



DATE PRESENTING CLINICAL SIGNS

6/17/22

P hx: Vomiting, pancreatitis, decreased appetite. U/S findings: The liver presented a uniform vacuolar hepatopathy pattern with heterogeneous expansive hepatoma type nodule at the caudal aspect of the left lateral liver lobe measuring 5.7 cm, appears resectable. This is pedunculated and should be removed, even though likely benign.

INTERPRETED BY

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

CYTOLOGY SUBMISSION

FNA of Liver

PATIENT

Luna Sebastian

OBSERVATIONS

Liver: Submitted are 3 excellent videos of moderate to excellent collections of cells from the liver in Luna. The hepatocytes are identified in many fields. The hepatocytes demonstrate vacuolization to a moderate degree in many of these fields. Other hepatocytes are granulated. The hepatocytes are surrounded by red blood cells and a mixture of inflammatory cells including moderate numbers of neutrophils. Some lymphocytes are identified. There are fields where hepatocytes are piled upon each other suggesting possible hyperplasia. Malignant characteristics are not identified.

SPECIES

Canine

BREED

Pitbull

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Hepatocellular vacuolization and granularity with mild chronic suppurative inflammation and possible nodular hyperplasia.

SEX

FS

COMMENTS

The hepatocytes support vacuolar change as described by ultrasound. There are some changes that could suggest nodular hyperplasia. The major change appears to be the suppurative inflammation with some lymphocytes. The suppurative inflammation may support a bacterial infection ascending up the biliary tree following pancreatitis or possibly associated with leptospirosis. Hepatocellular malignancy is not suggested from the collection, but nodular hyperplasia is possible. Antibiotic therapy and continued evaluation of other organs to identify the underlying source is encouraged. The lymphocytes present could suggest the possibility of a lymphocytic cholangiohepatitis which could be ascending or primary. A guarded prognosis is warranted.

AGE

9yr

WEIGHT

78 lbs

HOSPITAL NAME

Rockaway Animal
Hospital

REFERRING VET

Dr. Maniar

INVOICE NUMBER

40548



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L.D. McGill, DVM,
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PATIENT

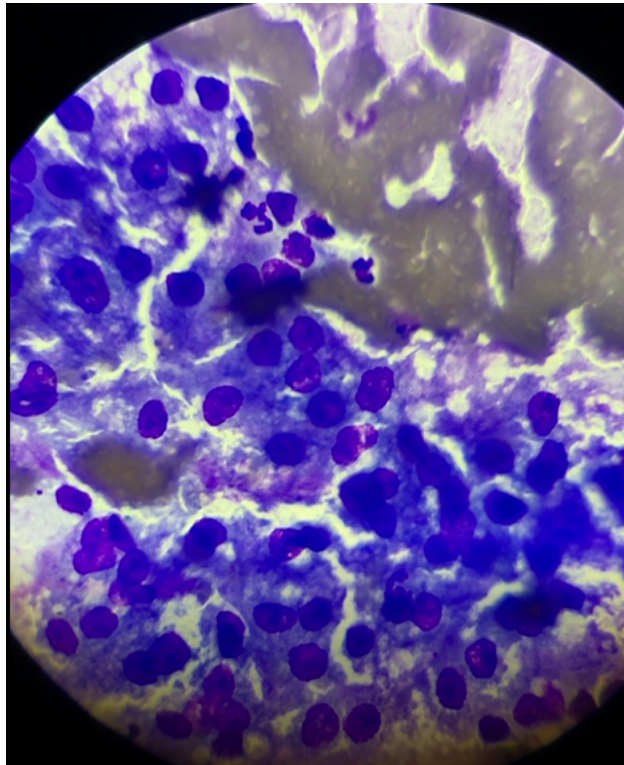
Luna Sebastian

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Image shows a group of hepatocytes with vacuolization and granularity with a few associated neutrophils in the upper part of the image from the hepatocytes collected from Luna. Some of the hepatocytes may be piled upon each other.

AGE

9yr

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.

WEIGHT

78 lbs

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.

HOSPITAL NAME

Rockaway Animal
Hospital

L.D. McGill, DVM, Ph.D., DACVP
8288 Top of the World Drive
Cottonwood Heights, UT 84121
ldmcgill.vetpath@gmail.com
cell: 801-865-1220

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