



**DATE PRESENTING CLINICAL SIGNS**

7/12/23

The spleen was mildly enlarged with uniform, but subtly micronodular parenchyma, and undulating capsular contour.  
Ca+ 11.3 (ionized Ca+ normal); PSL 107

**INTERPRETED BY**

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

**CYTOLOGY SUBMISSION**

FNA of Spleen

**PATIENT OBSERVATIONS**

Milo Marino

Spleen: Submitted are 2 excellent videos of minimal cellular collections from the spleen in Milo. There is a background of red blood cells with a mixture of nucleated cells scattered throughout. Nucleated cells are mixed and include lymphocytes that appear to be mature, nucleated red blood cells and neutrophils. There are smudged nuclear cells and there is secondary degenerate debris. Malignant characteristics are not identified.

**SPECIES**

Feline

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**BREED**

Spleen - Reactive splenic tissue with mild suppurative inflammation and extra medullary hematopoiesis.

DSH

**SEX COMMENTS**

Male Neutered

There is no suggestion of malignancy in the spleen but there is a suggestion of inflammation with prominent extramedullary hematopoiesis. This may suggest the possibility of a hemolytic process in Milo. There is no other significant cellularity in the collection. The nucleated cells are few in numbers but those present are suggestive of hematopoiesis and mild inflammation. Continued monitoring of Milo and evaluation for other sources of inflammation including immune mediated hemolytic changes is encouraged.

**AGE**

15y 5mos

**WEIGHT**

11.95#

**HOSPITAL NAME**

Animal Care Clinic of  
Flanders

**REFERRING VET**

Dr. Hallihan

**INVOICE NUMBER**

40775



**DATE**

7/12/23

**INTERPRETED BY**

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

**PATIENT**

Milo Marino

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Male Neutered

**AGE**

15y 5mos

**WEIGHT**

11.95#

**HOSPITAL NAME**

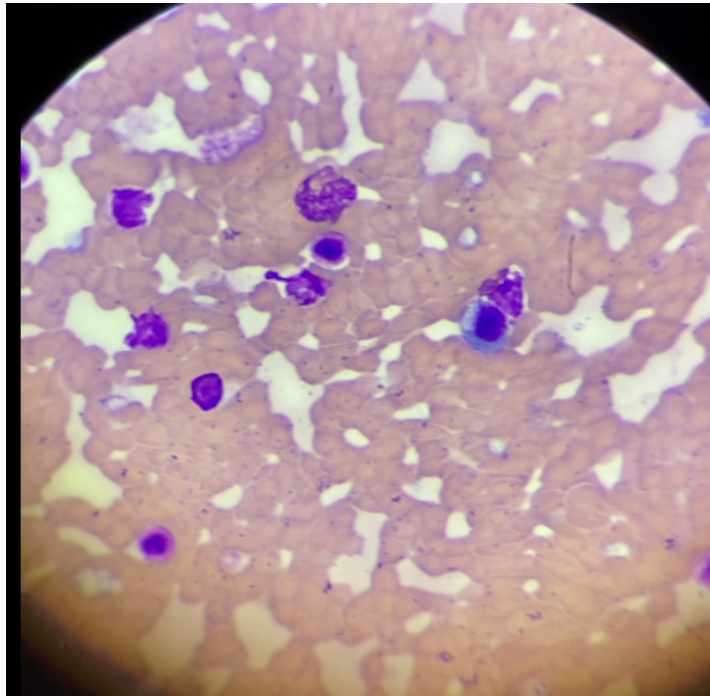
Animal Care Clinic of  
Flanders

**REFERRING VET**

Dr. Hallihan

**INVOICE NUMBER**

40775



The image demonstrates a background of red blood cells with a mixture of nucleated cells present. There are nucleated RBCs with lymphocytes and a suggestion of neutrophils. This cellularity notes the paucity of leukocytes in the smears.

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  
8288 Top of the World Drive  
Cottonwood Heights, UT 84121  
ldmcgill.vetpath@gmail.com  
cell: 801-865-1220