

**DATE PRESENTING CLINICAL SIGNS**

12/20/22

History: History: loss of appetite, jaundiced Current Medications Mirataz

Abnormal PE/Chem/CBC/UA Results: AST = 434, ALT = 543, Alk Phos = 775, GGT = 12, T Bili = 5.9(12/13/22) had Blood work done 2 weeks ago and was nearly the same. (so no change in spite of antibiotics, SQ fluids, Mirataz use) lab work is otherwise normal.

**INTERPRETED BY**

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

**CYTOLOGY SUBMISSION**

FNA of Liver & Spleen

**PATIENT**

Marley Lundquist

**OBSERVATIONS**

Liver: Submitted are 3 excellent videos of cells collected from the liver in Marley. There is a mixture of inflammatory cells including neutrophils, lymphocytes and scattered eosinophils. The lymphocytes are reactive. Where hepatocytes are identified, there is marked vacuolization of the hepatocytes in irregular patterns. These vacuoles support severe lipid infiltration.

Spleen: Submitted are 4 excellent videos of moderate collections of cells from the spleen in Marley. There is a mixture of cells that include neutrophils, lymphoid cells, macrophages and a few nucleated red blood cells. The lymphocytes are mainly small to intermediate. Atypical cells or malignant characteristics are not identified.

**SPECIES**

Feline

**BREED**

DMH

**SEX**

Male Neutered

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Liver - Severe hepatocellular lipidoses consistent with feline fatty liver syndrome and moderate chronic suppurative and lymphocytic hepatitis.

Spleen - Moderate chronic suppurative splenitis with mixed cell inflammation.

**AGE**

11y

**COMMENTS**

The cellularity in this collection is characteristic of his severe feline fatty liver syndrome with secondary inflammation. The inflammation easily could be chronic cholangiohepatitis.

Lymphocytic malignancy is not identified. The changes in the spleen support chronic inflammation which could be a mixture of any type of process. It could be due to inflammation in the pancreas or intestine or inflammation in other organs. Ascending cholangiohepatitis easily could be part of the process in the liver. A guarded prognosis is warranted due to the inflammatory process present affecting other organs and not being certain as to the source of chronic inflammation. An atypical lymphoma cannot be ruled out but is not diagnosed from this collection.

**WEIGHT**

14 lbs

**HOSPITAL NAME**

Q street animal Hospital

**REFERRING VET**

Dr. Bretschneider

**INVOICE NUMBER**

40623



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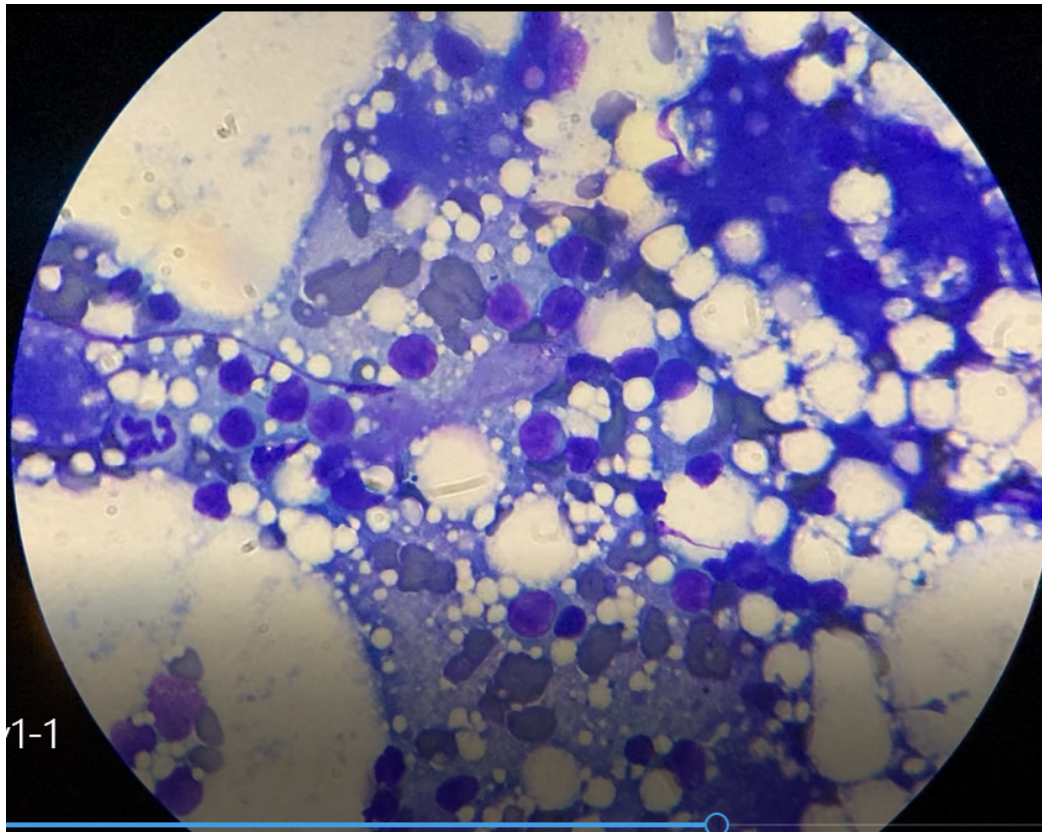
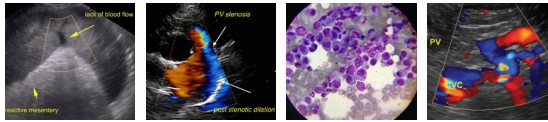


Image shows markedly vacuolated hepatocytes and a mixture of inflammatory cells collected from the liver in Marley. The changes suggest chronic inflammation and lipodosis.



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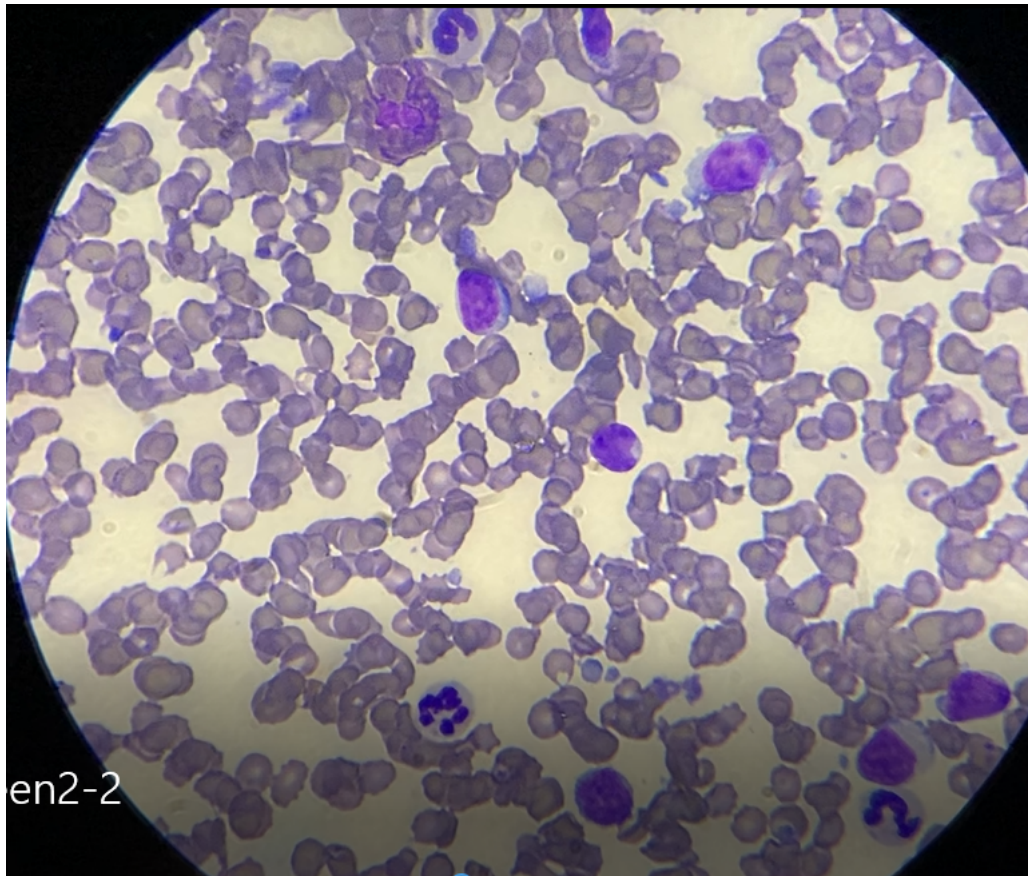


Image shows a representative collection of cells from the spleen in Marley. Note the lymphocytes and neutrophils. The lymphocytes are reactive.

**AGE**

11y

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.

**WEIGHT**

14 lbs

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.

**HOSPITAL NAME**

Q street animal Hospital

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