



**DATE** **PRESENTING CLINICAL SIGNS**  
3/17/22 US showed enlarged, slightly micro-nodular spleen. FNA 25g performed. R/O splenitis vs round cell vs other

**INTERPRETED BY** **CYTOLOGY SUBMISSION**  
L.D. McGill, DVM, Ph.D, DACVP Spleen

**PATIENT** **OBSERVATIONS**  
Daisy Debrucker Spleen: Submitted are 8 excellent videos of moderate to excellent collections of cells from different areas in the spleen in Daisy. The majority of the videos demonstrate a mixed cell collection with neutrophils, lymphocytes and nucleated RBCs. There are other videos that show more consistent cellularity with lymphocytes and nucleated red blood cells as a prominent collection and others demonstrate fibrosis with macrophages and hemosiderosis. The majority of the cellularity supports inflammation with minimal suggestion of malignant characteristics.

**SPECIES** **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**  
Canine Spleen - Consistent with chronic suppurative splenitis with reactive lymphoid tissue and hematopoiesis and fibrohistiocytic nodules.

**BREED** **COMMENTS**  
Boxer The cellularity in this collection is not characteristic of malignancy. There were some cells in one of the videos that suggest reactive lymphoid tissue but it also included some nucleated red blood cells. Hematopoiesis is prominent. Several of the fields in videos labeled B demonstrated spindloid cells and macrophages which are consistent with fibrohistiocytic nodules. They can occur secondary to hemolysis or other inflammatory problems. I was unable to confirm malignancy or sepsis. These changes are often secondary to other problems which could include pancreatitis or enteritis or some type of systemic inflammatory process including hemoparasites.

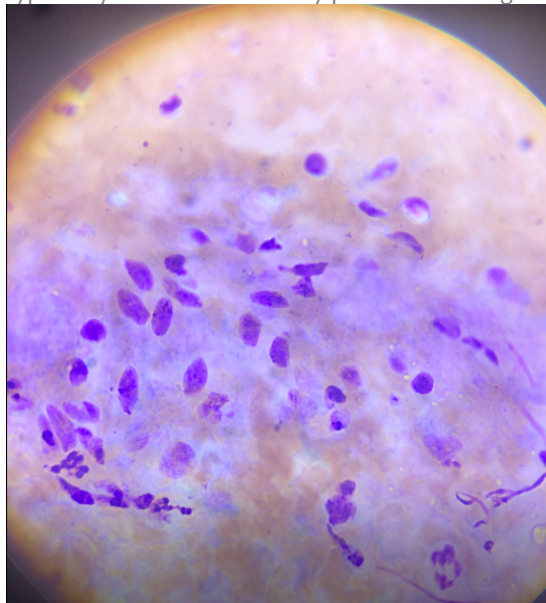
**SEX**  
Female Spayed

**AGE**  
1y

**WEIGHT**  
54.5 lbs

**HOSPITAL NAME**  
Rockaway Animal Hospital

**REFERRING VET**  
Dr. Maniar  
Image showing cells suggestive of fibrohistiocytic nodule collected from Daisy.



**INVOICE NUMBER**  
689



**DATE**

3/17/22

**INTERPRETED BY**

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

**PATIENT**

Daisy Debrucker

**SPECIES**

Canine

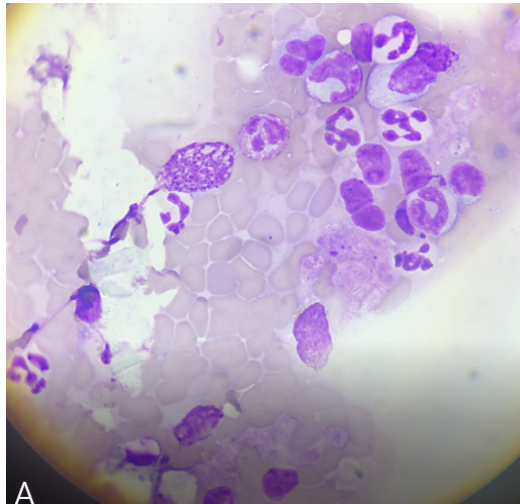


Image shows a group of inflammatory cells collected from the spleen in Daisy. This is the most common cellularity in the videos.

**BREED**

Boxer

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.

**SEX**

Female Spayed

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cell: 801-865-1220

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