



DATE PRESENTING CLINICAL SIGNS

5/25/22

Patient has been vaguely ADR for about a month, pt has had slight lameness right fore for a day or two, but not seen in-clinic, mostly seems to be more isolative at home, but still eating and drinking normally, no other clinical signs reported. General health lab profile is pending.

INTERPRETED BY

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

CYTOLOGY SUBMISSION

Lymph node aspirate

OBSERVATIONS

Lymph node aspirate: Submitted are 5 excellent videos of very good collections of cells from the popliteal lymph node in Callie. The cellularity is rather consistent throughout these smears. Most of the cells are round cells that have nuclei that are 2 to 3 times the size of red blood cells. Some of the cells have nuclei that are 4 times the size of red blood cells. Scattered nucleoli are identified. The cytoplasm is pleomorphic but bluish gray. The uniformity of the cells suggests neoplasia.

PATIENT

Callie Jung

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Lymph node aspirate - Large numbers of uniform enlarged lymphoid cells suggestive of intermediate cell lymphoma.

BREED

Golden Retriever

COMMENTS

With the information added today that there is definitely leukemia in Callie, this adds to the credibility of these cells demonstrating an intermediate size lymphoma. The cytoplasm is pleomorphic and can be strung out in irregular patterns in neoplastic cells. These cells did not have the appearance of a high-grade lymphoma. 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.

SEX

Female Spayed

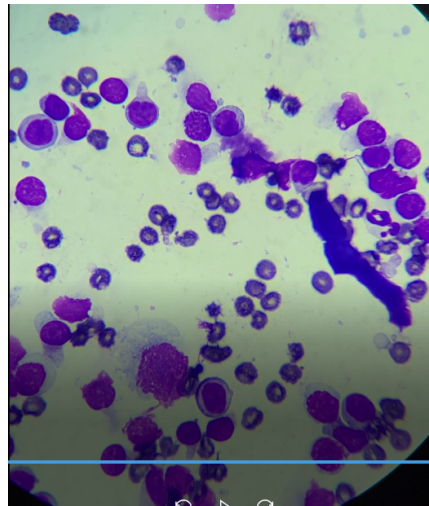
These slides may be submitted for PARR testing or biopsy and immunohistochemistry staining can be undertaken. Re-collection for flow cytometry evaluation will be required if that testing is desired. You may wish to contact the laboratory to confirm the sample required for flow cytometry. An unfavorable prognosis is warranted in my opinion.

AGE

8.5 yr

WEIGHT

85 lbs



HOSPITAL NAME

Friendship Springs
Veterinary Care

REFERRING VET

Dr. Cutchin

Image shows a field of intermediate sized lymphoid cells collected from Callie. The large cell is a macrophage. The purple structure to the right is a contaminant keratinized cell.

INVOICE NUMBER

738



DATE 5/25/22 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.

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