

PATIENT PRESENTING CLINICAL SIGNS

Leia Hastings FNA of spleen Post Mast Cell tumor removed.

CYTOLOGY SUBMISSION

U/S-guided FNA of spleen.

SPECIES OBSERVATIONS

Canine Spleen: Submitted are 5 excellent videos of cells collected from the spleen in Leia. There are moderate numbers of cells in most fields and some fields have very few cells but there are large numbers of red blood cells. There is some lipid present in fields suggesting that omentum was aspirated as well. I looked through all of the fields very closely but no mast cells were identified. There are neutrophils, nucleated red blood cells and lymphocytes prominent throughout these fields. There is no suggestion of neoplasia or sepsis but there is mild inflammation.

BREED

Amer.
Bulldog/Rottweiler

INTERPRETATION OF THE FINDINGS

Spleen - Mild suppurative splenitis with mixed cells and no mast cells observed.

SEX COMMENTS

Female spayed The cellularity is essentially normal cellularity for the spleen. Very likely this is the result of localized extra medullary hematopoiesis or nodular hyperplasia of lymphoid cells within the spleen. There is a suggestion of mild inflammation but that can be secondary to problems in other locations. There is no suggestion of malignancy or sepsis. I was definitely unable to identify mast cells in any of the fields. Even though this result was negative, this is an excellent procedure to follow in cases of mast cell disease to rule out the possibility of early metastasis into the internal organs. Continued monitoring of Leia is encouraged.

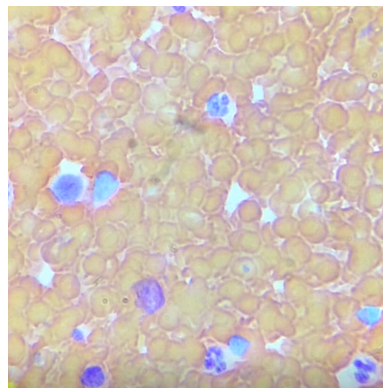
AGE

6-year-old

WEIGHT

85 lbs

Image below shows a representative collection of cells from the spleen in Leia. There are several neutrophils with scattered mononuclear cells. Malignant change is not present. No mast cells were observed.



INTERPRETED BY

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

HOSPITAL NAME

VCA Salem AH

REFERRING VET

Dr. Giambuzzi

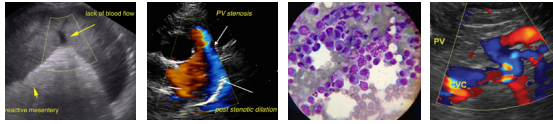
The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

DATE

10/08/2021



PATIENT

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Bulldog/Rottweiler

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