



**DATE PRESENTING CLINICAL SIGNS**

2/17/23

Patient presented with chronic diarrhea (3-4 months). On abdominal U/S, liver is hyperechoic with multiple hyperechoic nodules (granulomas??). Mesenteric LNs are enlarged, and hyperechoic small intestinal walls are thickened with prominent muscularis. U/S guided aspirate of mesenteric LNs. 2/3/23 spec fPL 5.2

**INTERPRETED BY**

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

**CYTOLOGY SUBMISSION**

Lymph node

**PATIENT**

Tiny Jendzeizyk

**OBSERVATIONS**

Mesenteric lymph node: Submitted are 46 excellent images of cells collected from the lymph node in Tiny. The cellularity is mixed throughout all of these videos. Some of the lymphoid cells appear to be enlarged and reactive but many of the lymphoid cells are small and mature. Interspersed are scattered neutrophils and prominent fields of eosinophils. Macrophages with degenerate debris are identified. Mast cells are identified in several of the images. They are not aggregated. Some of the mast cells are well granulated and others are poorly granulated.

**SPECIES**

Feline

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Mesenteric lymph node - Mixed cellular collection with reactive lymphoid tissue, neutrophils, eosinophils, macrophages and mast cells.

**BREED**

DSH

**COMMENTS**

The cellularity in this collection is mixed causing confusion in interpretation. There were some fields that were suspicious for lymphoma but as I looked at more cells, there were actually a good number of mast cells and packets of eosinophils scattered throughout. This could suggest the likelihood of a mast cell neoplasia or the possibility of eosinophilic inflammatory bowel disease with mast cells occurring secondarily. At this time, I am not certain as to the specific process but there certainly is an increase in pathologic cells in these lymph nodes. Lymphoma may not be the most likely diagnosis. Exploratory and intestinal wall biopsies will likely be required to confirm the diagnosis. Due to the mixed cell collection in this lymph node, a guarded to poor prognosis is warranted since there appears to be prominent pathologic cellular collections in this sample.

**AGE**

15y

**WEIGHT**

13.2 lbs

**HOSPITAL NAME**

Rotterdam Veterinary  
Hospital

**REFERRING VET**

Dr. St. Sir

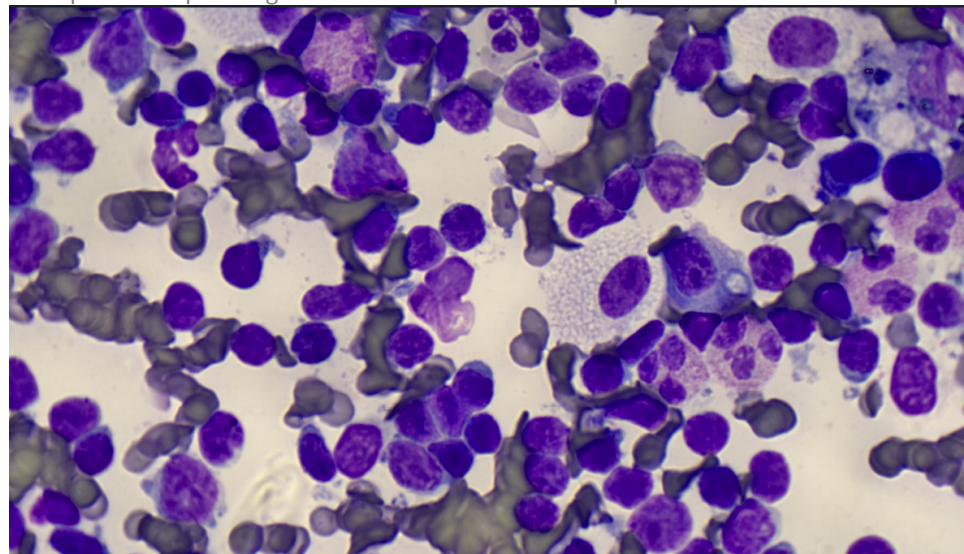


Image shows a mixed cell collection of mature lymphocytes with scattered eosinophils and a couple of mast cells collected from the lymph node in Tiny. There is a macrophage in the upper right with a mast cell beside it.

**INVOICE NUMBER**

897



**DATE** 2/17/23 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

**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

**PATIENT** Tiny Jendzeizyk

Tiny Jendzeizyk

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Male Neutered

**AGE**

15y

**WEIGHT**

13.2 lbs

**HOSPITAL NAME**

Rotterdam Veterinary  
Hospital

**REFERRING VET**

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