



DATE PRESENTING CLINICAL SIGNS

11/16/22 U/S guided tissue aspiration of liver and spleen
alb 2.6 , ast 148, alt 1661, alk phos - 4626, GGTP -210, TOT bili- 1.3

INTERPRETED BY CYTOLOGY SUBMISSION

L.D. McGill, DVM,
Ph.D, DACVP
FNA of liver and spleen

OBSERVATIONS

PATIENT

Susie Tamburro
Liver: Submitted are a large number of excellent videos of cells collected from the liver in Susie. The hepatocytes are the major cellularity with slight granularity and vacuolization of the cytoplasm. There are minimal other inflammatory cells associated with the surrounding red blood cells. The hepatocytes demonstrate clot material associated with hepatocytes and vacuolization.

SPECIES

Canine

Spleen: Submitted are a large number of excellent videos of cells collected from the spleen. The cellularity is mixed with neutrophils, lymphocytes and macrophages. The lymphoid cells are slightly irregular. Malignant characteristics are not identified. There is definite evidence of chronic inflammation.

BREED

Shih Tzu

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Mild hepatocellular vacuolization with slight granularity and minimal inflammation.
Spleen - Mild chronic suppurative inflammation in the spleen with no suggestion of malignancy.

COMMENTS

SEX

FS

The cellularity in the liver suggests secondary metabolic liver changes such as vacuolar hepatopathy which could even be associated with steroid hepatopathy. There is no suggestion of malignancy. Nodular hyperplasia is possible, but the vacuolization is more likely.

AGE

11yr

The changes in the spleen suggest chronic inflammation. This could be the result of inflammation in any organ in the body but particularly pancreatitis and enteritis should be considered. Continued evaluation of other organs in the abdominal cavity is suggested particularly with the inflammatory process observed in both the spleen and minimally in the liver. A guarded prognosis is warranted since the underlying process is not identified.

WEIGHT

18.9#

HOSPITAL NAME

ACC Flanders

REFERRING VET

Dr. Casulli

INVOICE NUMBER

40644



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Ph.D, DACVP

PATIENT

Susie Tamburro

SPECIES

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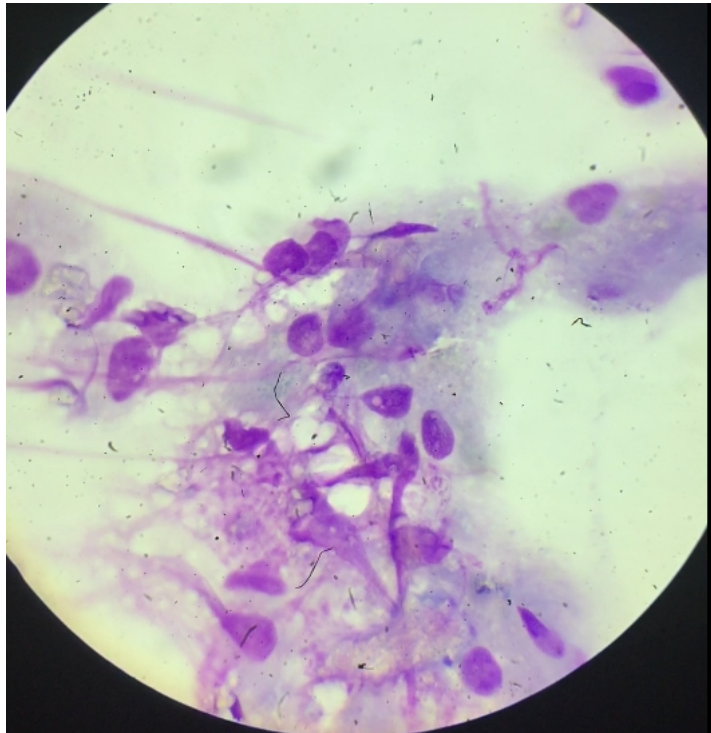


Image shows hepatocytes with vacuolization and granularity. There are minimal numbers of inflammatory cells in this image.

SEX

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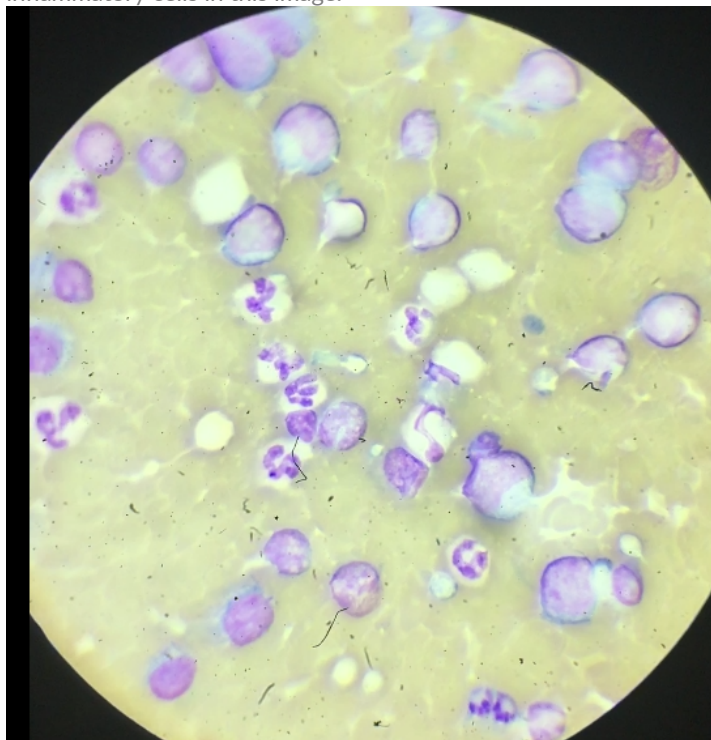
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Image shows a representative cellularity from the spleen in Susie. There are neutrophils, reactive lymphoid cells and nucleated RBCs in this collection. Malignancy is not suggested.



DATE 11/16/22 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.

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

L.D. McGill, DVM, Ph.D., DACVP
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PATIENT
Susie Tamburro

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