



DATE PRESENTING CLINICAL SIGNS

6/13/22

Significant weight loss. u/s findings: The spleen presented discrete and diffuse hypoechoic micronodular parenchyma. Liver-some mild to moderate age-related parenchymal remodeling was noted but likely not clinically significant at this time.

INTERPRETED BY

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

CYTOLOGY SUBMISSION

FNA of Liver & Spleen

PATIENT

Zeek Kholer

OBSERVATIONS

Liver: Submitted are 4 excellent videos of moderate collections of cells from the liver in Zeek. The cellularity includes aggregates of hepatocytes many of which are vacuolated and granulated. There are large numbers of red blood cells in the collection with the mixture of inflammatory cells.

SPECIES

Canine

Infiltrating cells or malignant cells are not identified.

Spleen: Submitted are 4 excellent videos of minimal to moderate collections of cells from the spleen in Zeek. The cellularity is mixed with lymphocytes, nucleated red blood cells and neutrophils. There are small aggregates of macrophages or histiocytic cells identified in some fields. There are no changes supporting malignancy.

BREED

Pitbull Mix

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

Male Neutered

Liver - Mild to moderate hepatocellular vacuolization and granularity with very mild inflammation.
Spleen - Mixed cell collection consistent with hematopoietic nodule or fibrohistiocytic nodule.

AGE

8yr

The changes in the liver suggest the likelihood of some type of metabolic liver disease which could be secondary to pancreatitis or enteritis. I did not identify any changes that would support malignancy or sepsis in the liver. Nodular hyperplasia is possible.

WEIGHT

66.5#

The changes in the spleen suggest the possibility of a hematopoietic nodule but no other significant change can be identified. There is no suggestion of malignancy or sepsis in the spleen. Continued evaluation of other organs in Zeek is encouraged to determine if changes are present that can be identified. I am unable to identify any primary changes in these organs.

HOSPITAL NAME

Rockaway Animal
Hospital

REFERRING VET

Dr. Maniar

INVOICE NUMBER

40540



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L.D. McGill, DVM,
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PATIENT

Zeek Kholer

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BREED

Pitbull Mix

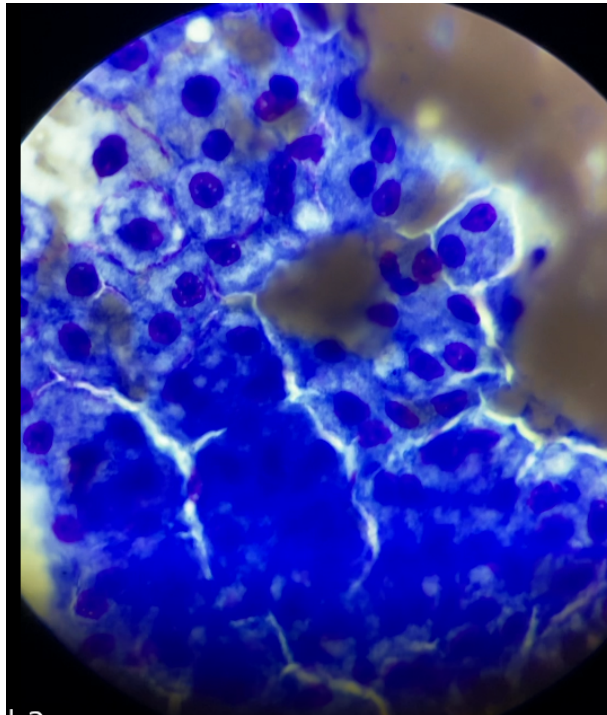


Image shows hepatocytes collected from Zeek. Note the vacuolization and granularity.

SEX

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AGE

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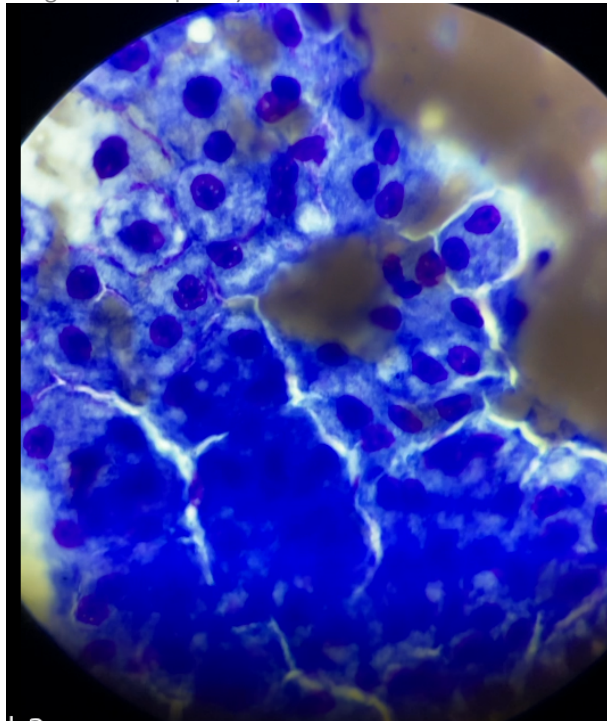


Image shows cells from the spleen in Zeek. There are nucleated RBCs, an eosinophil and neutrophil and a lymphocyte with a probable macrophage in the upper left.

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DATE 6/13/22 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.

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PATIENT

Zeek Kholer

SPECIES

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BREED

Pitbull Mix

SEX

Male Neutered

AGE

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