



DATE PRESENTING CLINICAL SIGNS

7/13/22

One year history of increasing weight loss, intermittent vomiting, decreased appetite
cPL increased, stress leukogram, HCT is low normal

INTERPRETED BY

CYTOLOGY SUBMISSION

Intestine; lymph node

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

OBSERVATIONS

Intestine: Submitted are 3 excellent videos of moderate collections of cells from the intestinal wall in Shabah Khan. The cellularity is very consistent and almost all round cells. The round cells have small dark nuclei. They have bluish gray cytoplasm. The cellularity is irregular. Some of the cells are smudged. The majority of the cells are small irregular lymphoid cells including aggregates in several fields.

PATIENT

Shabah Kahn King

Lymph node: Submitted are 3 excellent videos of excellent to moderate collections of cells from the mesenteric lymph nodes in Shabah Khan. The cellularity is mixed with moderate numbers of lymphocytes some of which appear to be reactive. There are macrophages, neutrophils and eosinophils scattered throughout. There are some slightly irregular lymphoid cells but these may be reactive cells and not neoplastic.

SPECIES

Feline

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Intestine - Consistent with small cell intestinal lymphoma.

BREED

Lymph node - Chronic suppurative lymphadenitis with reactive or stimulated lymphoid tissue.

DSH

COMMENTS

The cellularity in the intestine supports the likelihood of small cell intestinal lymphoma. Those cells were rather consistent throughout the excellent videos. The cells in the lymph node are somewhat more mixed suggesting inflammation which is a common sequelae to lymphoma in the intestine. The intestinal mucosal barriers are broken down. Lymphoma in the intestine most commonly does not affect the regional lymph nodes. This is due to the fact that the intestinal lymphoma cells have markers where they will only grow in the intestinal wall. Even if they get in circulation, they cannot grow until they return to the intestinal wall. Thus it appears to me that there is intestinal lymphoma of a small cell type with inflammation draining to the mesenteric lymph nodes. An unfavorable prognosis is warranted but therapy can certainly be attempted.

SEX

Male Neutered

AGE

14y

WEIGHT

9.9#

HOSPITAL NAME

Ruidoso Animal Clinic

REFERRING VET

Dr. Favis

INVOICE NUMBER

759

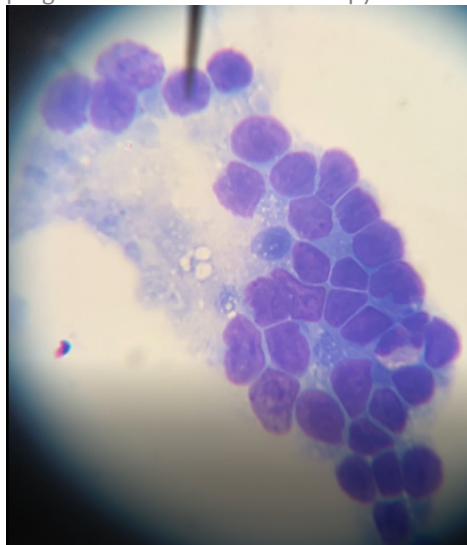


Image shows a group of lymphocytes collected from the intestine in Shabah Khan. There is a neutrophil in the group also.



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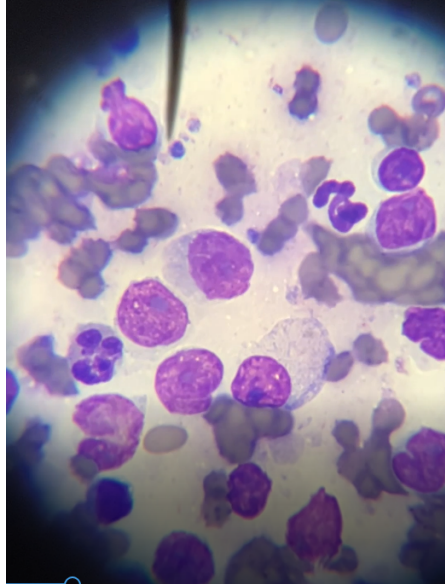


Image shows cells collected from the lymph node in Shabah Khan. Note the neutrophils, macrophages and reactive lymphocytes with at least 1 small lymphocyte.

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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