



**DATE PRESENTING CLINICAL SIGNS**

9/29/22 Enlarged submandibular lns

**CYTOLOGY SUBMISSION**  
Submandibular Lymph Node

**INTERPRETED BY**

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

**OBSERVATIONS**

Submandibular lymph node: Submitted are 2 excellent videos of minimal nucleated cellular collections with large numbers of red blood cells collected from the submandibular lymph node in Layla. There are scattered small lymphoid cells with nuclei that are approximately the size of red blood cells. A few of these cells have larger nuclei. There are reactive lymphoid cells and there are scattered neutrophils. There are cells that suggest macrophages. Smudge nuclear debris is readily identified. Malignant characteristics are not identified.

**PATIENT**

Layla Ward

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Submandibular lymph node - Minimal nucleated cellularity suggesting chronic suppurative lymphadenitis and reactive lymphoid tissue.

**SPECIES**

Canine

**COMMENTS**

The cellularity is most characteristic of a reactive lymph node with inflammation draining to the node. This inflammation could be from any location over the head or neck region. I did not identify adequate criteria for malignancy to suggest that diagnosis. Submandibular lymph nodes require more criteria for malignancy than other nodes since they are extremely reactive to what is occurring in the head and neck region. All of this cellularity is most characteristic of an inflammatory response draining to the node. Treatment for inflammation and evaluation for other sources of inflammation in the head or neck region is encouraged. When systemic lymphomas are suspected, the submandibular lymph node would be the last lymph node that I would encourage to be evaluated. With what we have on these slides, a good prognosis is possible.

**BREED**

Pomeranian

**SEX**

Fa

**AGE**

6

**WEIGHT**

14

**HOSPITAL NAME**

Bayshore Veterinary  
Hospital

**REFERRING VET**

Dr. Hunt

**INVOICE NUMBER**

815

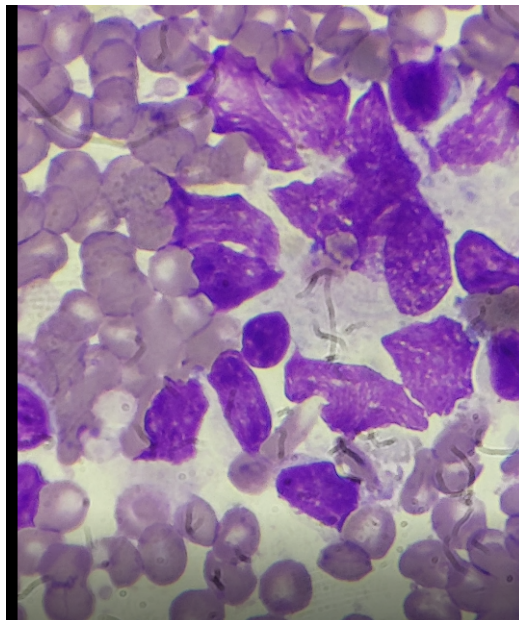


Image shows large numbers of RBCs with small lymphocytes and smudged nuclei of other lymphoid cells collected from Layla. There may be a couple of macrophages present.



**DATE** 9/29/22 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.

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

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