



DATE PRESENTING CLINICAL SIGNS

10/16/21

Icteric, weight loss, vomiting, decreased appetite. Current meds: amoxicillin, metronidazole, denamarin

INTERPRETED BY CYTOLOGY SUBMISSION

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

U/S Guided FNA: Liver

PATIENT

Simon Sanders

OBSERVATIONS

Liver: Submitted are 7 excellent videos of cells collected from the liver in Simon. The cellularity consists of large numbers of aggregates of hepatocytes. These hepatocytes demonstrate granularity of the cytoplasm with scattered vacuolization. The cells are not atypical. There are scattered inflammatory cells in the surrounding RBCs. The hepatocytes or other cellular collections that might be neoplastic do not show characteristics expected for neoplastic disease. Many of the videos are low to intermediate power videos. Higher power videos may be beneficial but probably not in this case.

SPECIES

Canine

BREED

Lab

ULTRASONOGRAPHIC DIAGNOSIS

Hepatopathy with intermittent subtle parenchymal nodules.

SEX

Male Neutered

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Hepatocellular vacuolization and granularity with no evidence of primary hepatocellular degenerative change.

AGE

13yrs

COMMENTS

The changes in the liver suggest some type of metabolic liver disease including the potential of pancreatitis or enteritis resulting in endotoxins draining to the liver. There is no suggestion of malignancy in this tissue nor is there evidence of a primary infectious change. Leptospirosis could be a differential in this case since there is mild inflammation in the surrounding cells. At this time I suspect that these changes are secondary and not primary and very likely the result of hepatocellular vacuolization and granularity which is commonly a secondary change in the dog. Continued monitoring for the primary disease process is encouraged.

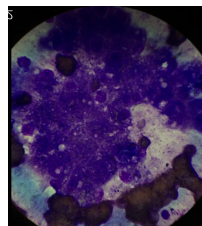
HOSPITAL NAME

Newton Veterinary
Hospital

Image shows the darkly stained hepatocytes with vacuoles and granularity. There are no characteristics of malignancy in this image.

REFERRING VET

Dr. Kim



INVOICE NUMBER

9082



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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.

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.

PATIENT

Simon Sanders

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cell: 801-865-1220

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