



PATIENT

Georgia Striss

SPECIES

Canine

BREED

Miniature Schnauzer

SEX

Spayed female

AGE

4 years

WEIGHT

13.2 lbs

INTERPRETED BY

Dr. Lawrence McGill,
DVM, Ph.D., Diplomate,
ACVP

IMAGING PERFORMED BY

Erin, LVT

HOSPITAL NAME

Rotterdam VH

REFERRING VET

Dr. Kopa

INVOICE

68348

DATE

11/5/25

PRESENTING CLINICAL SIGNS

History: History of UTI- treated with 7 days of Amoxicillin. Patient came in for recheck U/A, only symptom is p has been licking vulva. Urine collected by U/S guided cystocentesis. No bacteria seen in urine but several clumps of suspicious cells.

CYTOLOGY SUBMISSION

Urine sample was submitted

OBSERVATIONS

Urine collection: Submitted are 6 very good images of cells collected from the urine by cystocentesis from Georgia. The cellularity demonstrates large clumps of cells in several images with smaller clumps in others. Where the cells can be evaluated, there is slight anisokaryosis and prominent anisocytosis. There is minimal inflammation. Marked malignant characteristics are not confirmed.

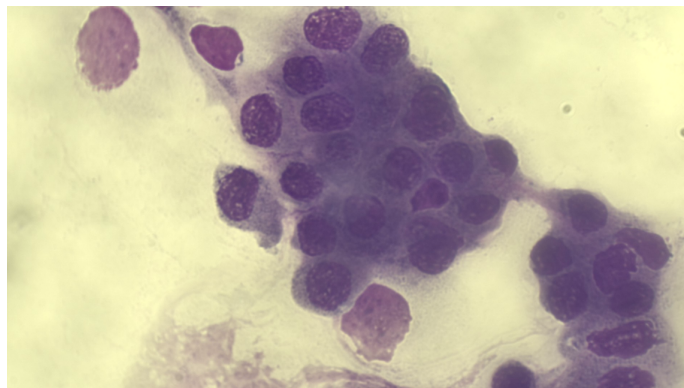
INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Urine collection - Good epithelial cell collection consistent with hyperplasia or possible early neoplasia.

COMMENTS

The cellularity is suggesting at least hyperplasia of these epithelial cells. There could be very early neoplasia but more than likely this is a hyperplastic cellular process. Continued monitoring or exploration of the urinary bladder is encouraged. Since there is a history of potential chronic irritation, this could result in hyperplasia of the epithelium. The cellularity at this time is not atypical enough to make that diagnosis of urothelial carcinoma but neither can I rule out the possibility of an early urothelial carcinoma. I suspect that exploratory evaluation of the urinary bladder will be required to confirm what may be occurring there. A guarded prognosis is warranted since the cellularity is nonspecific and there is minimal inflammation. There is definite evidence of at least hyperplasia of the epithelium.

CYTOLOGY IMAGE



This is an image of cells submitted from the urine collected from Georgia. Note the slight irregularity of the nuclei but this pleomorphism is not as severe as expected in malignancy.



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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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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