



DATE PRESENTING CLINICAL SIGNS

5/7/22

A large cystic mass of 3x1.7cm was found in the liver during ultrasound. It is heteroechoic with anechoic cavities in the right lateral liver lobe ventral to the gallbladder. Sample was obtained using ultrasound guided biopsy. Patient has history of pancreatitis and anemia.

INTERPRETED BY

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

CYTOLOGY SUBMISSION

Liver

PATIENT

Tiger Cortella

OBSERVATIONS

Liver: Submitted are 3 excellent videos of minimal cellular collections from the liver in Tiger. There are scattered aggregates of hepatocytes surrounded by red blood cells with very few inflammatory cells. The inflammatory cells are scattered lymphocytes and neutrophils. Malignant characteristics are not identified in any of the cells. The hepatocytes demonstrate irregular vacuolization. Other significant cellularity is not identified.

SPECIES

Feline

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Moderate hepatocellular vacuolization with very mild inflammation.

COMMENTS

The cellularity is minimal to moderate with all of the hepatocytes demonstrating vacuolization to a mild to moderate degree. This vacuolization could be the result of early hepatic lipidosis or feline fatty liver syndrome. It could also be secondary to other types of metabolic conditions. This may be a localized vacuolization or could be more diffuse in the liver. This type of change can be secondary to pancreatitis or enteritis or other metabolic problems in the cat. My concern is that this may not be representative of the underlying process. Exploratory and repeat biopsy may be required to confirm the process. This type of change is often secondary and not a primary change in the liver. A guarded prognosis is warranted since we are not certain as to the underlying disease process.

BREED

DSH

SEX

Male Neutered

AGE

16y

WEIGHT

11.6#

HOSPITAL NAME

Rotterdam Veterinary
Hospital

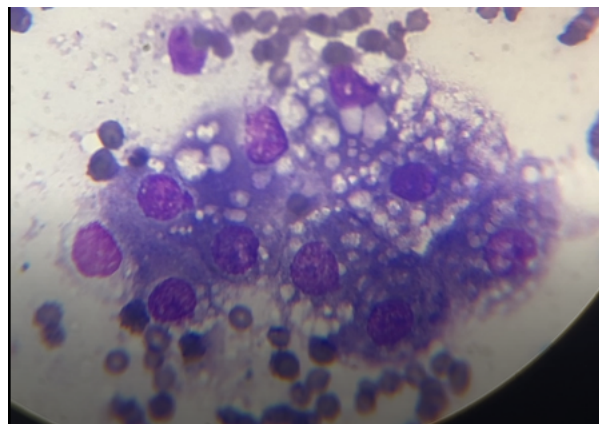


Image shows a representative collection of hepatocytes from the liver in Tiger. Note the prominent vacuoles throughout the hepatocytes.

REFERRING VET

Dr. St Sir

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.

INVOICE NUMBER

730



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