



|                                  |   |
|----------------------------------|---|
| <b>DATE</b>                      | <b>PRESENTING CLINICAL SIGNS</b>  |
| 4/14/23                          | Persistently elevated ALT, splenic nodule found on US. Recheck US today and 25G FNA of liver parenchyma and splenic nodule. Normal CBC on 3/10/23.<br>PE: thinning haircoat on ventral trunk with thin skin.<br>Feb 2023- ALT 191.  |
| <b>INTERPRETED BY</b>            | Jan 2023- ALT 222.<br>March 2022 - ALT 72.  |
| L.D. McGill, DVM,<br>Ph.D, DACVP | AUS (3/3/23): Low-grade benign hepatopathy-suspect low-grade hepatic inflammatory disease, and solitary non-specific splenic nodule.  |
| <b>PATIENT</b>                   | <b>CYTOLOGY SUBMISSION</b>  |
| Maeby Gallinat                   | Spleen; liver   |
| <b>SPECIES</b>                   | <b>OBSERVATIONS</b>   |
| Canine                           | Spleen: Submitted are several excellent videos of cells collected from the spleen in Maeby. There are large numbers of red blood cells present with a mixture of nucleated cells. The nucleated cells include neutrophils, nucleated red blood cells, lymphocytes and small aggregates of macrophages. Malignant characteristics or sepsis cannot be identified. There were scattered eosinophils in the splenic tissue.  |
| <b>BREED</b>                     | Liver: Submitted are several excellent videos of cells collected from the liver in Maeby. The cellularity is a good collection of hepatocytes. The hepatocytes demonstrate vacuolization and granularity. There is no suggestion of malignancy in those cells. The vacuolization is very mild. There are very few inflammatory cells in the surrounding red blood cells. Most of those cells are small mature lymphocytes. Other types of cells such as neutrophils are not readily identified.   |
| Boston Terrier                   |   |
| <b>SEX</b>                       | <b>INTERPRETATION OF THE FINDINGS &amp; FURTHER RECOMMENDATIONS</b>   |
| Female Spayed                    | Spleen - Mixed cell collection suggestive of nodular hyperplasia<br><br>Liver - Aggregates of hepatocytes suggesting mild hepatocellular vacuolization and granularity and minimal inflammation   |
| <b>AGE</b>                       | <b>COMMENTS</b>   |
| 10y                              | The changes in these organs are not specific for any neoplastic or septic process. The splenic changes could be secondary to nodular hyperplasia of any of the cellularity in the spleen including hematopoiesis and lymphoid cells. The changes in the liver could be the result of nodular hyperplasia or the result of metabolic liver disease. It is not specific for any pathologic process. If there are changes in these organs that are related to the health of Maeby, then these organs are likely responding secondarily. Continued monitoring of other organs for other disease processes is always encouraged. |
| <b>WEIGHT</b>                    |   |
| 20 lbs                           |   |
| <b>HOSPITAL NAME</b>             |   |
| Scanvet                          |   |
| <b>REFERRING VET</b>             |   |
| Dr. Porcelli                     |   |
| <b>INVOICE NUMBER</b>            |   |
| 928                              |   |



**DATE**

4/14/23

**INTERPRETED BY**

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

**PATIENT**

Maebly Gallinat

**SPECIES**

Canine

**BREED**

Boston Terrier

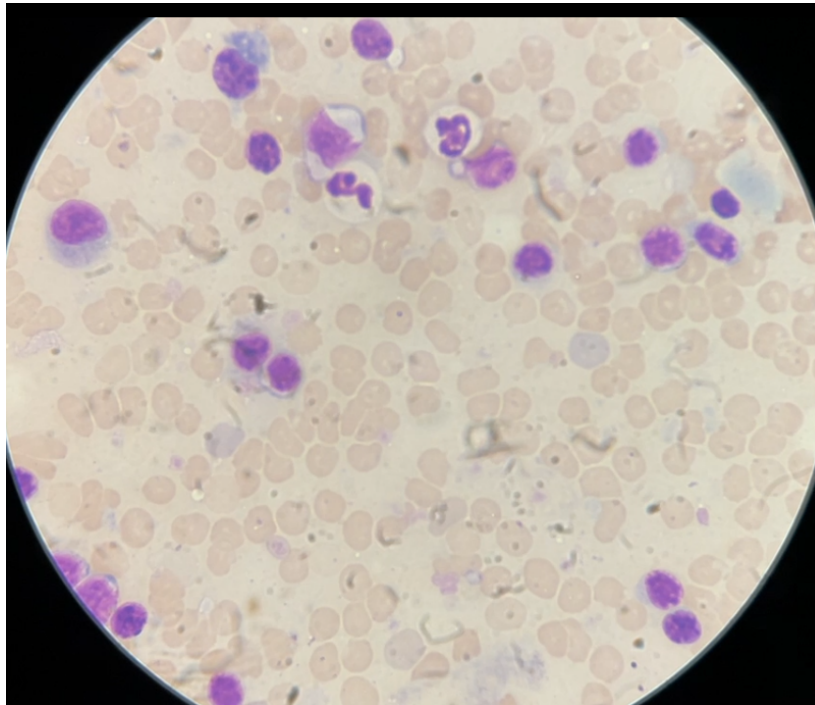


Image shows a representative mixed cell collection from the spleen in Maebly. There are NRBCs, lymphocytes and neutrophils with some polychromasia in the mature RBCs.

**SEX**

Female Spayed

**AGE**

10y

**WEIGHT**

20 lbs

**HOSPITAL NAME**

Scanvet

**REFERRING VET**

Dr. Porcelli

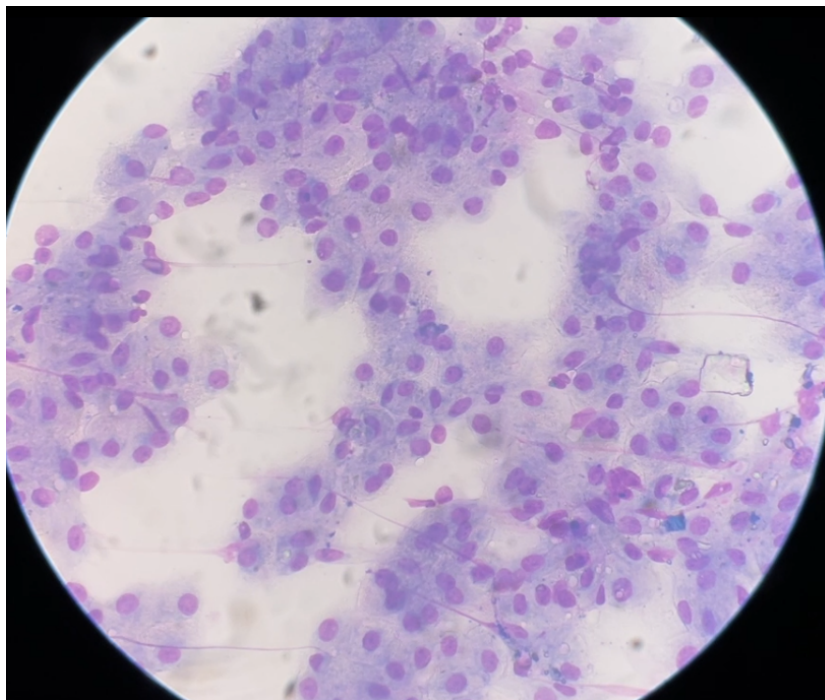


Image shows a large group of hepatocytes with minimal vacuolization and mild granularity. There is minimal inflammation in the liver in Maebly.

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**DATE** 4/14/23 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**

Maeby Gallinat

**SPECIES**

Canine

**BREED**

Boston Terrier

**SEX**

Female Spayed

**AGE**

10y

**WEIGHT**

20 lbs

**HOSPITAL NAME**

Scanvet

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