enlarged prostate palpable on rectal exam, sensitive on deep abdominal palpation. Frank blood on prepuce/tip of penis.

UA (9/20/22): SG 1.015 Prot 500, Blood 250, RBC>50/HPF.

INTERPRETED BY

AUS: prostatomegaly, heterogenous and irregular. Mild iliac lymphadenopathy.

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

CYTOLOGY SUBMISSION

Prostate

PATIENT

Mr. Mojo Mercer

OBSERVATIONS

Prostate: Submitted are 5 excellent videos of excellent collections of cells from the prostate in Mr. Mojo. The cellularity is rather uniform throughout many of the videos with scattered inflammatory cells in the surrounding red blood cells. The inflammatory cells are neutrophils. The uniform cells are epithelial cells that are quite large and irregular with slightly eccentric nuclei. There is prominent anisocytosis and anisokaryosis. Mitotic figures are readily identified. The inflammation is mild and secondary.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Prostate - Consistent with urothelial (transitional cell) carcinoma of the prosthetic region.

BREED

Beagle

COMMENTS

The cellularity is characteristic of a carcinoma. The most common carcinoma in the prostate in the dog is the urothelial carcinoma. The cellularity strongly supports that type of carcinoma in this collection from Mr. Mojo. There is no question that this is a carcinoma. An unfavorable prognosis is warranted with this type of carcinoma. Some of these dogs will respond to chemotherapy for a period of time but in the long run an unfavorable prognosis is expected. Very likely there are metastatic sites to the internal iliac lymph node. A follow-up biopsy will likely confirm this diagnosis but that may not be necessary.

SEX

Male Neutered

AGE

8y

WEIGHT

53 lbs

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Omark

INVOICE NUMBER

818



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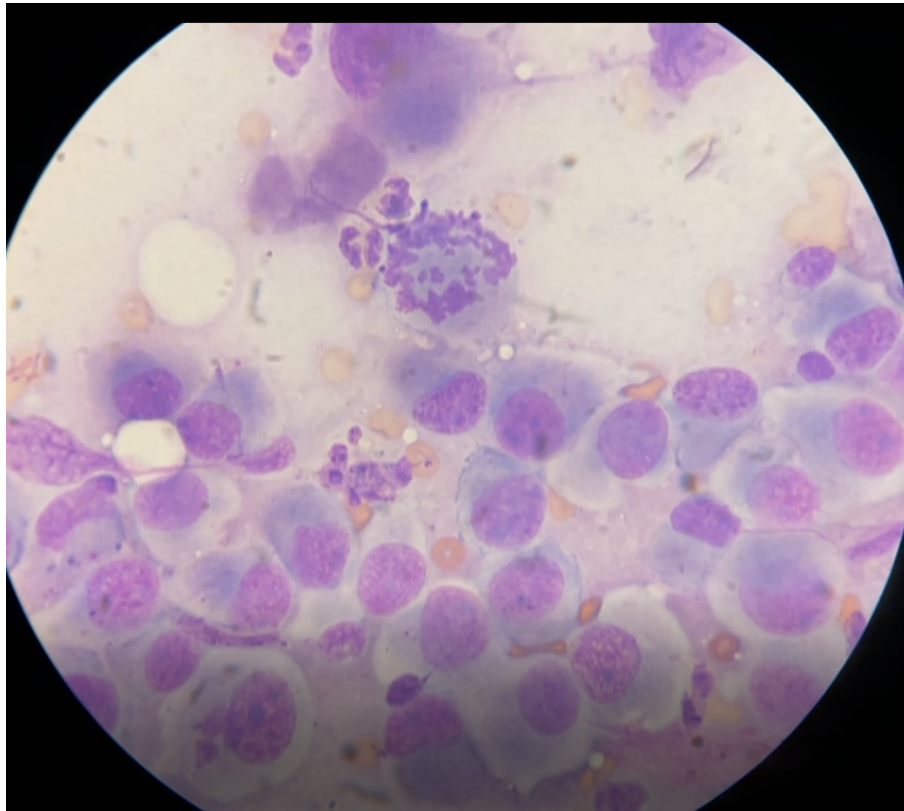


Image shows carcinoma cells with a mitotic figure in the upper central region of the image of the cells collected from the prostate in Mr. Mojo. Note the anisokaryosis and anisocytosis.

AGE

8y

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.

WEIGHT

53 lbs

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.

HOSPITAL NAME

Scanvet

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