

DATE PRESENTING CLINICAL SIGNS

8/31/22

lethargy, decrease appetite, vomiting Current Medications Prednisolone, Gabapentin, revolution +, Solensia inj prev
Abnormal PE/Chem/CBC/UA Results: crea 0.6, rest WNL

INTERPRETED BY CYTOLOGY SUBMISSION

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

Mesenteric lymph node

OBSERVATIONS

Mesenteric lymph node: Submitted are 6 excellent videos of moderate to excellent collections of cells from the mesenteric lymph node in Socks. The majority of the cells are round cells. Many of the cells are large but there are many cells that are small and mature lymphocytes. There are scattered neutrophils and scattered macrophages but they are few in numbers. There are scattered mitotic figures. Some of the cells have a plasmacytoid pattern.

PATIENT

Socks Eckstrom

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES Mesenteric lymph node - Consistent with markedly reactive lymphadenopathy with mild suppurative inflammation. (See Comments)

Feline

COMMENTS

The cellularity supports a markedly reactive lymphoid tissue. This could be some type of lymphoma but the inflammation and the mixed cellularity with large numbers of small lymphocytes do not confirm the diagnosis of lymphoma. In these cases where there is a mass in the intestine, the intestinal tissue should be aspirated. Intestinal lymphoma does not always involve mesenteric lymph nodes. This is due to the fact that there are markers in the lymphoid cells in the intestine that restrict those lymphoid cells' capability to only grow in the intestine and not in the regional lymph node. The regional lymph node will often respond to the inflammation that is associated with lymphoma or other disease processes in the gut. In this instance I cannot rule out the possibility of lymphoma in the intestine but I cannot make that diagnosis from these lymph node aspirates. Immunophenotyping the cells in these smears may be beneficial in confirming whether there is lymphoma present or not. A guarded prognosis is warranted since we still do not know what is occurring in the intestinal enlargement.

BREED

DSH

SEX

Male Neutered

AGE

15y

WEIGHT

8.75 lbs

HOSPITAL NAME

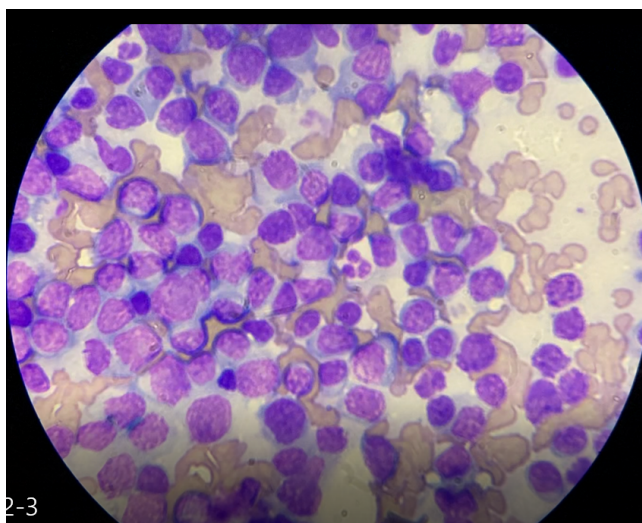
Companion Pet Clinic

REFERRING VET

Dr. Mills

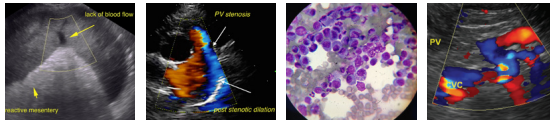
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2-3

Image shows a representative group of lymphoid cells from the mesenteric lymph node in Socks. There are small lymphocytes and neutrophils in this collection. The large lymphoid cells may be the result of antigen stimulation.



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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.

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.

PATIENT

Socks Eckstrom

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