



DATE PRESENTING CLINICAL SIGNS

4/19/23

Newly found mass aspirated, located in right submandibular region. Firm, moveable, about 1/2cm x 1cm. Gingival growth about upper right carnassial, growth was removed and submitted for histopathology. Results are pending.

INTERPRETED BY

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

CYTOLOGY SUBMISSION

Submandibular mass

OBSERVATIONS

Submandibular mass: Submitted are 6 excellent videos of cells collected from the submandibular mass on Raven. There are massive numbers of cells in all of the collections. Scattered lymphocytes are identified and rare neutrophils are present but there is a population of cells with rounded to elongated nuclei that have feathered chromatin. Nucleoli are not prominent in most of these cells. Occasionally there are granules identified in some of the cells. There was one video that demonstrated one cell that had large numbers of granules. Those granules were irregular in some of the other videos. The granular material suggested the possibility of melanin.

PATIENT

Raven Kusalonis

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Submandibular mass - Suggestive of metastatic amelanotic malignant melanoma.

BREED

Yorkie

COMMENTS

The cellularity is not specific but strongly suggestive of a poorly differentiated amelanotic malignant melanoma. The melanin pigment is minimal. This can occur in amelanotic malignant melanomas. The nuclear characteristics in most of the cells were not suggestive of lymphoma and thus I was thinking about other types of cells and eventually pigment showed up. The cells do not have the appearance of carcinoma cells. At this time I am most concerned about a metastatic amelanotic malignant melanoma. This may or may not be confirmed by the biopsy sample. If the biopsy supports this diagnosis, then an unfavorable prognosis is warranted. Evaluation for further metastatic sites including pulmonary metastatic sites is encouraged.

AGE

14y

WEIGHT

9.9

HOSPITAL NAME

Rotterdam Veterinary
Hospital

REFERRING VET

Dr. St. Sir

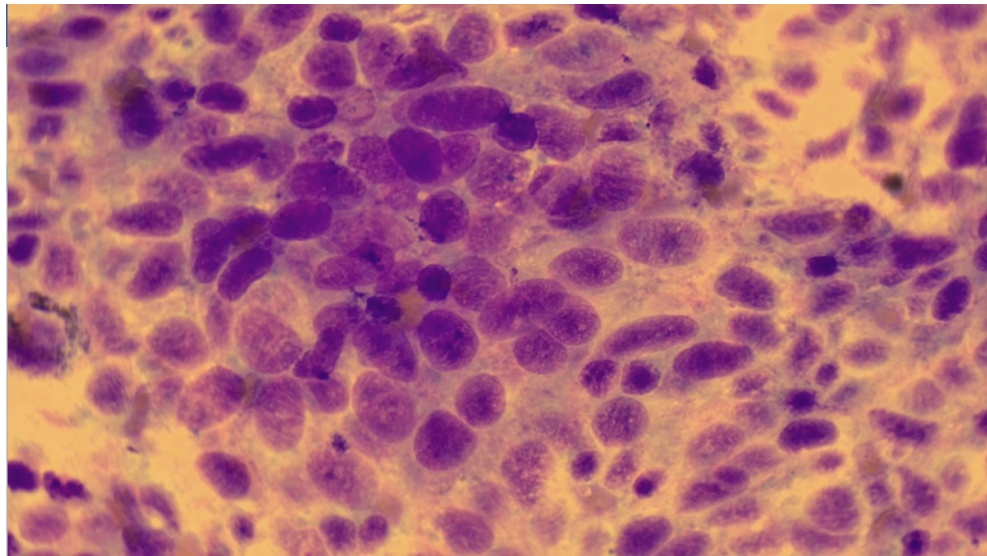


Image shows a group of neoplastic cells interspersed with scattered lymphocytes collected from the submandibular mass on Raven. There is a cell on the left with prominent melanin granules.

INVOICE NUMBER

935



DATE

4/19/23

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.

INTERPRETED BY

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

Raven Kusalonis

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

SPECIES

Canine

BREED

Yorkie

SEX

SF

AGE

14y

WEIGHT

9.9

HOSPITAL NAME

Rotterdam Veterinary
Hospital

REFERRING VET

Dr. St. Sir

INVOICE NUMBER

935