



**DATE PRESENTING CLINICAL SIGNS**

2/21/22

Wbcs in anterior chambers, enlarged submandibular ln

**CYTOLOGY SUBMISSION**

Lymph node

**INTERPRETED BY**

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

**OBSERVATIONS**

Lymph node: Submitted are 3 very good videos of excellent collections of cells from the lymph node in Lacy. At least two of the videos have large numbers of uniform lymphoid cells. These cells have prominent nucleoli. There are mitotic figures scattered throughout. There are a very few small lymphocytes and scattered extremely large irregular lymphoid cells. The nucleoli are pleomorphic in the irregular nuclei. One of the videos has fewer cells than the other two.

**PATIENT**

Lacy Wirth

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Lymph node - Consistent with high grade lymphoma

**SPECIES**

Canine

**COMMENTS**

With this excellent collection of cells from Lacy, there are large numbers of cells that are extremely uniform in size and shape and they are lymphoid cells. Uniformity in lymphoid cells strongly supports lymphoma. With the prominent nucleoli, this also supports lymphoma. Mitotic figures are readily identified in several fields. Your clinical history of cells in the eye also is consistent with lymphoma. If chemotherapy is contemplated, immunophenotyping of the cells in this collection may be beneficial to identify cell type. This information may contribute to the prognosis. These slides may be submitted for PARR testing or biopsy and immunohistochemistry staining can be undertaken. Re-collection for flow cytometry evaluation will be required if that testing is desired. You may wish to contact the laboratory to confirm the sample required for flow cytometry. An unfavorable prognosis is expected in my opinion.

**BREED**

Great Dane

**SEX**

Female

**AGE**

5y

**WEIGHT**

144lbs

**HOSPITAL NAME**

Bayshore Veterinary  
Hospital

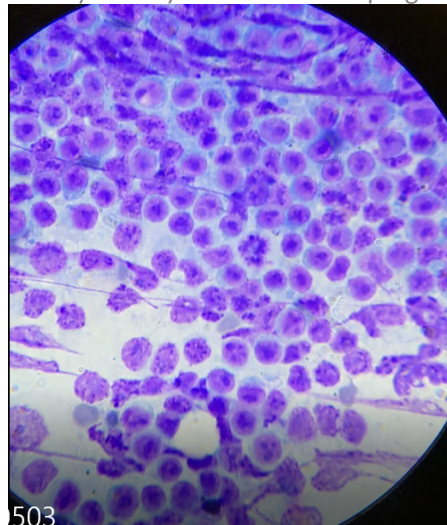


Image shows the uniform larger lymphoid cells collected from the lymph node in Lacy. Note the mitotic figure in the center. Scattered nuclei are smudged.

**REFERRING VET**

Dr. Hunt

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.

**INVOICE NUMBER**

676



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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.

**INTERPRETED BY**

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

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