



DATE PRESENTING CLINICAL SIGNS

1/19/22

Was a stray, found in December in rough shape. Has gained weight but has on-going GI issues: intermittent anorexia, diarrhea then black stools, vomiting. Has been on EN diet.

AUS: trace free fluid, subtle echogenic changes in spleen, reactive mesenteric and hepatic LN.

BW (1/14): Hct 27% (prev. 35%), WBC 12.3k (prev. 24.1k), Plt 977k, BUN 42, Creat 0.6, SDMA 13.

INTERPRETED BY

Felv/FIV Neg. Fecal Antigen testing: NEG

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

CYTOLOGY SUBMISSION

FNA of Liver & Spleen

PATIENT

Quincy Cat Advocates

OBSERVATIONS

Liver: Submitted are 6 excellent videos of moderate cellularity collected from the liver in Quincy. The hepatocytes demonstrate slight vacuolization and granularity. There are no changes to support neoplasia. The cells surrounding hepatocytes in the red blood cells consist of scattered inflammatory cells that are few in numbers. Your identification of platelet aggregates was accurate.

Spleen: Submitted are 5 excellent videos of moderate to excellent collections of cells from the spleen. There is some consistency with large numbers of small round cells. Many of the round cells have nucleoli. They show minimal cytoplasm. These are small mature lymphocytes. The majority of the cellularity consists of this population of cells with scattered slightly immature cells and neutrophils.

SPECIES

Feline

BREED

Malignant characteristics are not confirmed.

DLH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Mild hepatocellular vacuolization and granularity with minimal suggestion of inflammation.

Spleen - Consistent population of small lymphocytes with minimal inflammation suggesting lymphoid nodular hyperplasia or possible early small cell lymphoma.

SEX

Male

COMMENTS

The changes in the liver are secondary to what may be occurring in other locations including the possibility of pancreatitis or chronic enteritis. There is no suggestion of malignancy in this tissue.

The changes in the spleen are of concern due to the consistent cellularity of small lymphocytes. This may be an early small cell lymphoma but I cannot make that diagnosis with these smears. This will require splenectomy and further evaluation of the cells. You could send these slides off for PARR testing if desired. This may confirm the presence of a small cell lymphoma. Remember, intestinal lymphoma may not involve other abdominal organs including lymph nodes, liver and spleen. Lymphoid nodular hyperplasia is also possible with this type of cellularity. I was impressed with the minimal other inflammatory cells present. Thus inflammatory changes such as FIP are not suggested from the splenic collection. A guarded prognosis is definitely warranted since the underlying cause has not been identified at this time.

WEIGHT

10.7 lb

HOSPITAL NAME

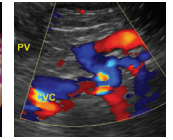
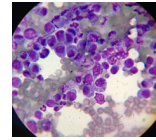
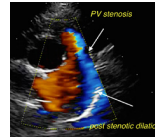
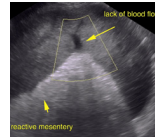
Scanvet

REFERRING VET

Dr. Lane

INVOICE NUMBER

70451



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INTERPRETED BY

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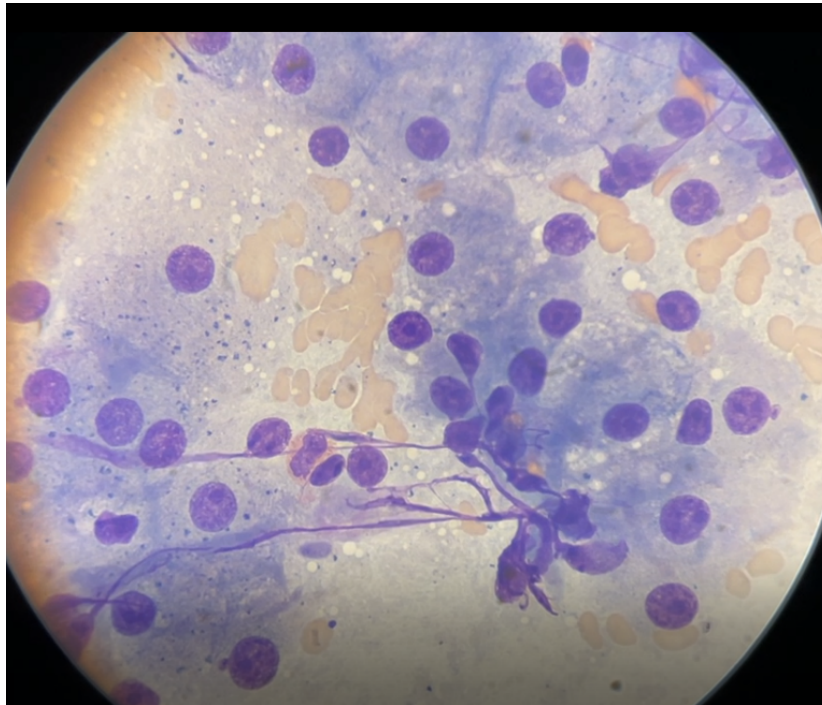


Image shows a representative collection of hepatocytes from Quincy. Note the small vacuoles and granules. There is minimal inflammation.

SEX

Male

AGE

Apx. 5 years

WEIGHT

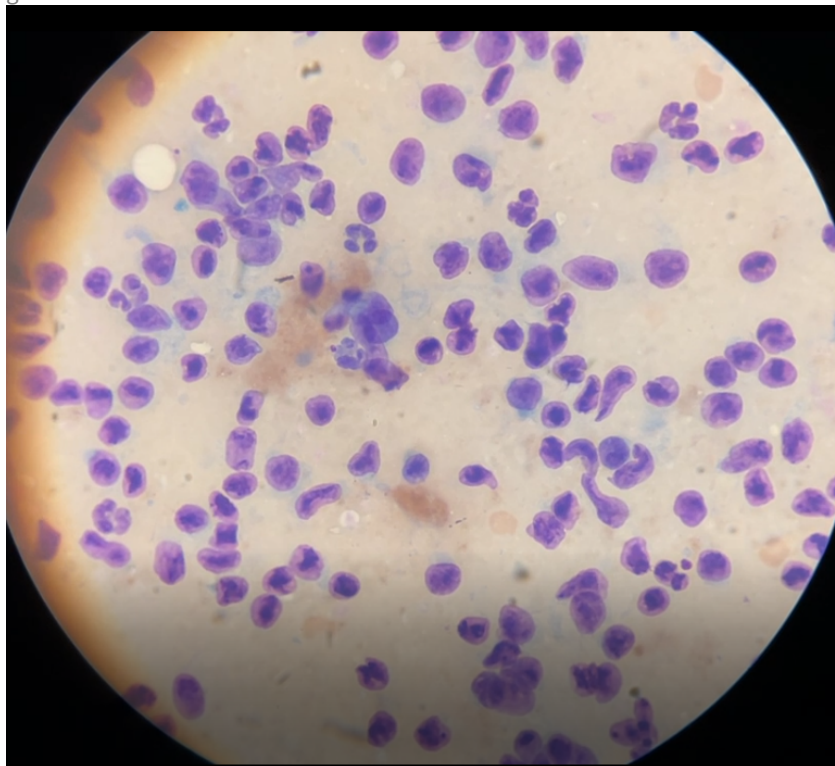
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Image shows a field of lymphocytes collected from the spleen in Quincy. Note the consistent cellularity.



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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.

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

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