



DATE PRESENTING CLINICAL SIGNS

10/8/2021

Presented for diarrhea mid August, BW showed elevated LE.
AUS for stable, but persistently elevated LE.
Rad (lateral): concern for cranial abdominal mass.
AUS: nodular liver changes throughout the liver, splenomegaly, but no discrete mass noted.
ALT 192, ALP mid-500's. LDDST: normal.

INTERPRETED BY

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

CYTOLOGY SUBMISSION

Liver

PATIENT

Oreo Schriver

OBSERVATIONS

Liver: Submitted are 11 excellent videos of cells collected from the liver in Oreo. The hepatocytes in many fields are relatively normal with normal shapes and sizes and normal nuclei. In other sites there are large numbers of cells that demonstrate vacuolization. This vacuolization appears to be lipid. This is present in multifocal aggregates. There is a slight suggestion of nodular hyperplasia associated with the hepatocytes. This could be secondary to many different conditions. It may be part of the reason for enlargement. Malignant characteristics are not identified. There are very few inflammatory cells in the surrounding red blood cells.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Multifocal hepatocellular vacuolization and lipidosis with potential nodular hyperplasia.

BREED

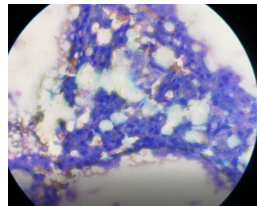
Border Collie

COMMENTS

The changes support multifocal areas of lipidosis and vacuolization. This suggests some type of metabolic liver disease process. It may be the result of past exposure to steroids if in the history or it could be the result of metabolic liver changes either secondary to pancreatitis or endotoxins from the intestine. There is no suggestion of malignancy or sepsis. The low-dose dexamethasone suppression test does not completely rule out Cushing's but it makes that diagnosis lower on the differential list. At this time I'm concerned about some type of metabolic liver disease including secondary to pancreatitis or enteritis or possibly some other therapeutic process.

AGE

11y



WEIGHT

64lbs

Image shows hepatocytes with lipid and vacuolization. There is no suggestion of neoplasia.

HOSPITAL NAME

Scanvet

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.

REFERRING VET

Dr. Perkins

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.

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INVOICE NUMBER

608



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10/8/2021

INTERPRETED BY

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

PATIENT

Oreo Schriver

SPECIES

Canine

BREED

Border Collie

SEX

Male Neutered

AGE

11y

WEIGHT

64lbs

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Perkins

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