



DATE PRESENTING CLINICAL SIGNS

5/23/22

On 4/14 digital cytology clips were submitted for examination to SonoPath and the presumptive diagnosis was consistent with high grade lymphoma with secondary chronic inflammation. However, biopsy and PARR testing did not support this. The histopathologic diagnosis was Mixed lymphohistiocytic infiltrates with multifocal vasocentrism. PARR suggested a polyclonal population. Subsequently, the lesions began to regress of their own accord. Some resolved completely, others resolved greatly. Then last week these began to enlarge again and new ones in different areas developed. Two are markedly inflamed. A new biopsy has been submitted as well as new cytologic clips.

INTERPRETED BY

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

CBC, chems, and ua are still unrevealing. Abdominal and thoracic radiographs were wnl.

PATIENT

Bennie Feriani

CYTOLOGY SUBMISSION

FNA of Dermal

SPECIES

Canine

OBSERVATIONS

Dermal lesions: Submitted are 8 excellent videos of moderate to excellent collections of cells from the dermal nodules on Bennie. There is a variation in cellularity between several of the videos. Most of the videos demonstrate a mixed cellular collection with many small lymphocytes interspersed with reactive lymphocytes and degenerate debris. Two of the videos demonstrate large numbers of atypical cells with large nuclei that are 2 to 4 times the size of red blood cells and prominent nucleoli. Mitotic figures are identified in those videos. Degenerate debris and mild inflammation is present in all of the various videos.

BREED

Mix

SEX

Male Neutered

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Dermal lesions - Several videos with suggested reactive lymphoid tissue and degeneration and 2 videos demonstrating lymphoid cells with characteristics suggestive of high-grade lymphoma.

AGE

9y

COMMENTS

The cellularity in the majority of these videos suggests the possibility of reactive lymphoid tissue with some degeneration. There are conditions in the skin of the dog of reactive lymphoid tissue which could explain those lymphoid cell reactions. The major concern is the 2 videos that demonstrate characteristic changes strongly suggestive of high-grade lymphoma. My concern at this time is that the lymphoid tissue may have been reactive as was confirmed by biopsies but there may be a different process starting now of early cutaneous high-grade lymphoma. I am unable to confirm the location of the aspirates. Hopefully you may be able to do so in the clinic. The aspirates that have the irregular atypical cells should be submitted for PARR testing. The other lymphoid reactivity may conclude in the same results that you have described. I am still concerned about the potential of lymphoma in Bennie.

WEIGHT

15 lbs

HOSPITAL NAME

Friendship Springs
Veterinary Care

REFERRING VET

Dr. Trae Cutchin

INVOICE NUMBER

40528



DATE

5/23/22

INTERPRETED BY

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

PATIENT

Bennie Feriani

SPECIES

Canine

BREED

Mix

SEX

Male Neutered

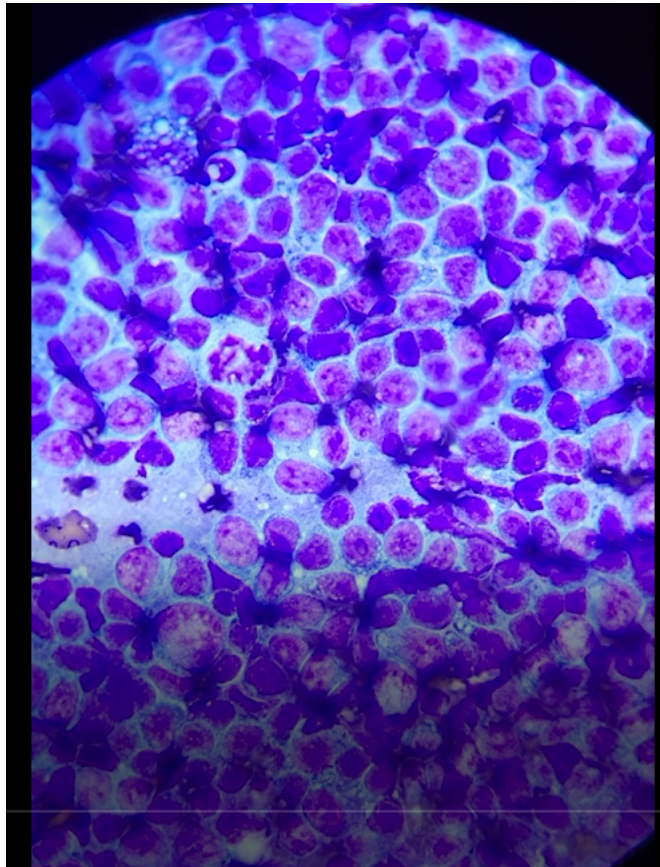


Image shows a field of atypical appearing lymphoid cells with a mitotic figure from a skin mass aspirate on Bennie. Note the comparison of the large irregular cells with the small lymphocytes in the field.

AGE

9y

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.

WEIGHT

15 lbs

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.

HOSPITAL NAME

Friendship Springs
Veterinary Care

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

REFERRING VET

Dr. Trae Cutchin

INVOICE NUMBER

40528