



DATE PRESENTING CLINICAL SIGNS

12/17/22

Hypercalcemia and increased LE. Right AGACA removed in January of this year. R/O metastatic neoplasia vs severe liver disease. FNA of liver.

PE: rectal exam, area of R anal gland small firm nodular area (apx 5mm-1cm), suspect scar tissue. Rest of rectal exam WNL.

INTERPRETED BY

BW (11/29/22): Ca 12.9, AST 61, ALP 2,980, CK 856. UA SG 1.023.

AUS: variable sized nodules, variable echogenicity. Some disruptive to echogenicity.

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

CYTOLOGY SUBMISSION

Liver

PATIENT OBSERVATIONS

Mya Leung

Liver: Submitted are 9 excellent videos of very good collections of hepatocytes and aspirates from the liver in Mya. The cellularity includes excellent collections of hepatocytes. The hepatocytes are vacuolated with prominent lipid. There is free lipid scattered throughout the smears. There are scattered inflammatory cells throughout the surrounding red blood cells. Neoplastic cells are not identified.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Moderate hepatic vacuolization and lipidosis with very mild inflammation.

BREED COMMENTS

Akita Mix

The cellularity in this collection includes metabolic liver changes with mild inflammation. I was unable to identify any neoplastic cells and particularly I was unable to identify Anal Sac gland carcinoma cells. The changes are most consistent with a metabolic liver disease including the possibility of Cushing's disease or other similar metabolic changes. Pancreatitis and enteritis should be considered. A guarded prognosis is warranted due to the concern of both metastatic disease and a primary disease in other locations in the abdominal cavity.

SEX

Female Spayed

AGE

13y

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. *

*Note from Dr. McGill: I am unable to post photos due to inadequate internet access.

WEIGHT

66 lbs

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.

HOSPITAL NAME

Scanvet

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

REFERRING VET

Dr. Peyser

INVOICE NUMBER

858