



**DATE** **PRESENTING CLINICAL SIGNS**  
5/4/22 Not Anorexia, acute weight loss, abdominal mass felt  
ALT 215, Mild anemia (Hct 23%), PT/PTT WNL

**INTERPRETED BY** **CYTOLOGY SUBMISSION**  
L.D. McGill, DVM, Ph.D, DACVP FNA of Liver & Spleen

**PATIENT** **OBSERVATIONS**  
Wolsey Jamieson Liver: Submitted are 3 excellent videos of moderate collections of cells from the liver in Wolsey. There are packets of hepatocytes that demonstrate mild vacuolization of the cytoplasm. There are scattered neutrophils and lymphocytes throughout the background. Malignant characteristics are not identified. Spleen: Submitted are 3 excellent videos of moderate collections of cells from the spleen in Wolsey. The cellularity is mixed throughout many of the fields. There are other fields that demonstrate large numbers of round cells and many cells with naked nuclei. Degenerate debris and smudged nuclear material is present. There are some fields that have enlarged lymphoid cells with very few small mature lymphocytes.

**SPECIES** **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**  
Feline Liver - Mild hepatocellular vacuolization with mild inflammation.  
Spleen - Mild inflammation with increased numbers of round cells suggestive of lymphoma.

**BREED** **COMMENTS**  
DSH The cellularity in the liver is not specific. The changes are secondary to metabolic problems which could be secondary to pancreatitis or other changes in the abdominal cavity. Neoplasia is not suggested. The changes in the spleen are suggestive of a potential round cell neoplasia and further evaluation is encouraged. These slides can be sent out for immunophenotyping to assist in confirming whether lymphoma is present or not. There are large numbers of naked nuclei in this collection suggesting that the smearing was a little heavy. Atypical lymphoid cells are also very fragile, and this may represent an increased number of those cells. Again, further diagnostic evaluation is encouraged.

**AGE**  
14y

**WEIGHT**  
10#

**HOSPITAL NAME**  
Tranquility VC

**REFERRING VET**  
Dr. Christensen

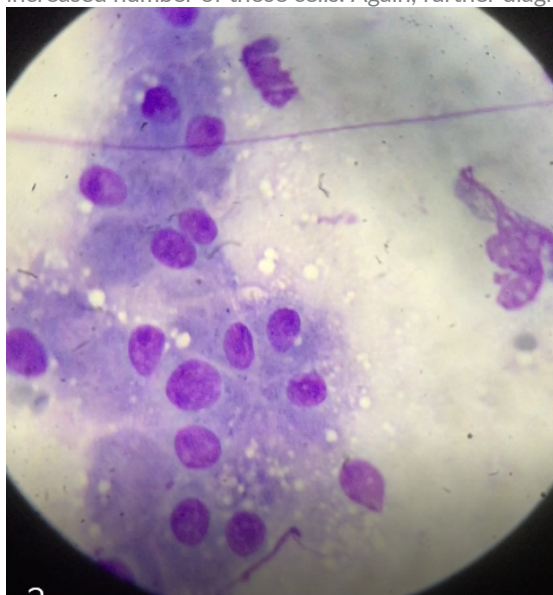


Image shows hepatocytes with vacuolization collected from Wolsey.

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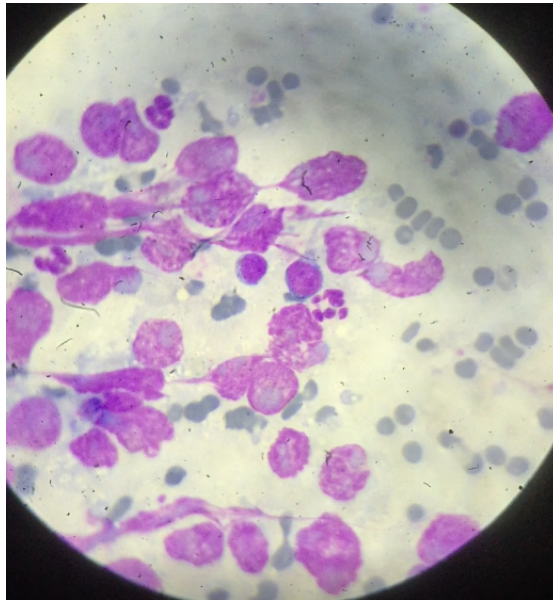
L.D. McGill, DVM,  
Ph.D., DACVP

**PATIENT**

Wolsey Jamieson

**SPECIES**

Feline



**BREED**

Image shows a field of representative structures from the spleen in Wolsey. Many of the nuclei are naked and thus unidentifiable. There are small lymphocytes and a neutrophil present.

**DSH**

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.

**SEX**

Male Neutered

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.

**AGE**

14y

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