

**DATE PRESENTING CLINICAL SIGNS**

5/19/22

History: History: Vomiting and Diarrhea for ~1 month, weight loss, inappetence  
Abnormal PE/Chem/CBC/UA Results: CBC wnl Chems: SDMA 23 (0-14) Creat: 1.2 (0.9-2.3) BUN:  
38 (16-37) TP: 5.7 (6.3-8.8) Lipase: 81 (0-45) UA: Spec Grav: 1.051 TT4 wnl A: Dehydration with  
good urine concentration. Suspect GI protein loss Current Medications Vit B-12 injections,  
Methylprednisolone injections

**INTERPRETED BY**

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

**ULTRASONOGRAPHIC EXAMINATION**

**CYTOLOGY SUBMISSION**

FNA of Lymph node

**PATIENT**

Romeo Oldham

**OBSERVATIONS**

Lymph node: Submitted are 4 excellent videos of excellent collections of cells from the mesenteric lymph node in Romeo. The cellularity consists almost entirely of round cells. Many of the round cells are quite large with large nuclei that are 6 to 8 times the size of red blood cells. These nuclei have prominent nucleoli. Mitotic figures are identified. There are scattered neutrophils, eosinophils and macrophages in the collection. A few small lymphocytes are identified. A large number of lymphoid cells are large and atypical.

**SPECIES**

Feline

**BREED**

DSH

**IIINTERPRETATION:**

Lymph node - Consistent with high grade lymphoma.

**SEX**

Male Neutered

**COMMENTS**

The cellularity is strongly suggestive of a high-grade lymphoma in this collection. The majority of the cells are prominent atypical lymphoid cells with large nuclei and irregular nucleoli. Occasional cells have multiple nucleoli. There is some mild inflammation, but the number of atypical cells strongly supports a lymphoma in this collection. In my experience when intestinal lymphoma is present, the regional lymph nodes may not be involved but in this case, it appears that it has been involved and I suspect that the intestine is involved as well. Immunophenotyping these cells may be beneficial if chemotherapy is contemplated. An unfavorable prognosis is warranted, in my opinion.

**AGE**

16y

**WEIGHT**

10 lbs

**HOSPITAL NAME**

Willakenzie Animal  
Clinic

**REFERRING VET**

Dr. Kairis

**INVOICE NUMBER**

40524



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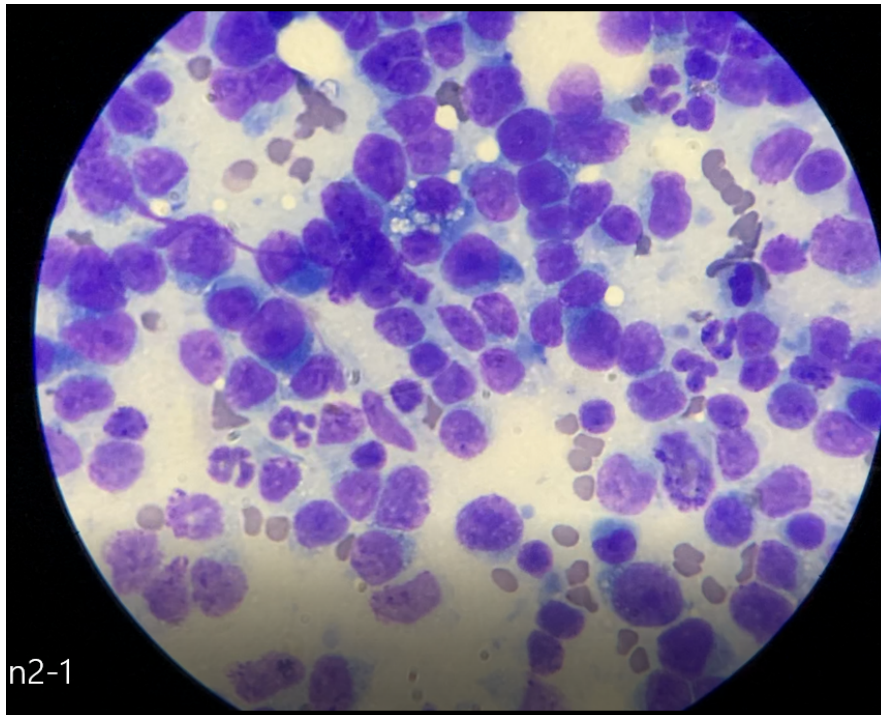


Image shows a representative collection of cells from Romeo. There appear to be irregular mitotic figures in this field. Note the prominent nucleoli and the large size of the lymphoid cells compared to the neutrophils and small lymphocytes.

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.

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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