



DATE PRESENTING CLINICAL SIGNS

9/7/22 Weight loss, decreased appetite and vomiting.

PE: BCS 2/9
BW (8/25): ALT 477, AST 149, ALP 81, T Bili 2.6, Conj. bili 1.7.
UA: SG 1.050, Bili 2+, Prot 3+.

INTERPRETED BY AUS: partially to fully obstructed CBD with mineralized debris/sludge/stones. Entire GB and cystic duct lined with mineralized debris/stones.

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

CYTOLOGY SUBMISSION

Liver

PATIENT OBSERVATIONS

Ozzie Hamel Liver: Submitted are 12 excellent videos of cells collected from the liver in Ozzie. There are hepatocytes scattered throughout with vacuolization and granularity. Interspersed in the surrounding red blood cells are moderate to large numbers of lymphoid cells and neutrophils. There is some hemorrhage in the collection. Scattered aggregates of apparent biliary cells are identified. Malignant characteristics are not identified in the epithelium or in the liver. The number of lymphoid cells is increased over what would be expected for normal in the liver of a cat. Neutrophils are increased as well.

SPECIES

Feline

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED Liver - Hepatocellular vacuolization and lipidosis consistent with early feline fatty liver syndrome with increased numbers of lymphocytes and neutrophils.

DSH

COMMENTS

SEX

Male Neutered

The cellularity in this collection is not specific but with the increased numbers of lymphocytes, I am concerned about the possibility of lymphoma. There is extensive inflammation as well. If this is not lymphoma, then it is a rather severe lymphocytic cholangiohepatitis. That may have caused fibrosis. Confirmation of the diagnosis of what may be occurring in the liver will likely require follow up biopsies. Cytologically there is a mixed cell collection which could be inflammatory or neoplastic. I am unable to confirm biliary or hepatocellular carcinoma.

AGE

17y

WEIGHT

7.2 lbs

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Peyser

INVOICE NUMBER

788



DATE

9/7/22

INTERPRETED BY

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

PATIENT

Ozzie Hamel

SPECIES

Feline

BREED

DSH

SEX

Male Neutered

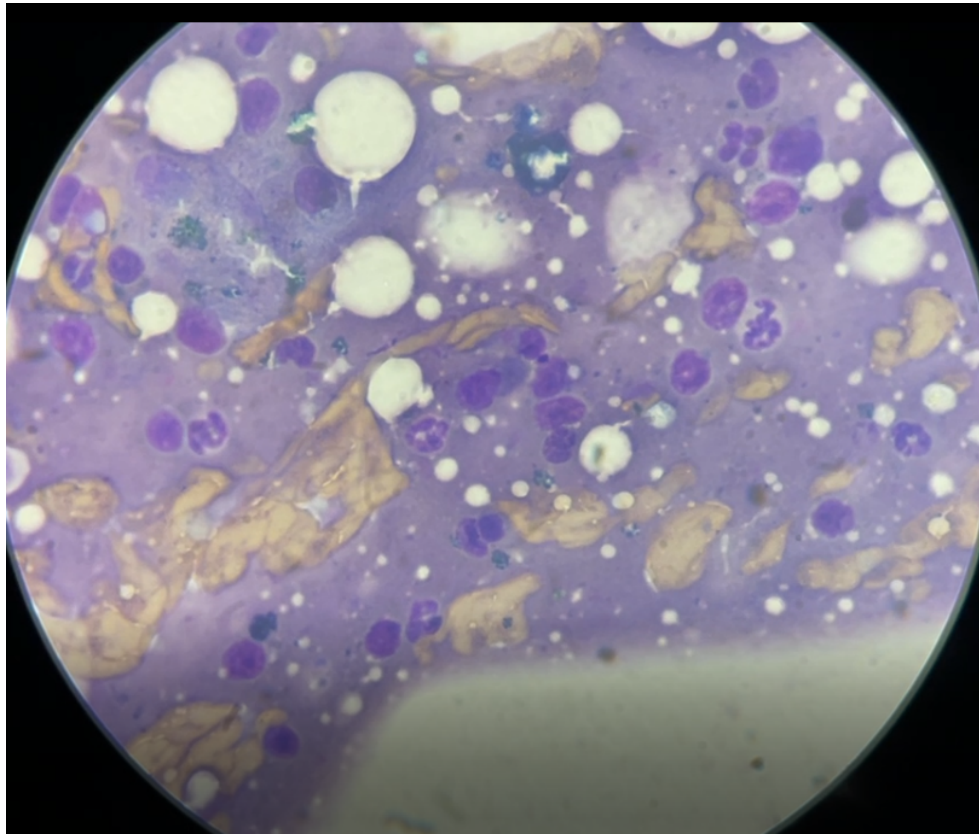


Image shows a group of mixed cells collected from the liver in Ozzie. There are hepatocytes in the upper left with a good number of lymphocytes and neutrophils scattered throughout.

AGE

17y

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

7.2 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

Scanvet

L.D. McGill, DVM, Ph.D., DACVP
8288 Top of the World Drive
Cottonwood Heights, UT 84121
ldmcgill.vetpath@gmail.com
cell: 801-865-1220

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