

PATIENT

Max Kouyoumdjian

SPECIES

Canine

BREED

Mini Schnauzer Mix

SEX

Neutered male

AGE

11 years

WEIGHT

-

INTERPRETED BY

Dr. Lawrence McGill,
DVM,Ph.D.,Diplomate,
ACVP

**IMAGING
PERFORMED BY**

Kerri Becker

HOSPITAL NAME

New Bridge VH

REFERRING VET

Dr. Glennon

INVOICE

78141

DATE

5/29/26

PRESENTING CLINICAL SIGNS

History: FNA Liver- Pt/Ptt normal, see prev. U/S

CYTOLOGY SUBMISSION

FNA of the liver was submitted

OBSERVATIONS

Liver: Submitted are 5 excellent videos of cells collected from the liver in Max. The hepatocytes demonstrate slight granularity and vacuolization. There is minimal other cellular change in the very few hepatocytes that were collected with this aspiration. They are scattered throughout in small groups or occasionally 2 to 3 cells per group. There are scattered inflammatory cells in the surrounding red blood cells which include neutrophils, lymphocytes and macrophages. Scattered lymphoid cells are large but they are not present in numbers that efface the tissue in the liver. They suggest reactive lymphoid cells in the liver.

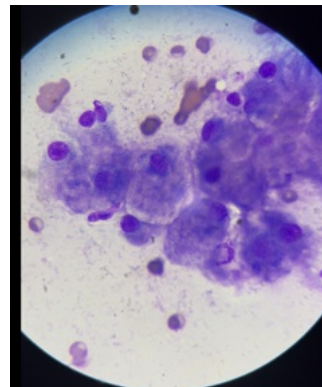
INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Liver - Mild hepatocellular vacuolization, swelling and granularity with mild chronic suppurative hepatitis.

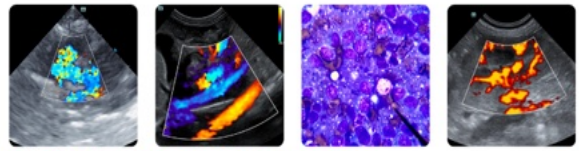
COMMENTS

The changes in this liver tissue did not support neoplasia in this collection but there is definite evidence of inflammation. The inflammation appears to be chronic with neutrophils and lymphoid cells. Some of the lymphoid cells appear to be more reactive than others. I would wonder about the possibility of some type of chronic liver disease such as leptospirosis or other ascending inflammatory processes. A follow-up liver biopsy may be required to confirm this change. I have seen this type of inflammatory process occur secondarily as a result of pancreatitis or enteritis. Treatment for inflammation and evaluation for pancreatitis or enteritis is encouraged. If leptospirosis is in your area, then testing for that disease process is encouraged as well. A guarded prognosis is warranted since this is likely secondary to some process unless it turns out to be leptospirosis.

CYTOLOGY IMAGE



This is an image demonstrating representative hepatocytes with slight swelling of the hepatocytes and very few inflammatory cells associated in this aspiration from Max.



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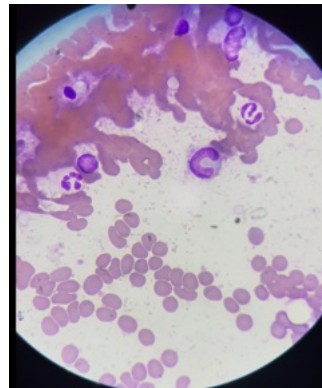
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This is an image of inflammatory cells collected interspersed with red blood cells from the liver aspiration from Max. Note the neutrophils and scattered lymphocytes.

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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.

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

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