



DATE PRESENTING CLINICAL SIGNS

8/11/21

Decreased appetite. Current meds: Metronidazole. U/S findings: Liver-Lobar biliary duct dilation was noted owing to post hepatic obstruction.

INTERPRETED BY

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

The gallbladder revealed a 1.13 cm calculus with echogenic debris. The gallbladder wall was mildly thickened and echogenic. The common bile duct was followed to the duodenal papilla. The common bile duct appeared to taper normally, yet the common bile duct was excessively dilated up to 0.5 cm. The hepatic lymph nodes are slightly enlarged and measured 0.6 cm. Spleen-The spleen was mildly enlarged with uniform, but subtly micronodular parenchyma, and undulating capsular contour.

PATIENT

ALT 393, TBili 5.7, Mag 2.7, Chol 307, Amyl 1891, PSL 50,
Lymphs 9, Mono 8, Neuts 11,680, Mono 1280, eos 1600, USG 1.048

Chappy Macdonald

CYTOLOGY SUBMISSION

FNA of Liver & Spleen

SPECIES

Feline

OBSERVATIONS

Liver: Submitted are 3 excellent videos of moderate to excellent collections of hepatocytes and surrounding cells from the liver in Chappy. The hepatocytes demonstrate slight vacuolization. There is some suggestion of lipid in hepatocytes. Inflammatory cells are prominent around the hepatocytes and in the red blood cells in the surrounding collection. The inflammatory cells include neutrophils and some lymphocytes. Scattered macrophages are observed.

BREED

DSH

Spleen: Submitted are 4 excellent videos of moderate collections of cells from the spleen in Chappy. The cellularity is mixed and includes many neutrophils, scattered lymphocytes and large numbers of nucleated RBCs. Megakaryocytes are identified in several locations. There are scattered packets of apparent macrophages interspersed with inflammatory cells but there is no suggestion of neoplasia.

SEX

Male Neutered

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Chronic pyogranulomatous hepatitis with hepatocellular vacuolization and probable early feline fatty liver syndrome.

AGE

13yr

Spleen - Chronic suppurative splenitis with extramedullary hematopoiesis.

COMMENTS

WEIGHT

9.8#

The changes in the liver support chronic inflammation and evidence of secondary hepatocellular change. This could be due to biliary obstruction or possibly due to pancreatitis ascending up the biliary tree with inflammation. There is no suggestion of malignancy nor do we find changes supporting sepsis. The changes are more characteristic of chronic inflammation which is likely secondary to the biliary problem or pancreatitis.

HOSPITAL NAME

Animal Care Clinic of
Flanders

The changes in the spleen are likely secondary to the problems in the liver. This could be due to inflammation in the biliary tree, pancreatitis or other changes. There is no suggestion of neoplasia or sepsis in the spleen. Further treatment for the gallbladder obstruction and possible pancreatitis is encouraged in this case.

REFERRING VET

Dr. Hargadon

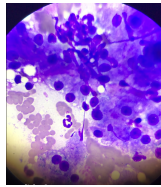
INVOICE NUMBER

70394



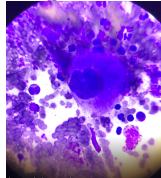
DATE

8/11/21



INTERPRETED BY

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



PATIENT

Chappy Macdonald

Image shows vacuolated hepatocytes with scattered inflammatory cells collected from Chappy.

Image shows cells collected from the spleen in Chappy. The large megakaryocyte is easy to see.

SPECIES

Feline

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.

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.

BREED

DSH

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

SEX

Male Neutered

8288 Top of the World Drive
Cottonwood Heights, UT 84121
ldmcgill.vetpath@gmail.com
cell: 801-865-1220

AGE

13yr

WEIGHT

9.8#

HOSPITAL NAME

Animal Care Clinic of
Flanders

REFERRING VET

Dr. Hargadon

INVOICE NUMBER

70394