

DATE PRESENTING CLINICAL SIGNS

3/24/22 Chronic anorexia, and dramatic weight loss
Hypercalcemia (14.5) Markded Renal Enzyme elevations.

U/S: Mesenteric LN's Enlarged some more subtle but one very distorted and abnormal in mid abdomen (Sample submitted is from this node). Peripheral LN"s moderately enlarged. Liver has a vacuolar hepatopathy pattern (FNA only showed hepatocytes w/ foamy cytoplasm)

INTERPRETED BY

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

CYTOLOGY SUBMISSION

Lymph node

PATIENT OBSERVATIONS

Mumford Sivak Lymph node: Submitted are 7 excellent videos of excellent collections of cells from the lymph node in Mumford. The cellularity consists of large numbers of lymphoid cells, many of which are quite large. These cells have nuclei that are 2 to 6 times the size of red blood cells. Many of these cells have prominent to multiple nucleoli. Mitotic figures are identified. There are scattered neutrophils and small mature lymphocytes in the collection.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Mesenteric lymph node - Consistent with high-grade lymphoma.

BREED

St. Bernard

COMMENTS

The cellularity in this collection is strongly suggestive of high-grade lymphoma. It is almost diagnostic cytologically. The large cells and the mitotic index with irregular nuclei are essentially diagnostic. If chemotherapy is contemplated, immunophenotyping of the cells in this collection may be beneficial to identify cell type. This information may contribute to the prognosis. These slides may be submitted for PARR testing or biopsy and immunohistochemistry staining can be undertaken. Re-collection for flow cytometry evaluation will be required if that testing is desired. You may wish to contact the laboratory to confirm the sample required for flow cytometry. An unfavorable prognosis is warranted in my opinion. High-grade lymphomas may respond early to chemotherapy.

AGE

4y

WEIGHT

115 lbs

HOSPITAL NAME

Franklin Animal Clinic

REFERRING VET

Dr. Doverspike

INVOICE NUMBER

698

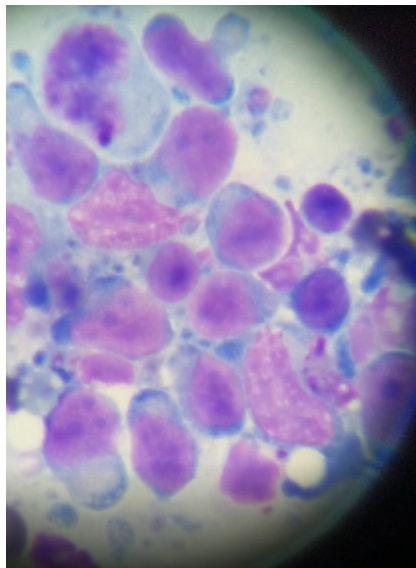
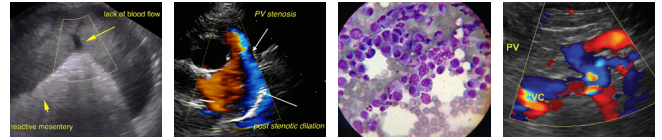


Image demonstrates a collection of atypical lymphoid cells collected from Mumford. There is a mitotic figure in the upper left corner. Most of the cells are quite large.



DATE 3/24/22 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,
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PATIENT

Mumford Sivak

SPECIES

Canine

BREED

St. Bernard

SEX

Male Neutered

AGE

4y

WEIGHT

115 lbs

HOSPITAL NAME

Franklin Animal Clinic

REFERRING VET

Dr. Doverspike

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698