



DATE PRESENTING CLINICAL SIGNS

8/8/22

Patient presented 8/5/22 with bloody vaginal discharge and was ADR. Patient had pyometra, OVH was performed. Mammary mass noted, R second caudal mammary mass ~ 4 mm squared. Present for unknown amount of time.

INTERPRETED BY

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

CYTOLOGY SUBMISSION

FNA of Mammary region

PATIENT

Princess Jackson

OBSERVATIONS

Mammary region: Submitted are 15 images collected from the mammary gland lesion on Princess. There is moderate cellularity throughout all of the images. The cellularity is mixed with scattered spindle cells and prominent macrophages. Many of the macrophages have granular material in the cytoplasm or vacuolated cytoplasm. There are scattered neutrophils in a few fields. Some of the cells are degenerate. There are no characteristics of malignancy.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Mammary region aspirate - Pyogranulomatous inflammation with scattered necrotic cells and granulation tissue

BREED

Yorkie mix

COMMENTS

The submitted images of cells collected from Princess suggest the likelihood of a localized chronic inflammatory process. I was unable to identify any suggestion of malignancy in the collection. The changes support a chronic inflammatory process with fibrosis. This could be due to a foreign body penetration, a localized area of mastitis or possibly an internal area of chronic inflammation in a neoplastic process. Treatment with anti-inflammatory products is encouraged with a follow-up biopsy if there is no improvement in this enlargement. If the lesion continues to enlarge, then excision of the mass is encouraged. With the cells identified in these smears I am most concerned about the possibility of a localized chronic inflammatory process.

SEX

female - intact

AGE

11y

WEIGHT

17.8 lb

HOSPITAL NAME

Central Veterinary
Hospital

REFERRING VET

Dr. Michel Hardaker

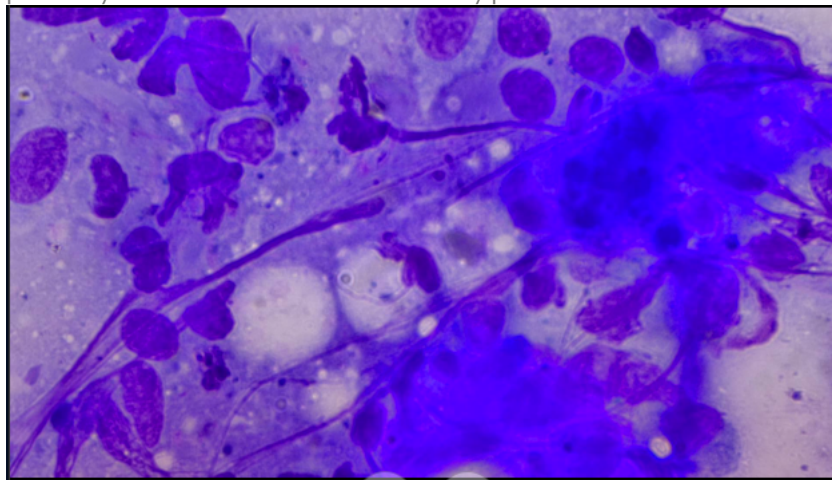


Image shows a group of cells collected from the mammary region on Princess. Most of the cells are macrophages. The hazy bluish material is unidentifiable.

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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.

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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.

PATIENT

Princess Jackson

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