



DATE PRESENTING CLINICAL SIGNS

8/13/22 Large abscess on neck, ruptured. US showed swollen spleen, liver cholangitis pattern, prominent hypoechoic pancreas, enlarged sublumbar lymph node. FNA of liver and spleen performed 25g. R/) infectious with splenitis vs other

INTERPRETED BY CYTOLOGY SUBMISSION

Liver; spleen

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

OBSERVATIONS

Liver: Submitted are 5 excellent videos of cells collected from the liver in Harley. The cellularity consists of good collections of hepatocytes that appear to be within normal limits. Interspersed are large numbers of neutrophils and a few small mature lymphocytes. The neutrophils are identified in the surrounding red blood cells and interspersed in the hepatocytes. They are definitely increased in numbers.

PATIENT

Harley Ninivoggi

Spleen: Submitted are 4 excellent videos of cells collected from the spleen in Harley. The cellularity is minimal to moderate but fairly consistent throughout the videos. They consist of neutrophils, lymphocytes and nucleated RBCs. Malignant characteristics are not identified. Neutrophils are quite prominent and occasionally show band cells. There are even some more immature neutrophilic cells in the collection. Malignant characteristics are not confirmed in this collection.

SPECIES

Feline

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Liver - Normal hepatocytes with evidence of chronic suppurative hepatitis.
Spleen - Chronic suppurative splenitis with hematopoiesis.

DSH

COMMENTS

The changes in these two organs suggest the likelihood of some type of inflammatory process and very likely it is leaking from the abscess. There is no suggestion of malignancy. Although the changes in the spleen suggest red cell regeneration, there is no evidence that this is abnormal regeneration. It could be the result of sepsis and chronic inflammation. The neutrophilic series is regenerating as well and thus supporting a chronic inflammatory process. The liver is also suggesting an inflammatory process which would suggest a systemic inflammatory response. I cannot confirm sepsis but it is possible in Harley. A guarded prognosis is warranted depending upon how Harley responds to therapy.

SEX

Male Intact

AGE

1y

WEIGHT

5.6#

HOSPITAL NAME

Animal Care Centers of
Landing

REFERRING VET

Dr. Hargadon

INVOICE NUMBER

773



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8/13/22

INTERPRETED BY

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

PATIENT

Harley Ninivoggi

SPECIES

Feline

BREED

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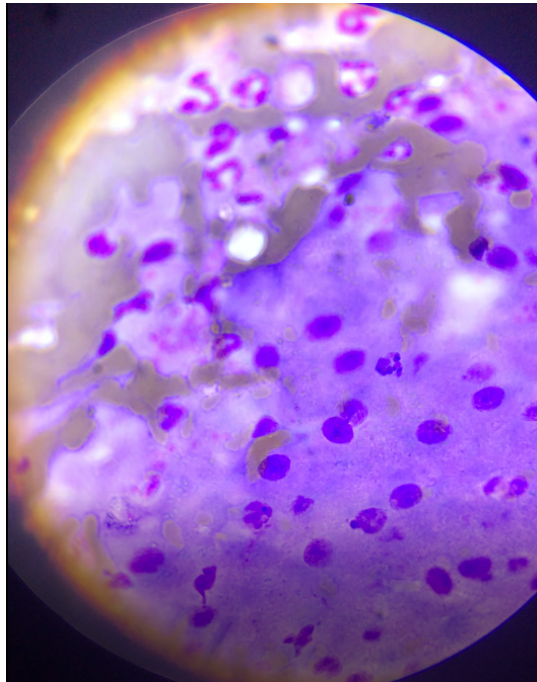


Image shows hepatocytes collected from Harley. Note the prominent neutrophils. Some are slightly out of focus in the upper part of the image. The number of neutrophils is definitely increased in the liver in Harley.

SEX

Male Intact

AGE

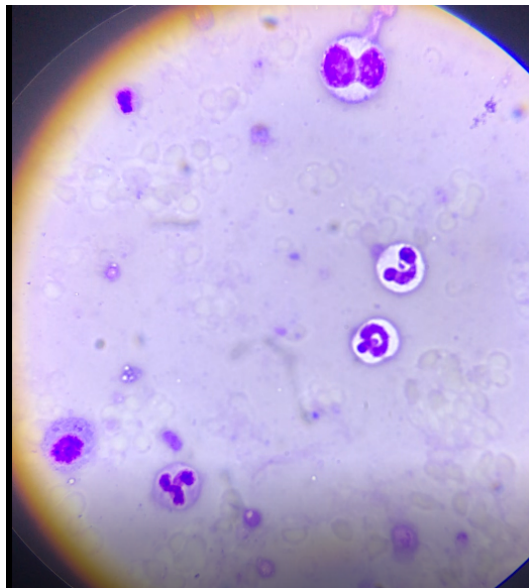
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Image shows some representative cells from the spleen in Harley. Note the neutrophils and NRBC in the lower left. RBCs are present in the background.

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DATE 8/13/22 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.

L.D. McGill, DVM,
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L.D. McGill, DVM, Ph.D., DACVP
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PATIENT Harley Ninivoggi

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