



**DATE PRESENTING CLINICAL SIGNS**

10/6/2021 Lumps on side of neck.

**CYTOLOGY SUBMISSION**

FNA of submandibular lymph node.

**INTERPRETED BY**

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

**OBSERVATIONS**

Submandibular lymph node: Submitted are 2 excellent videos of large numbers of cells collected from the submandibular lymph node in Key. There is a uniform cellularity throughout the collection which includes round nuclei with prominent nucleoli. Many of the cells have minimal cytoplasm. Other cells are smudged. There are scattered neutrophils throughout the collection. Atypical lymphoid cells are not prominent.

**PATIENT**

Key Cramer

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Submandibular lymph node - Large numbers of uniform small to intermediate lymphocytes suggesting reactive lymph nodes with mild suppurative inflammation.

**SPECIES**

Feline

**COMMENTS**

The lymphoid cells throughout this collection suggest the likelihood of some type of reactive lymphoid tissue. I did not know the age of the cat previously but with this type of change, lymphocytic hyperplasia of the lymph node of the young cat can be considered. This is a nonspecific change in many young cats usually less than two or three years that will have reactive lymphoid tissue but it will not be neoplastic. From information I have learned in the past, these changes are not expected to become neoplastic. I spent some time looking at the nuclei and considered the possibility of a thyroid proliferative process but the nuclei are not characteristic of that type of cellularity and I would be surprised with that type of change in the young cat. Excision and biopsy of the node can be submitted but it may be a better idea to monitor the lymph node areas for the next 4 to 6 months. They may regress spontaneously. I am assuming the cat is FeLV and FIV negative.

**BREED**

DSH

**SEX**

Male neutered

**AGE**

10-year-old

**WEIGHT**

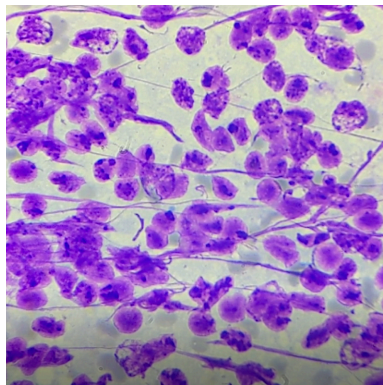
10 lbs

**HOSPITAL NAME**

Bayshore VH

**REFERRING VET**

Dr. Tim 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.



**DATE** 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.

10/6/2021

**INTERPRETED BY** **L.D. McGill, DVM, Ph.D., DACVP**  
8288 Top of the World Drive  
Cottonwood Heights, UT 84121  
L.D. McGill, DVM,  
Ph.D, DACVP  
ldmcgill.vetpath@gmail.com  
cell: 801-865-1220

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