



PATIENT

Kali Daley

SPECIES

Canine

BREED

Mix

SEX

Spayed Female

AGE

8 Years

WEIGHT

62 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Karen Ebersole, DVM,
DABVP (Canine and
Feline)

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Porcelli

INVOICE

72388

DATE

12/5/25

PRESENTING CLINICAL SIGNS

History of recurring mast cell tumors; a new MCT tumor is scheduled for surgical removal. ALP was found to be markedly elevated from previous levels on BW. No clinical signs. FNA of liver to screen for MCT spread and further assessment of dramatic increase in ALP.

Abnormal PE/Chem/CBC/UA Results: PE: BCS 7/9 ALP 3700 (previously 348), ALT 214 (previous 149) AUS - Structurally normal abdomen. Normal sized adrenal glands. Spleen appears normal.

CYTOLOGY SUBMISSION

Liver.

OBSERVATIONS

Submitted are 6 excellent videos of excellent collections of cells from the liver in Kali. There are extremely good collections of hepatocytes in this collection. The hepatocytes demonstrate slight vacuolization and irregularity. There are scattered neutrophils and lymphocytes in the surrounding red blood cells. No mast cells were identified. There is no suggestion of malignant characteristics.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

No evidence of mast cell neoplasia but mild hepatocellular vacuolization.

COMMENTS

There were no mast cells identified in this collection. There is no suggestion of malignancy in any of the excellent collections of hepatocytes. The hepatocytes demonstrate vacuolization and slight granularity. There are very few inflammatory cells in the surrounding red blood cells. I suspect that some of the changes are the result of leakage of enzymes through the cell membranes of the hepatocytes due to maturation and weakness of the cell membranes. Continued monitoring may be required to rule out mast cell disease in the future but it is not identified in this collection.

CYTOLOGY IMAGE

This is an image of hepatocytes collected from the liver in Kali. Note the vacuolization of the hepatocytes and the scattered inflammatory cells in the surrounding red blood cells but no mast cells present.



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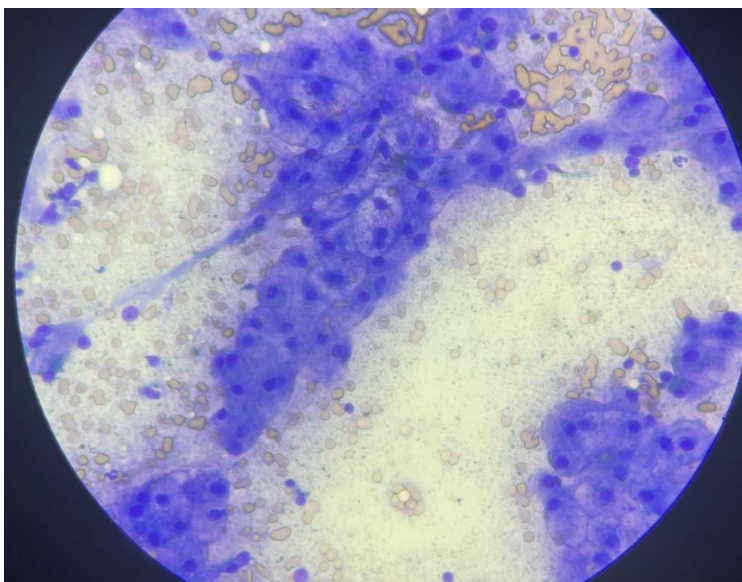
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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