



PATIENT

Molly Bradish

SPECIES

Canine

BREED

Mixed

SEX

Spayed Female

AGE

~14 Years

WEIGHT

14.4 lbs

INTERPRETED BY

Dr. Lawrence McGill,
DVM,Ph.D.,Diplomate,
ACVP

IMAGING PERFORMED BY

Erin, LVT

HOSPITAL NAME

Central Veterinary
Hospital

REFERRING VET

Dr. Michel Hardaker

INVOICE

73146

DATE

2/20/26

PRESENTING CLINICAL SIGNS

Hx of Cushing's - treated with trilostane, hx of bladder stones. ADR last few days. Hx of multiple liver nodules from U/S 9/2025- U/S today 2/20/26 showed new liver nodule, 2.6 cm heteroechoic in left liver. U/S guided FNA of new liver nodule taken for pathology review

Abnormal PE/Chem/CBC/UA Results: Elevated ALP 1/2026

CYTOLOGY SUBMISSION

Liver.

OBSERVATIONS

Submitted are 8 excellent videos of very good collections of hepatocytes with a background of red blood cells from the liver in Molly. The hepatocytes demonstrate very mild anisokaryosis with vacuolization of the cytoplasm. The vacuolization is irregular and more prominent in some fields than others. The anisokaryosis is mild and is not characteristic of malignancy. The surrounding red blood cells include very few inflammatory cells.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Mild hepatocellular vacuolization with changes suggestive of nodular hyperplasia.

COMMENTS

The hepatocytes demonstrate mild vacuolization which could be secondary to hepatocellular membrane leakage into the cells. There is no suggestion of malignancy or sepsis in the collection. The red blood cells surrounding the hepatocytes have very few inflammatory cells and certainly nothing that would support neoplasia. These changes are secondary and may be due to the metabolic changes from Cushing's. Therefore these changes could be metabolic in nature and not due to any primary liver disease. They are likely secondary. Nodular hyperplasia easily could occur in multiple sites in the liver and I'm concerned that that is what is happening in the liver in Molly. Continued liver sparing therapy may be beneficial.

CYTOLOGY IMAGE

This image demonstrates a group of hepatocytes with vacuolization and slight anisokaryosis in the aspiration collected from the liver in Molly.



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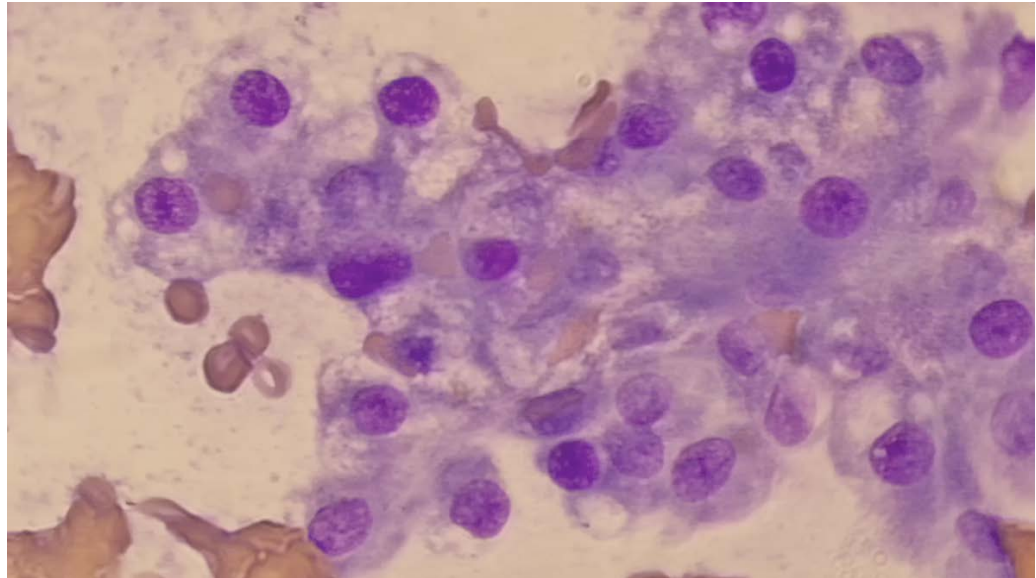
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

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