



DATE PRESENTING CLINICAL SIGNS

12/28/21

Icteric, splenohepatomegaly. u/s findings: The liver was uniform enlarged. Hypoechoic hepatic parenchyma was noted compared to the falciform fat with generalized swelling. The spleen was mildly enlarged with uniform, but subtly micronodular parenchyma, and undulating capsular contour. Current meds: Ampicillin, ivf.

INTERPRETED BY

Elevated alt, alp, tbili

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

CYTOLOGY SUBMISSION

FNA of Liver & Spleen

PATIENT

Felix Ebbinghouser

OBSERVATIONS

Liver: Submitted are 3 excellent videos of cells collected from the liver in Felix. Hepatocytes are quite prominent throughout the collection. The hepatocytes demonstrate vacuolization with multifocal vacuoles consistent with lipid. Interspersed throughout the hepatocytes are scattered mononuclear lymphoid cells and scattered neutrophils. Malignant criteria are not identified.

Spleen: Submitted are 4 excellent videos of cells collected from the spleen in Felix. The cellularity consists of large numbers of round cells interspersed with neutrophils and nucleated RBCs. A few macrophages are present. The lymphoid cells are represented with large numbers of round cells with nuclei that are quite large and some very small nuclei. Many of the nuclei are intermediate size. The majority of the fields include large numbers of these round cells. The cells have minimal cytoplasm and are atypical lymphoid cells. Many of the nuclei of the lymphocytes are larger than neutrophils.

SPECIES

Feline

BREED

DSH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Moderate hepatocellular lipidosis with a mild cellular infiltration.
Spleen - Consistent with intermediate to high grade lymphoma.

SEX

Male Neutered

COMMENTS

The cellularity in the liver supports moderate hepatocellular vacuolization with no evidence of primary lymphoma. The hepatic lipidosis could easily contribute to the icterus. There are changes in the spleen that suggest lymphoma. Lymphoma can be a problem in the cat and identifying the cell type may or may not add to the prognosis. These slides can be sent out for immunophenotyping, but this may not be beneficial. If problems continue, then splenectomy and reestablishment of alimentation is encouraged. An unfavorable prognosis is warranted in my opinion.

AGE

10yr

WEIGHT

10.6#

HOSPITAL NAME

Newton Veterinary
Hospital

REFERRING VET

Dr. Kim

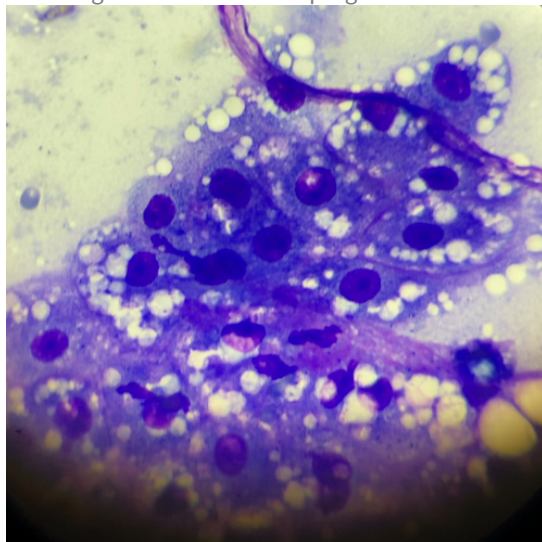


Image shows representative cells collected from the liver in Felix. Note the lipid vacuoles.

INVOICE NUMBER

70437



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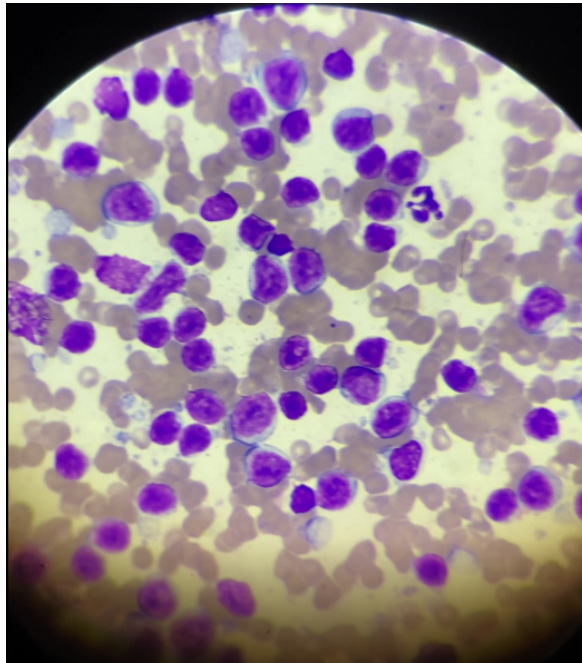


Image shows the atypical lymphoid cells collected from the spleen in Felix. Note the large lymphocytes with prominent nucleoli.

SEX

Male Neutered

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.

AGE

10yr

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.

WEIGHT

10.6#

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