



DATE PRESENTING CLINICAL SIGNS

1/17/22

Presented on ER today for ADR, vomiting, less mobile. Indoor only cat, no ongoing health problems other than otitis. Eats vegan diet with taurine added.

Some thinning along topline with pendulous abdomen; oily/unkept coat; vitals normal

Labs: elev ALT 1900 (ref <100), sl bili elev 1.5, elev lipase 4308; UA unremarkable; CBC normal

INTERPRETED BY

Radiographs unremarkable

Abdominal ultrasound performed (See Dr. L's report)

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

CYTOLOGY SUBMISSION

FNA of Liver & Spleen

PATIENT

Annie McVarish

OBSERVATIONS

Liver: Submitted are 8 excellent videos of excellent collections of hepatocytes from the liver in Annie. The hepatocytes demonstrate a consistent change which is vacuolization of the cytoplasm throughout all of the hepatocytes. These vacuoles are irregular in size and shape. They are most consistent with lipid vacuoles. The hepatocytes are surrounded by red blood cells with scattered neutrophils, rare lymphocytes and eosinophils. Malignant criteria are not identified.

SPECIES

Feline

Spleen: Submitted are 5 excellent videos of moderate to excellent collections of cells from the spleen in Annie. The cellularity is mixed. There are multiple aggregates of spindloid cells with macrophages interspersed with lymphocytes, nucleated red blood cells and neutrophils. No specific cell type is overwhelming and thus it is a mixed collection. There are no changes supporting malignant criteria in the spleen.

BREED

DSH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Moderate to marked hepatocellular vacuolization consistent with early fatty liver syndrome.

Spleen - Mixed cellularity with fibrohistiocytic nodules suggestive of mild splenitis.

SEX

FS

COMMENTS

The changes in the liver are those of rather early hepatocellular lipidosis. This suggests early fatty liver syndrome. The primary cause of this type of change in the cat is pancreatitis. With some of the pancreatic enzymes being markedly increased and the fatty liver change, pancreatitis appears to be the major problem in Annie.

AGE

11yr

The changes in the spleen are likely secondary inflammatory changes from what is occurring in the pancreas and secondary to problems in the liver. There are no changes in either of the collections to suggest neoplasia or sepsis. A guarded prognosis is always warranted in the case of chronic pancreatitis in the cat.

WEIGHT

5.7kg

HOSPITAL NAME

Animal Emergency Care

REFERRING VET

Dr. Bailey/AEC

INVOICE NUMBER

70449



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L.D. McGill, DVM,
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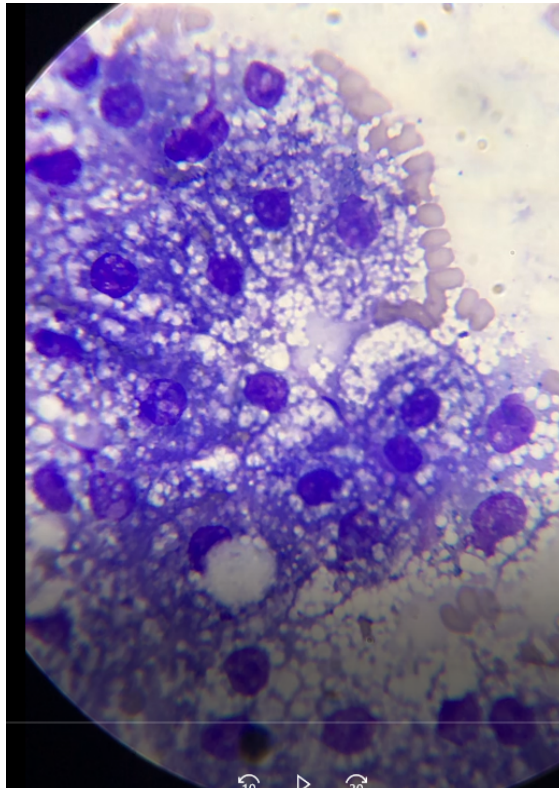


Image shows hepatocytes with irregular vacuolization and lipidosis collected from Annie.

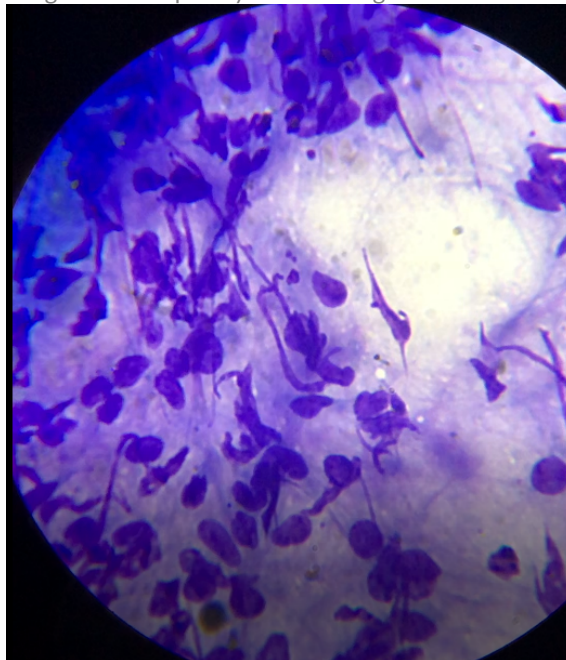


Image shows the mixed cells with spindle cells collected from the spleen in Annie. There are many small lymphocytes.



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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.

INTERPRETED BY

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

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.

PATIENT

Annie McVarish

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cell: 801-865-1220

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