



DATE PRESENTING CLINICAL SIGNS

9/13/22

Owner surrender from an overcrowded situation. Recently has a decreased appetite and weight loss. Mild visible icterus. On IVF, IV Ampicillin and Cerenia overnight. FNA of Spleen and Liver done (25 G). PE: Very thin, poor haircoat on trunk w/patchy alopecia on rump. Hct 21%, non-regenerative. Alb 2.2, ALT 252, ALP 218, GGT 28, T Bili 4.0. AUS: scant free peritoneal fluid, moderate splenomegaly and hepatomegaly. Both spleen and liver are hypoechoic. CBD not obstructed, GB wall mildly thickened, but GB not distended.

INTERPRETED BY

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

CYTOLOGY SUBMISSION

Spleen; liver

PATIENT OBSERVATIONS

Siouxie CCA

Spleen: Submitted are several excellent videos of excellent collections of cells from the spleen in Siouxie. The cellularity consists of massive numbers of round cells. The round cells demonstrate anisocytosis and anisokaryosis. Mitotic figures are readily identified. The cytoplasm is bluish gray with some areas suggesting halos to the side of the nucleus. The nuclei are extremely irregular with prominent nucleoli. Multinucleated cells are observed.

SPECIES

Feline

Liver: Submitted are several excellent videos of excellent collections of cells from the liver. Hepatocytes are identified in a few of the videos. The majority of the videos include large numbers of round cells. These round cells are very similar to those in the spleen. Degenerate debris is prominent. The cellularity is consistent in both organs.

BREED

DSH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Spleen - Round cell tumor suggestive of high-grade lymphoma.
Liver - Round cell tumor suggestive of high-grade lymphoma

SEX

Female Spayed

The cellularity in this collection supports a round cell tumor which is most characteristic of a high-grade lymphoma. In some areas there is a suggestion of possible B-cell lymphoma. This cannot be confirmed. I cannot rule out erythroleukemia. An unfavorable prognosis is expected. Immunophenotyping to identify the cell type may be beneficial in treatment however in the cat, this is not as prognostic as in the dog. With both of these tissues being involved. I am concerned that there are other organs involved as well. Again an unfavorable prognosis is warranted.

AGE

1-3 yrs approx

WEIGHT

5.2 lbs

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Lane

INVOICE NUMBER

796

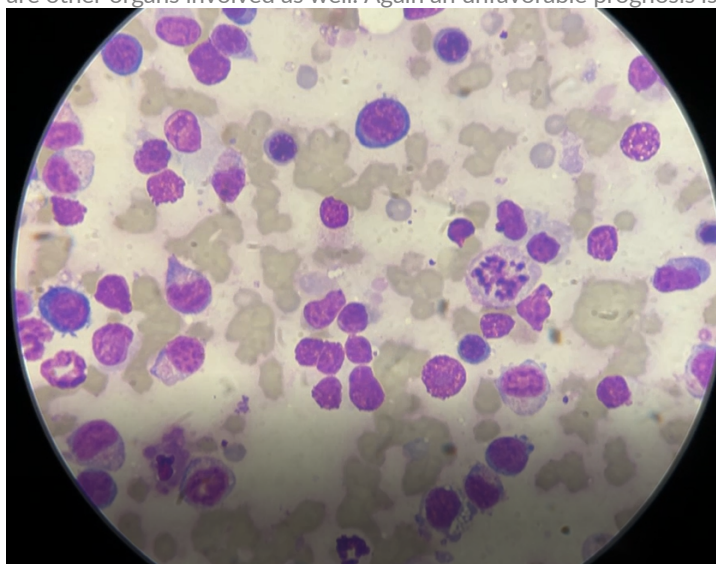


Image shows a representative group of cells from the spleen in Siouxie. Not the mitotic figure and NRBCs.



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PATIENT

Siouxie CCA

SPECIES

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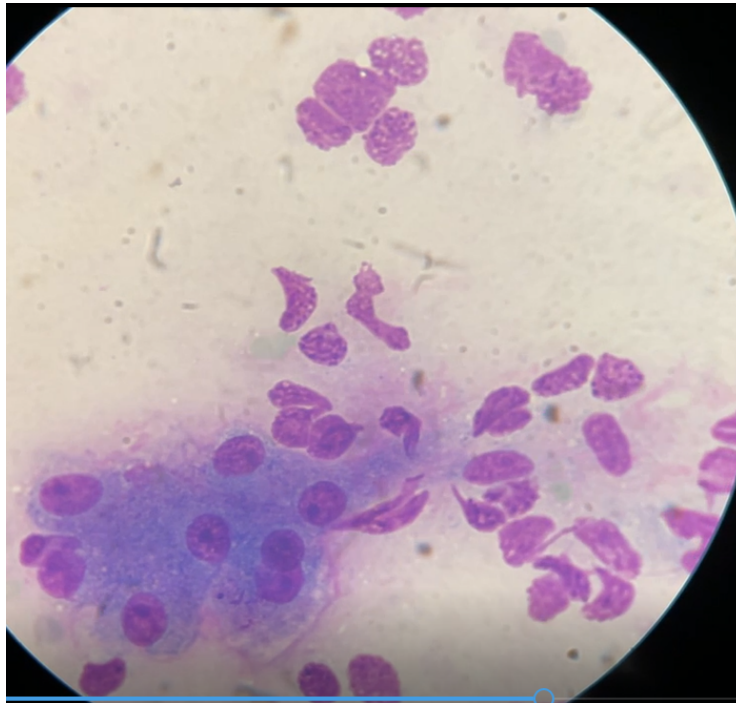


Image shows hepatocytes and round cells collected from Siouxie. The round cells are more prominent in the spleen.

SEX

Female Spayed

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.

AGE

1-3 yrs approx

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.

WEIGHT

5.2 lbs

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