



**DATE** **PRESENTING CLINICAL SIGNS**  
5/31/22 Elev alt, 600 - Acts fine

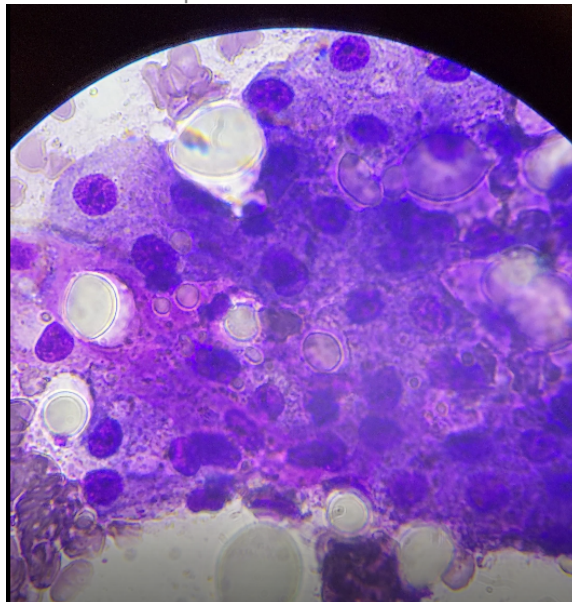
**INTERPRETED BY** **CYTOLOGY SUBMISSION**  
L.D. McGill, DVM, Ph.D, DACVP FNA of Liver

**PATIENT** **OBSERVATIONS**  
Mocha Petrzowski  
Liver: Submitted are 3 excellent videos of minimal to moderate collections of hepatocytes from the liver in Mocha. The hepatocytes demonstrate slight vacuolization and granularity with some lipid scattered throughout. There are very few inflammatory cells associated with the red blood cells around the hepatocytes. There are no malignant characteristics in the collection.

**SPECIES** **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**  
Canine  
Liver - Hepatocellular vacuolization and granularity with lipid and minimal inflammation.

**BREED** **COMMENTS**  
Lab  
The changes in these hepatocytes are minimal. There is some vacuolization and granularity. There is no suggestion of malignancy or sepsis. Many dogs will have elevated liver enzymes and live with them for a long time. There is no specific pathology in these hepatocytes to suggest a primary process. If problems continue, then a follow-up biopsy and evaluation for copper may be beneficial but very likely, Mocha will live a long life with liver enzymes increased. This is not unusual in many older dogs. There is still a possibility that the liver enzymes are increased secondarily as the result of other diseases such as pancreatitis or enteritis.

**SEX** Fs  
**AGE** 8y  
**WEIGHT** 80



**HOSPITAL NAME**  
Bayshore Veterinary Hospital

**REFERRING VET**  
Dr. Hunt  
Image shows hepatocytes collected from the liver in Mocha. Note the lipid vacuoles and granularity of the hepatocytes.

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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.

**INTERPRETED BY**

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

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**

Mocha Petrzowski

**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

**SPECIES**

Canine

**BREED**

Lab

**SEX**

Fs

**AGE**

8y

**WEIGHT**

80

**HOSPITAL NAME**

Bayshore Veterinary  
Hospital

**REFERRING VET**

Dr. Hunt

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