

DATE PRESENTING CLINICAL SIGNS

9/17/21

History: Follow up FNA of liver and spleen After Ultrasound

CYTOLOGY SUBMISSION

FNA of Liver & Spleen

INTERPRETED BY

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

OBSERVATIONS

Spleen: Submitted are 6 excellent videos of excellent collections of cells from the spleen in Sasha. The majority of the cells are round cells. These cells have rounded nuclei that are 2 to 4 times the size of red blood cells in the majority of these round cells. They have minimal cytoplasm. There are scattered mitotic figures in these groups of cells. There are scattered neutrophils and macrophages and a very few small mature lymphocytes. Platelets are identified as are lymphoglandular structures. The cellularity strongly supports lymphoma.
Liver: Submitted are 7 excellent videos of excellent to moderate collections of cells from the liver in Sasha. Hepatocytes are identified with slightly granular cytoplasm. No other changes are identified in those cells. These cells are accompanied by large numbers of round cells similar to those in the spleen. These cells have nuclei that are 2 to 4 times the size of red blood cells with prominent nucleoli. There are aggregates of neutrophils and scattered neutrophils but in many fields the atypical lymphoid cells are quite prominent.

PATIENT

Sasha Weedman

SPECIES

Canine

BREED

Shepard mix

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Spleen - Characteristic of high-grade lymphoma.
Liver - Consistent with high grade lymphoma with secondary suppurative hepatitis.

SEX COMMENTS

fs

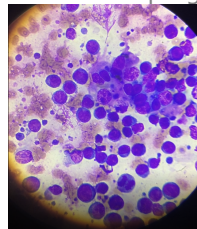
The cellularity in both organs strongly supports a high-grade lymphoma. The cells are quite large and irregular with many of the characteristics expected for that type of a process. If chemotherapy is contemplated, immunophenotyping of the cells in this collection may be beneficial to identify cell type. 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.

AGE

12y

WEIGHT

91 lbs



HOSPITAL NAME

Ark Animal Hospital

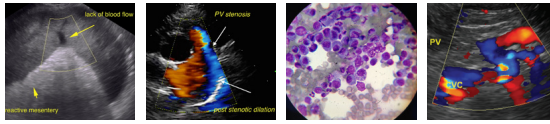
Image shows a field of large atypical lymphoid cells with large nuclei collected from the spleen in Sasha. Note the mitotic figure in the lower center region.

REFERRING VET

Dr. Jackson

INVOICE NUMBER

70408



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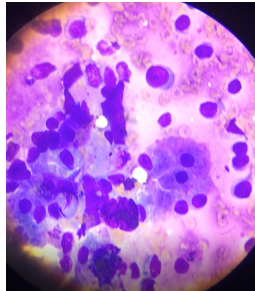


Image shows hepatocytes surrounded by irregular lymphoid cells. There is a very large lymphocyte in the upper center.

PATIENT

Sasha Weedman

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.

SPECIES

Canine

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.

BREED

Shepard mix

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SEX

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