



DATE PRESENTING CLINICAL SIGNS

3/9/23

Decreased appetite, weight loss of a few pounds, normally a very good eater. Previous liver FNA done in 2021 (report attached). FNA done of liver parenchyma, hyperechoic liver nodule and spleen. Hct 30%, non-regenerative anemia. ALP slt H, specCPL 822 H.

INTERPRETED BY

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

AUS: variably sized and shaped hyperechoic nodules throughout the liver, significantly advanced from previous AUS in 2021. Hypersplenism with normal texture and smooth capsule. Pancreas appears normal sonographically.

CYTOLOGY SUBMISSION

Spleen; liver

PATIENT

Beckett Fiske

OBSERVATIONS

Spleen: Submitted are several videos that are excellent collections of cells from the spleen in Beckett. The cellularity is mixed. There are prominent nucleated red blood cells of all series with scattered neutrophils and some lymphocytes. There are macrophages that contain hemosiderin. There are scattered cells that suggest the possibility of spherocytes and there is polychromasia in the red blood cells in the smear. Malignant characteristics are not identified.

SPECIES

Canine

Liver: Submitted are several videos that are excellent collections of hepatocytes with a mixture of inflammatory cells in the surrounding red blood cells. The hepatocytes demonstrate vacuolization and granularity. The granularity is irregular. There is no suggestion of malignancy or sepsis in the liver sample.

BREED

German Shorthair Pointer

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Spleen - Mixed cell collection with evidence of red cell regeneration and possible hemolytic anemia and erythrophagocytosis with secondary inflammation
Liver - Hepatocellular vacuolization and granularity with very mild chronic inflammation.

SEX

Male Neutered

COMMENTS

The cellularity in this collection is not specific. There is a suggestion of inflammation. Leptospirosis cannot be ruled out. There is also a potential of tick borne infectious diseases resulting in some type of hemolytic process. Continued evaluation for those types of conditions is encouraged. I could not confirm if copper may be present in the liver. This may require a biopsy to confirm the presence of copper. Cytologically there appears to be some potential for hemolytic change but there certainly is no suggestion of malignancy or sepsis. A guarded prognosis is warranted since the cytologic collection is not diagnostic in these cases. Continued monitoring and evaluation of other organs is encouraged.

AGE

11y

WEIGHT

67 lbs

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Walsh-Meiczinger

INVOICE NUMBER

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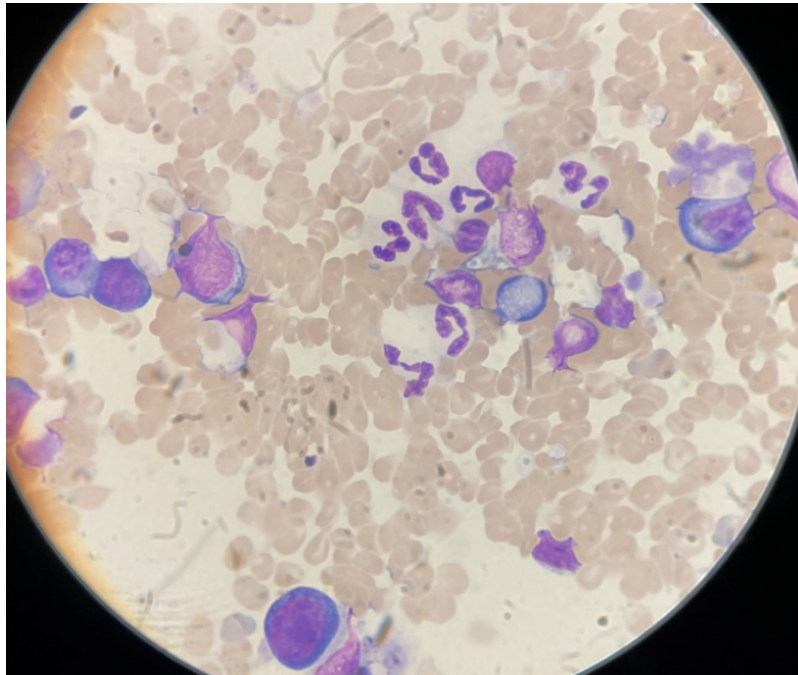


Image shows a representative collection of cells from the spleen in Beckett. Note the prominent nucleated RBCs with prominent neutrophils. Spherocytes may be present.

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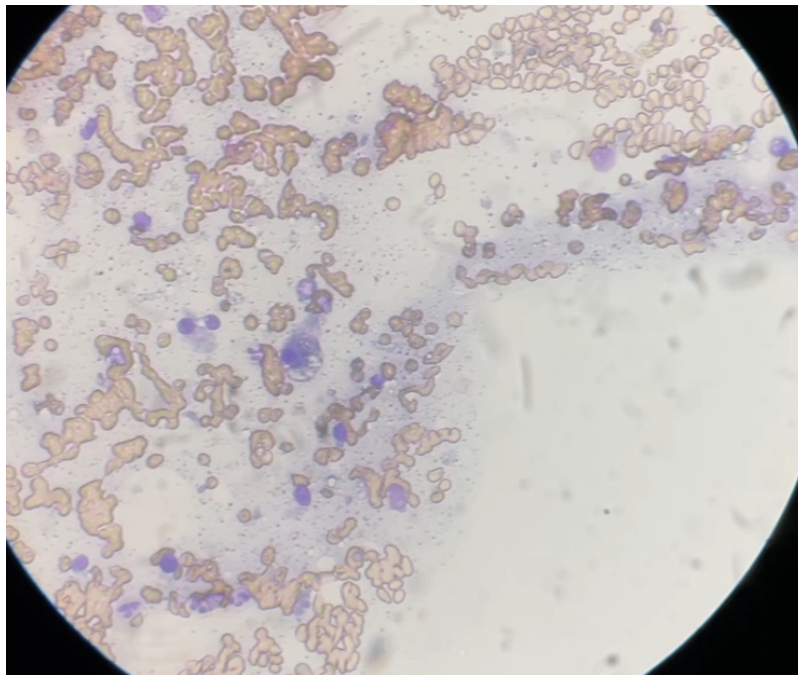


Image shows a group of cells collected from what was described as a nodule from the liver in Beckett. Note the inflammatory cells with a vacuolated hepatocyte in the center. The cellularity is minimal.

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DATE 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.
3/9/23

INTERPRETED BY 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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