



DATE PRESENTING CLINICAL SIGNS

1/24/23

Hx of growing mass of R buccal mucosa invading into cheek. 11-3-22 mass was 2-3 cm. Soft ball sized, lobulated looking tissue. Was treated with clindamycin and reduced in size 30%

INTERPRETED BY

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

CYTOLOGY SUBMISSION

FNA of Dermal

PATIENT

Shelby Lorson

OBSERVATIONS

Buccal mucosal mass: Submitted are 17 excellent images of cells collected from the buccal mass in Shelby. The cellularity is mixed with the majority of the cells being round cells. The round cells have large nuclei that are 2 to 4 times the size of red blood cells with minimal cytoplasm. These cells appear to be lymphoid cells. Nucleoli are present and irregular. Occasional cells suggest multi nucleated cells. There are scattered eosinophils in the collection and there is a background of granularity. There are a few macrophages in the collection and some irregular cellularity. The concern is the large numbers of irregular lymphoid cells.

SPECIES

CA

BREED

labrador

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Buccal mucosal mass - Suggestive of high grade lymphoma with secondary inflammation.

SEX

FS

COMMENTS

The cellularity strongly suggests the likelihood of a high-grade lymphoma at this location. Due to this cellularity, further evaluation of other internal organs and lymph nodes in Shelby should be undertaken. Further confirmation of this diagnosis will require a follow-up biopsy. There is some inflammation which could be secondary or primary, but the lymphoid cells are showing atypia causing concern about the presence of lymphoma. If chemotherapy is contemplated, then immunophenotyping of the cells to confirm the specific cell type may be beneficial for prognosis. The slides may be submitted for PARR testing or new slides that are not stained can be submitted for immunocytochemistry staining. Flow cytometry can be beneficial but will require a repeat collection of cells prior to submission to the laboratory. Contacting the laboratory to confirm how to submit flow cytometry samples is encouraged. A guarded to unfavorable prognosis is warranted with some of the cellularity in this collection.

AGE

14

WEIGHT

67

HOSPITAL NAME

Torch Lake Veterinary
Clinic

REFERRING VET

Dr. Adrienne Waffle

INVOICE NUMBER

40648



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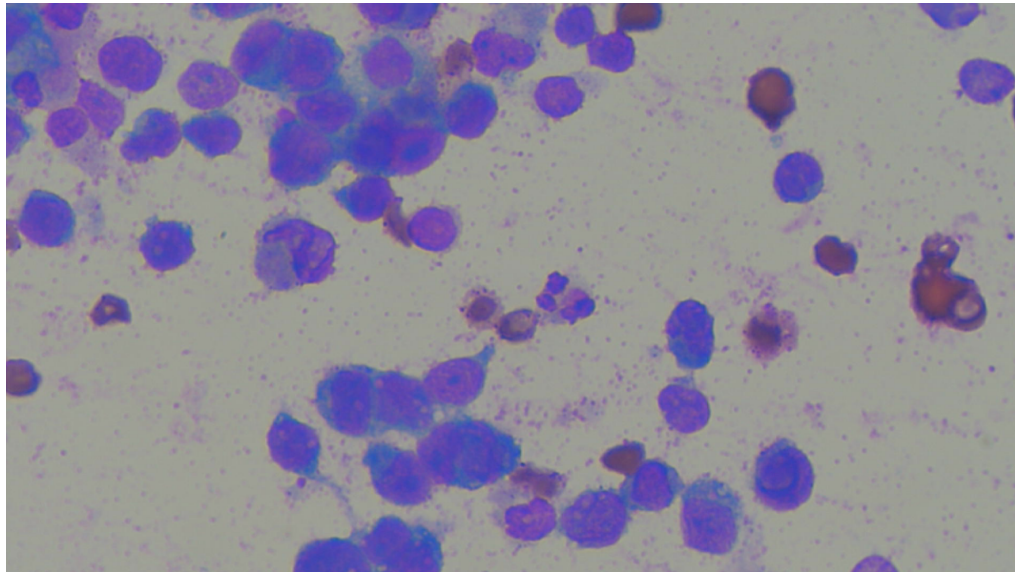


Image shows round cells that have the appearance of irregular lymphoid cells that have been collected from the buccal mucosal lesion on Shelby. Note the nucleoli are irregular.

BREED

labrador

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.

SEX

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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.

AGE

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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

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