



DATE PRESENTING CLINICAL SIGNS

12/22/21

Presented yesterday for lethargy, decreased appetite and vomiting. Elevated LE
PE: T 102.5, mild jaundice, in heat, swollen mammary glands.
ALP 253, ALT 275, Glob 2.4, Alb 3.4.

FIP PCR (whole blood) Neg

INTERPRETED BY

AUS: mild to moderate hepatomegaly, overdistended urinary bladder, all else WNL.

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

CYTOLOGY SUBMISSION

Liver

OBSERVATIONS

PATIENT

Millie Allen

Liver: Submitted are 13 excellent videos of cells collected from the liver in Millie. The cells are mainly hepatocytes with vacuolization and minimal granularity. There are scattered neutrophils and lymphocytes but they are inadequate in numbers to support inflammation. The major process is the diffuse uniform vacuolization of the hepatocytes with some free vacuolated material in the surrounding smears and erythrocytes. There are no criteria of malignancy or sepsis.

SPECIES

Feline

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Moderate, diffuse hepatocellular vacuolization in all of the hepatocytes available to evaluate.

COMMENTS

BREED

DSH

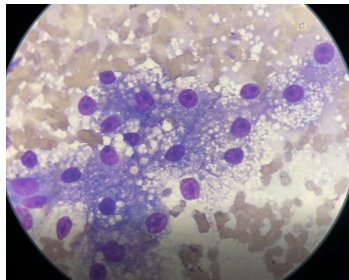
The vacuolization in these hepatocytes is extremely uniform and diffuse. In some areas the vacuoles appear to be large enough to be lipid. In many areas the vacuoles are not that large. My first concern is one of early hepatocellular lipidosis or fatty liver which could be secondary to pancreatitis or enteritis or other metabolic diseases. My second concern is the possibility of some type of glycogen storage disease in Millie. This diagnosis will require follow-up liver biopsies to confirm. There is no suggestion of malignancy or inflammation. A guarded prognosis is warranted. As stated previously, a follow-up biopsy will likely be required to confirm the diagnosis in the liver if pancreatitis or enteritis cannot be identified.

SEX

Female

AGE

7 mo



WEIGHT

6 lb 4 oz

Image shows vacuolization throughout the hepatocytes collected from Millie. The vacuolated material is present surrounding RBCs around the hepatocytes.

HOSPITAL NAME

Scanvet

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.

REFERRING VET

Dr. Bennett

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.

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

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L.D. McGill, DVM,
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PATIENT

Millie Allen

SPECIES

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