



DATE PRESENTING CLINICAL SIGNS

12/16/22

Hx of elevated ALT and ALKP for over 3 years duration despite medical management (denamarin, ursodiol, antibiotics). Spleen showed cystic regions. FNA 25g of liver and spleen
ALKP 1171, ALT 303

INTERPRETED BY

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

CYTOLOGY SUBMISSION

FNA of Liver & Spleen

PATIENT

Lexie Carrubba

OBSERVATIONS

Liver: Submitted are 6 excellent videos of moderate to excellent collections of cells from the liver in Lexie. The cellularity consists of good collections of hepatocytes. Many of the hepatocytes are vacuolated and granulated. Some of the hepatocytes are more severely vacuolated than others. There are scattered inflammatory cells which include lymphocytes, neutrophils and macrophages. There are a few cells that suggest spindloid cells. Malignant characteristics are not identified.

SPECIES

Canine

Spleen: Submitted are 5 excellent videos of moderate to excellent collections of cells from the spleen in Lexie. The cellularity consists of a mixture of cells including neutrophils, lymphocytes, nucleated RBCs and megakaryocytes. Malignant characteristics are not identified in any of the cells. There are some platelets suggesting acute hemorrhagic collection.

BREED

Morkie

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Hepatocellular vacuolization and granularity with mild chronic inflammation.
Spleen - Mixed cell collection with evidence of chronic splenitis

SEX

FS

COMMENTS

The changes in the liver suggest the likelihood of metabolic liver changes and secondary changes. There is evidence of chronic inflammation. This inflammation could be the result of chronic cholangiohepatitis or any type of chronic inflammatory process in the liver. It could be secondary to pancreatitis or enteritis. The changes in the spleen are secondary changes to inflammation likely in other organs such as pancreatitis or enteritis. The liver enzyme increase may be the result of maturing hepatocellular membranes and membrane leakage. This may not be a pathologic process only a maturing leakage of enzymes through leaky hepatocellular membranes. A guarded prognosis is warranted.

AGE

13y

WEIGHT

12.8#

PS:

Sorry but the internet is not consistent on the ship. I am unable to add photos to this report. I may be able to add them later if required. There are no specific changes to identify in photos except for general changes. Thanks for your patience.

HOSPITAL NAME

Whippany VH

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.

REFERRING VET

Dr. Enoch

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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