



**DATE PRESENTING CLINICAL SIGNS**

8/17/22

Pre-op work up, poss. mct nodule R submandibular area. U/S findings: The spleen was mildly enlarged with subtle, nodular change measuring 0.5 cm. The cranial pole of the spleen revealed a grouping of nodules with a focal, capsular indentation. The largest nodule measured 1.2 cm.

**INTERPRETED BY**

Wnl

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

**CYTOLOGY SUBMISSION**

Spleen

**PATIENT**

Mia Cawley

**OBSERVATIONS**

Spleen: Submitted are 3 excellent videos of minimal to excellent collections of cells from the spleen in Mia. There is a background of red blood cells throughout the collection. Interspersed throughout the red blood cells is a mixture of cellularity including neutrophils, lymphocytes and nucleated red blood cells. There are some packets of macrophages with platelets and degenerate cells. Malignant characteristics are not identified. Sepsis is not suggested.

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Spleen - Consistent with hematopoiesis and mild inflammation and fibrohistiocytic nodules.

**BREED**

Lab Mix

**COMMENTS**

The cellularity in this collection supports the likelihood of secondary splenic changes. The hematopoiesis could suggest some type of hemolytic process in Mia. There are fibrohistiocytic collections which are not uncommon in the spleen in the dog. There is no suggestion of sepsis or neoplasia including the potential of mast cell neoplasia. These changes are likely secondary to other problems in Mia. Continued monitoring of Mia for other abnormal problems is always encouraged.

**SEX**

Female Spayed

**AGE**

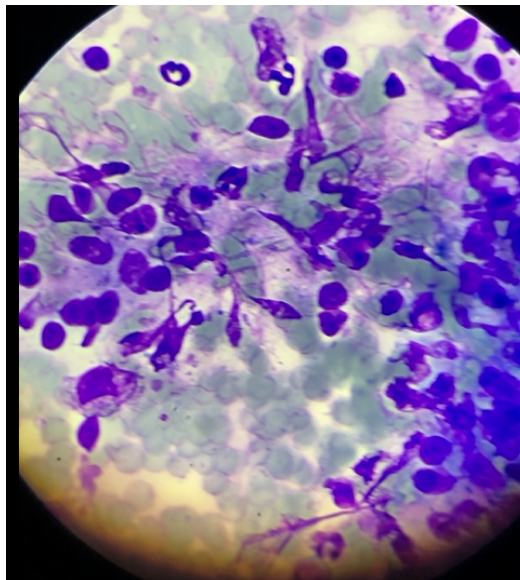
11y

**WEIGHT**

41.4 lbs

**HOSPITAL NAME**

Animal Care Centers  
Flanders



**REFERRING VET**

Dr. Hallihan

Image shows a mixed cell collection from the spleen in Mia. There are macrophages present with lymphocytes and neutrophils.

**INVOICE NUMBER**

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**DATE** 8/17/22 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

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