



**DATE PRESENTING CLINICAL SIGNS**

4/18/22

Presented on ER Friday evening 4/15 for profound lethargy for 2 days; had vomited day before then been inappetent since. Indoor only cat, no history health issues at all, no changes to management.

**INTERPRETED BY**

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

Febrile temp 105 on presentation; Her lab work only reflected dehydration and otherwise was normal. We supported through weekend with IV fluids, GI support, abx. Fever is resolved but nausea continues despite support. Recheck labs today still all normal.

Ultrasound mild corrugation duodenum, minor pancreatic changes, mild splenic enlargement with scalloping

**PATIENT**

Lucy Simmons

**CYTOLOGY SUBMISSION**

FNA of Spleen

**SPECIES**

Feline

**OBSERVATIONS**

Spleen: Submitted are 7 excellent videos of moderate to excellent collections of cells from the spleen in Lucy. There are several fields with collections of large irregular round cells with prominent cytoplasm and irregular nuclei. Many of these nuclei have multiple nucleoli. Throughout the red blood cells are scattered small lymphocytes and there are aggregates of small lymphocytes that are scattered throughout these videos. The cellularity in general is lymphocytic from this splenic collection in Lucy.

**BREED**

DLH

**SEX**

FS

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Spleen - Consistent with early high-grade lymphoma.

**AGE**

11yr

**COMMENTS**

The cellularity in the fields that have the very large cells are very strongly suggestive of a high-grade lymphoma. These solid packets of large cells rarely occur in other types of lymphoid reaction. The lymphoid reaction throughout the rest of the spleen consists of many small lymphocytes including large aggregates of small lymphocytes. This suggests a marked lymphocytic response in the spleen in Lucy. Immunophenotyping these cells is encouraged to assist in confirming the diagnosis of lymphoma particularly if therapy is contemplated. I'm strongly suspicious of an early lymphoma but the cells have not completely effaced the splenic tissue in Lucy. In my opinion, an unfavorable prognosis is likely.

**WEIGHT**

14kg

**HOSPITAL NAME**

Animal Emergency Care

**REFERRING VET**

Dr. Callihan/AEC

**INVOICE NUMBER**

40505



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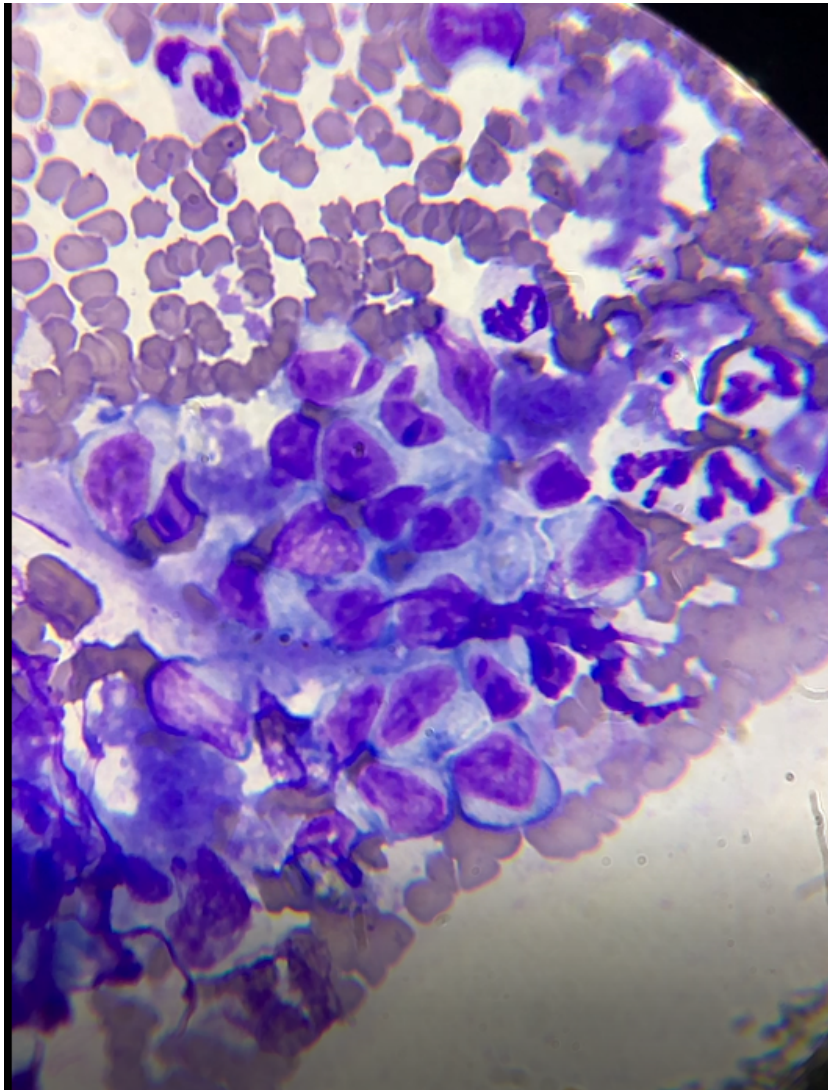


Image shows a group of large lymphoid cells associated with neutrophils in the splenic collection from Lucy. Note the large nuclei and prominent nucleoli.

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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.

**REFERRING VET**

Dr. Callihan/AEC

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**  
8288 Top of the World Drive  
Cottonwood Heights, UT 84121  
ldmcgill.vetpath@gmail.com  
cell: 801-865-1220

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