

**PATIENT**

Violet Baker

**SPECIES**

Feline

**BREED**

Domestic Shorthair

**SEX**

Spayed female

**AGE**

1 ½ years

**WEIGHT**

4.3 lbs

**INTERPRETED BY**

Dr. Lawrence McGill,  
 DVM,Ph.D.,Diplomate,  
 ACVP

**IMAGING PERFORMED BY**

Dr. Ken Leal

**HOSPITAL NAME**

Barton Heights

**REFERRING VET**

Dr. Candelaria

**INVOICE**

73456

**DATE**

3/12/26

**PRESENTING CLINICAL SIGNS**

- Few month history of gradual weight loss despite EDUD WNL w/o any concerning c/s/v/d noted.
- Thin BCS (2/9), mildly pale pk oral MM. BAR. 01/22/26 - PCV 23% at 10a and 32% at 5p, ALT 503, Cre 0.3 03/03/26 - Cre 0.6, Alb 2.3, ALT 248, AST 71, ALP 159, Tbil 0.7, WBC 21.7K, Lymph 11.5K (650-6800), Mon 800 (40-460), Eos 1.5K (200-1200), 1.030 USG, neg feline triple test

**CYTOLOGY SUBMISSION**

FNA of the liver and spleen were submitted

**OBSERVATIONS**

Liver: Submitted are 2 very good videos of moderate collections of cells from the liver in Violet. The hepatocytes are relatively normal. Interspersed in the surrounding red blood cells are scattered neutrophils and some lymphocytes. The lymphoid cells are irregular in some of the fields. The hepatocytes in some areas are slightly vacuolated.

Spleen: Submitted are 2 very good videos of excellent collections of cells from the spleen in Violet. There are large aggregates of cells that have the appearance of round cells. These cells appear to be lymphoid cells that are much more prominent than expected in the spleen. These cells are aggregated and irregular with scattered large cells throughout the collection. Small cells are not the most numerous cellularity in these aggregates. Occasionally these cells are spread throughout. There are scattered neutrophils in the collection.

**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

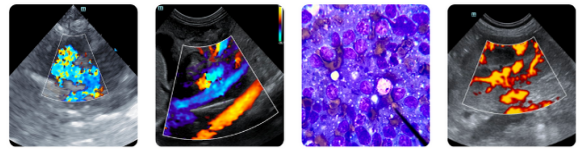
Liver - Mild hepatocellular vacuolization with increased inflammatory cells surrounding hepatocytes suggesting inflammation or possible lymphoma.

Spleen - Large numbers of lymphoid cells that appear to be large to intermediate supporting splenic lymphoma.

**COMMENTS**

The cellularity in the liver is not diagnostic of a neoplastic process but is more suggestive of inflammation with lymphoid cell response. However since there are large numbers of lymphoid cells in the spleen, the lymphoid cells in the liver could support lymphoma as well.

The cellularity in the spleen is strongly supportive of lymphoma. These are massive aggregates of lymphoid cells with some irregularity of the cells supporting neoplasia. Confirmation could be undertaken with PARR testing if further testing is desired to confirm lymphoma. There is inflammation in both the spleen and liver but that appears to be a minor part of the process in this case. A guarded to unfavorable prognosis is warranted with the cellularity in the spleen.



**PATIENT CYTOLOGY IMAGE**

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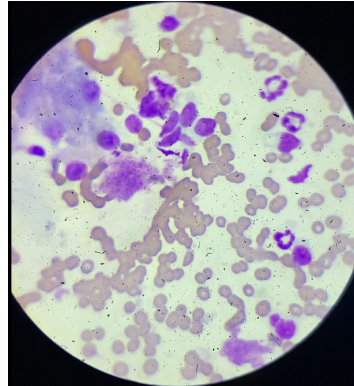
Dr. Candelaria

**INVOICE**

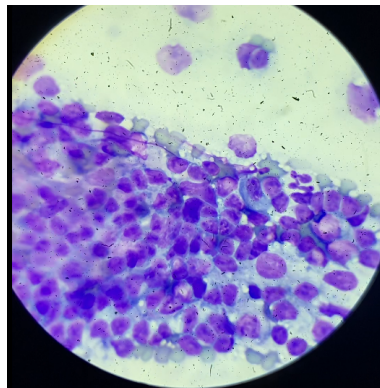
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This is an image of cells collected from the liver in Violet. Note the neutrophils and scattered lymphocytes with hepatocytes in the upper left.



This is an image of a group of apparent lymphoid cells collected from the spleen in Violet. Note the larger cells present with the large number of round cells in this aggregated collection.

**The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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 Dr. Cottonwood Heights, UT 84121

Cell: 801-865-1220 [Ldmcgill.vetpath@gmail.com](mailto:Ldmcgill.vetpath@gmail.com)