



DATE **PRESENTING CLINICAL SIGNS**
2/18/22 diagnosed with Cushing's, hypothyroid, chronic cystitis; US showed nodular spleen and coarse liver

INTERPRETED BY **CYTOLOGY SUBMISSION**
L.D. McGill, DVM, Ph.D, DACVP FNA of spleen and liver

OBSERVATIONS

PATIENT Liver: Submitted are 7 excellent videos of excellent to moderate collections of cells from the liver in Trixie. There are packets of hepatocytes in several locations. The hepatocytes demonstrate vacuolization and granularity. No other specific change is identified in the hepatocytes. The surrounding red blood cells are associated with increased numbers of neutrophils with a few lymphoid cells. Almost all of the lymphoid cells are small mature lymphocytes. Malignant characteristics are not identified.

SPECIES Spleen: Submitted are 6 excellent videos of moderate collections of cells from the spleen in Trixie. The cellularity is mixed. There are nucleated red blood cells throughout the collection with some lymphocytes. Neutrophils are readily identified. Macrophages are prominent in several videos. These macrophages appear to be associated with spindle cells. Malignant criteria are not identified in this collection.

BREED

beagle mix

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Mild hepatocellular vacuolization and granularity with prominent evidence of chronic suppurative to pyogranulomatous inflammation in the liver.

SEX Spleen - Mild chronic splenitis with evidence of fibrohistiocytic nodules.

FS

COMMENTS

AGE The changes in the liver suggest the likelihood of some type of chronic inflammation affecting the hepatic parenchyma. This could be secondary to pancreatitis or enteritis. It could also be primary such as leptospirosis. There is no suggestion of malignancy in any of the cells. The hepatocellular vacuolization can be secondary to metabolic changes.

10 years The changes in the spleen are likely secondary to other types of chronic inflammation. This could be due to pancreatitis or enteritis or could be due to inflammation draining from the bloodstream into the spleen. There is no evidence of malignancy or sepsis in either of the organs. It appears that the liver and spleen are responding secondarily and not primarily in this case.

WEIGHT

36.4#

HOSPITAL NAME

Animal Hospital of Roxbury

REFERRING VET

Dr. Elia

INVOICE NUMBER

70465



DATE

2/18/22

INTERPRETED BY

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

PATIENT

Trixie Cassullo

SPECIES

Canine

BREED

beagle mix

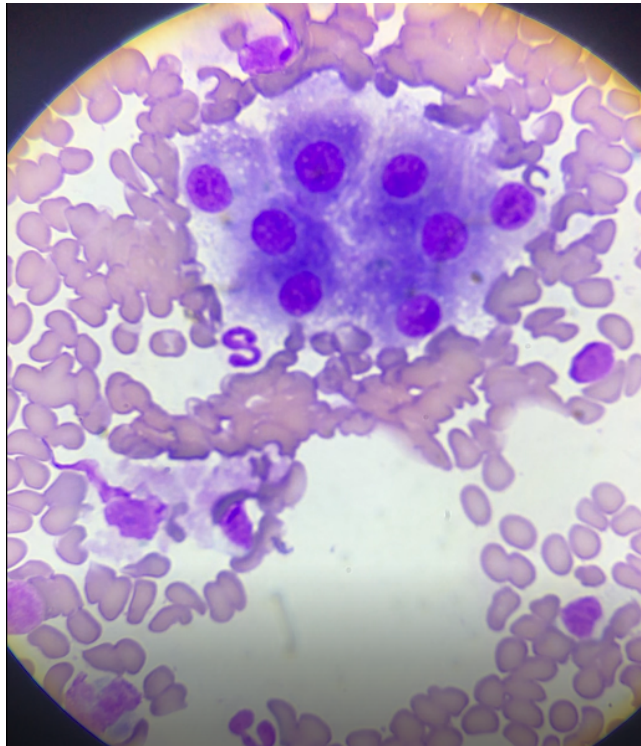


Image shows a few hepatocytes with a mixture of inflammatory cells associated in this collection. This supports chronic inflammation.

SEX

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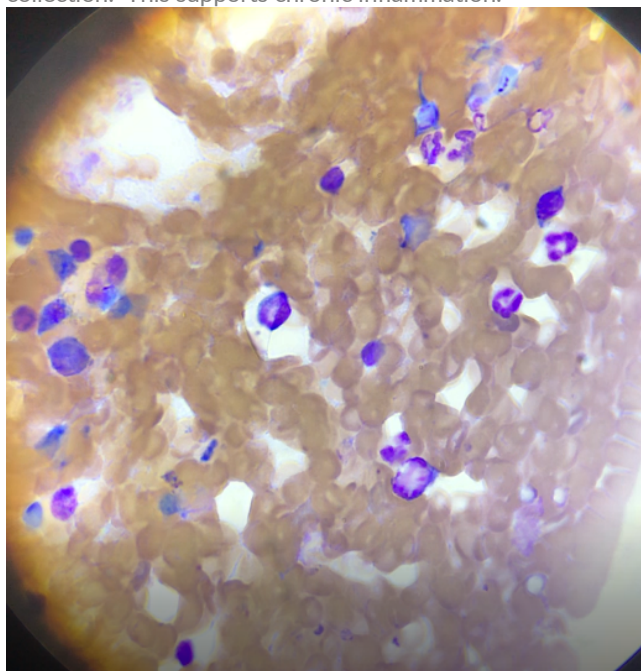


Image shows a mixture of cells collected from the spleen in Trixie. The fibrohistiocytic nodule cells were in other fields.

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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.

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.

PATIENT

Trixie Cassullo

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SPECIES

Canine

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