



DATE PRESENTING CLINICAL SIGNS

4/27/22 PU/PD and Lethargic
ALP of 806
U/S Spleen appears enlarged w/ a focal complex nodule 1" x 1" diameter that aspirated. Liver has a vacuolar hepatopathy pattern.

INTERPRETED BY

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

CYTOLOGY SUBMISSION

Spleen

OBSERVATIONS

Spleen: Submitted are 7 excellent videos of excellent collections of cells from the spleen in Gracie. The cellularity consists almost entirely of round cells with minimal cytoplasm. These cells all have the appearance of lymphoid cells. There are scattered neutrophils and rare plasma cells with the possibility of a macrophage or two. The majority of the cells however are lymphoid cells including small lymphocytes and some large irregular atypical lymphoid cells. Some of these cells are quite large. I observed a mitotic figure. The large cells have nuclei that are 4 to 6 times the size of red blood cells. Even some of the intermediate size cells have irregular changes in the nucleus.

PATIENT

Gracie Hannold

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Spleen - Suggestive of early high-grade lymphoma or possible intermediate to small cell lymphoma.

BREED

Wire Haired German
Griffin

COMMENTS

The cellularity is so consistent with lymphoid cells that lymphoma must be suggested. There are places in the collection where it could be high-grade and in others where it could be low-grade to intermediate. This cellularity is irregular and further diagnostics would be suggested. 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. In light of the cellular changes, I am concerned about lymphoma in this case and suggest a guarded to unfavorable prognosis. The prognosis will very likely depend upon response to therapy.

AGE

10y

WEIGHT

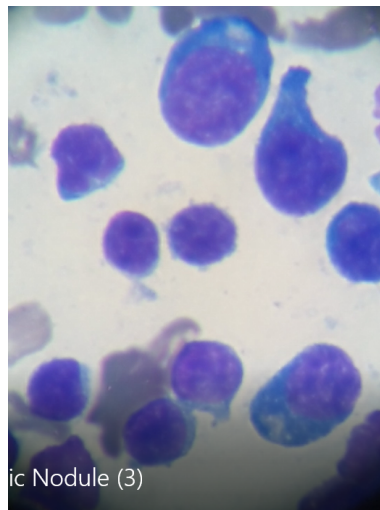
86lbs

HOSPITAL NAME

Franklin Animal Clinic

REFERRING VET

Dr. Doverspike



ic Nodule (3)

Image shows some of the atypical lymphocytes with a couple of small lymphocytes in the center from the splenic aspirate from Gracie. The cell in the upper left appears to be cleaved.

INVOICE NUMBER

620



DATE

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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.

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.

PATIENT

Gracie Hannold

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

SPECIES

Canine

BREED

Wire Haired German
Griffin

SEX

Female Spayed

AGE

10y

WEIGHT

86lbs

HOSPITAL NAME

Franklin Animal Clinic

REFERRING VET

Dr. Doverspike

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