



PATIENT

Sky Neiles

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

9 Years

WEIGHT

11.8 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Emily Janssen & Nick
Pizzemento

HOSPITAL NAME

Central Veterinary
Hospital

REFERRING VET

Dr. Rachel Hennings

INVOICE

15930

DATE

05/07/26

PRESENTING CLINICAL SIGNS

Older cat, spayed later in life. FNA taken of mammary masses

CYTOLOGY SUBMISSION

FNA of the mammary masses was submitted.

OBSERVATIONS

Mammary masses: Submitted are 23 images and videos of cells collected from the mammary masses on Sky. There are large aggregates of epithelial cells in almost all of the images and videos. These epithelial cells demonstrate prominent anisocytosis and anisokaryosis. Mitotic figures are identified. In some of the images and videos there are aggregates of neutrophils and macrophages associated with these irregular epithelial cells. Occasionally there appear to be individualized epithelial cells that are neoplastic scattered throughout.

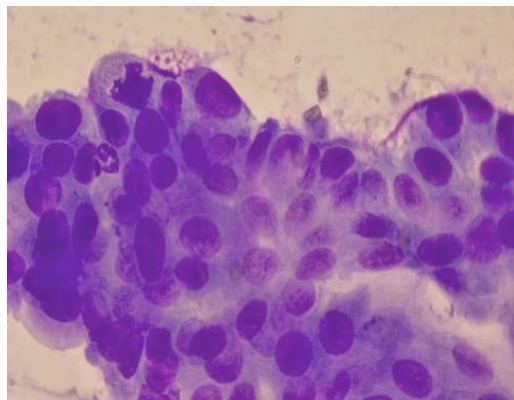
INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Mammary masses - Feline mammary carcinoma.

COMMENTS

The collection in this submission is essentially diagnostic for mammary carcinoma in the cat. They may be multiple, or they could be metastatic. Prior to any surgical intervention in the mammary gland tissue, the pulmonary tissue should be evaluated for metastatic sites. This type of neoplastic process may metastasize rather rapidly and early. A guarded to unfavorable prognosis is warranted in my opinion since this appears to be a rather aggressive mammary carcinoma. Consultation with an oncologist may be beneficial.

CYTOLOGY IMAGE



This is an image of a group of mammary carcinoma cells collected from the mammary gland region on Sky. Note the mitotic figure in the upper left with prominent anisokaryosis throughout this aggregation of cells.



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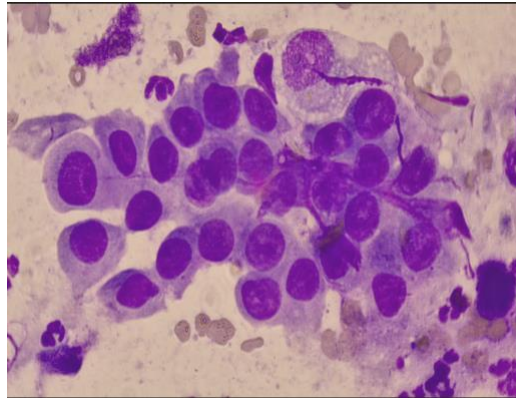
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This is another image of mammary gland carcinoma cells collected from Sky. Note the inflammatory cells surrounding this collection with a macrophage in the upper center and prominent anisokaryosis.

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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