



DATE PRESENTING CLINICAL SIGNS

11/9/22

Recheck previous splenic and liver masses from 12/21. Cushing's Dz - on trilostane.
Recent epistaxis.
Current meds: Trilostane
Elevated ALT, ALP, and GGT

INTERPRETED BY

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

CYTOLOGY SUBMISSION

FNA of Liver

PATIENT

Jet Wright

OBSERVATIONS

Liver: Submitted are 9 excellent videos of cells collected from the liver in Jet. Several of the videos are limited to red blood cells, leukocytes and aggregates of platelets. There are four or five videos that include hepatocytes. Where hepatocytes are prominent, they demonstrate slightly vacuolated cytoplasm and nuclei that are demonstrating minimal anisokaryosis. In some aggregates of hepatocytes, there appear to be 1 to 3 spindle cells suggesting fibrosis. The hepatocytes are not demonstrating malignant criteria.

SPECIES

Canine

BREED

Beagle

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Mild to moderate hepatocellular vacuolization with minimal anisocytosis and anisokaryosis suggesting nodular hyperplasia or a very low grade adenoma.

SEX

Male Neutered

COMMENTS

The cellularity in this collection is benign. It does not appear to be an aggressive proliferative process nor is there other infiltration of cells such as lymphoid cells. The many videos that had red blood cells include a mixture of inflammatory cells. Those could be secondary to many different conditions. Therefore, I do not identify any evidence of malignancy or sepsis. I suspect that the nodule is the result of nodular hyperplasia in the liver. It could be a very low grade adenoma, but that would have to be confirmed with a follow-up biopsy. The liver enzyme increase easily could be the result of older hepatocytes leaking through the cell membrane which is not uncommon in an older dog. A guarded prognosis is always warranted when additional problems may be occurring in the abdominal cavity.

AGE

12yrs

WEIGHT

32.9#

HOSPITAL NAME

Whippany Veterinary
Hospital

REFERRING VET

Dr. Van Beveren

INVOICE NUMBER

40639



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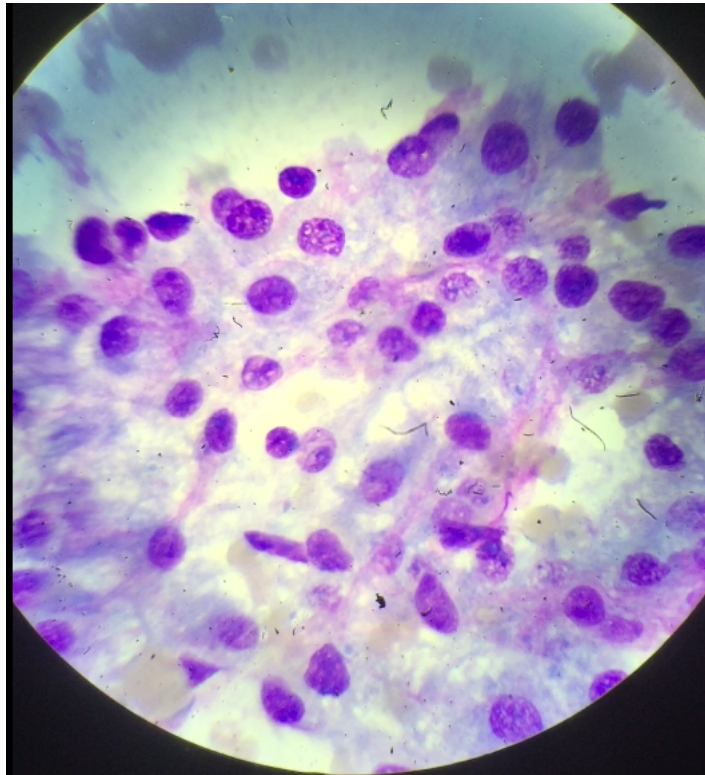


Image shows a good group of hepatocytes from the liver in Jet. Note the fairly uniform nuclei and the vacuoles in the cytoplasm. The elongated cells with pink cytoplasm may be fibroblasts forming collagen.

AGE

12yrs

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.

WEIGHT

32.9#

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

Whippany Veterinary
Hospital

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