



DATE PRESENTING CLINICAL SIGNS

5/11/23

P not eating. U/S findings: The spleen was mildly enlarged with uniform, but subtly micronodular parenchyma, and undulating capsular contour. This is consistent with reactive spleen owing to immune stimulus or early infiltrative disease such as mast cell disease or lymphoma
Elevated Glob ALT ALP GGT (values not provided)

INTERPRETED BY

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

CYTOLOGY SUBMISSION

Spleen

OBSERVATIONS

PATIENT Spleen: Submitted are 4 very good videos of moderate collections of cells from the spleen in Lexi. The cellularity over the majority of the videos consists of round cells. There are scattered neutrophils and scattered nucleated red blood cells. Rare macrophages were identified. The round cells for the most part are small to intermediate lymphoid cells with minimal cytoplasm. There are some large irregular lymphoid cells with very large nuclei and prominent nucleoli. The lymphoid cells are approximately 80% of the cellularity. In some locations, the larger cells are quite prominent.

Lexi Ayala

SPECIES

Feline

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Spleen - Suggestive of lymphoma.

BREED

DSH

COMMENTS

The cellularity in this collection is not effacing the tissue with lymphoblasts. The cellularity includes large numbers of lymphocytes but some of the cells are large and irregular and atypical. This causes concern that lymphoma is a part of the process in the spleen. Confirmation of this diagnosis can be undertaken by either splenectomy or possibly immunophenotyping the cells on the slides to confirm the likelihood of a neoplastic process. There is mild inflammation but it is not the major process in this collection. Lymphocytic hyperplasia is possible as the underlying cause of this cellular collection but I am concerned about the potential of lymphoma and thus a guarded prognosis is warranted. Other tissues could be involved as well in Lexi.

AGE

7y

WEIGHT

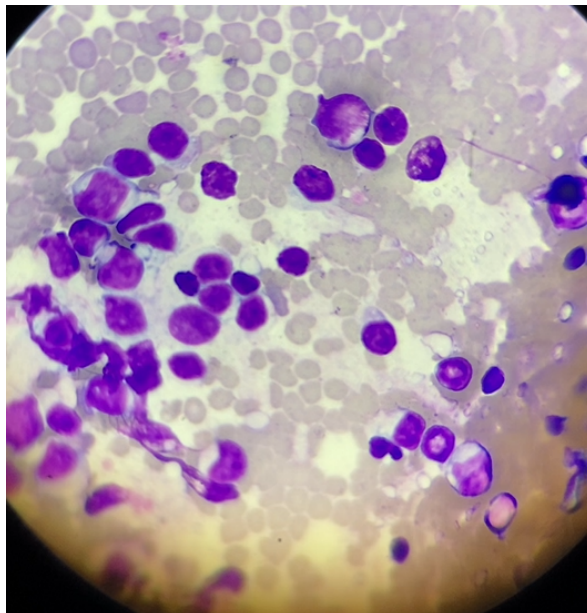
10.8#

HOSPITAL NAME

Rockaway Animal
Hospital

REFERRING VET

Dr. Maniar



INVOICE NUMBER

948

Image shows a group of lymphoid cells collected from the spleen in Lexi. Note the larger lymphoid cells and the nucleoli in the nuclei.



DATE 5/11/23 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,
Ph.D., DACVP

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PATIENT
Lexi Ayala

SPECIES
Feline

BREED
DSH

SEX
Female Spayed

AGE
7y

WEIGHT
10.8#

HOSPITAL NAME
Rockaway Animal
Hospital

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