



DATE PRESENTING CLINICAL SIGNS

2/18/22

On yearly exam 1/6/22, pt had small palpable soft tissue mass mid to caudal abd that was about 2 cm diam; on recheck 2/16 mass was much larger and pt had become much quieter, sleeping a lot, not sure about appetite, but 1 kg weight loss in past 5 weeks
Labs 2/14/22

INTERPRETED BY -CBC normal other than elev PLT

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

-chems w mild elev SDMA
-hypoproteinemia TP 4.9, ALb 2.1, glob 2.8
-urine is concentrated 1.044, prot 2+ with UPC 0.7 (ref <0.4) -FeLV/FIV neg, coronavirus ab by IFA is pending

PATIENT CYTOLOGY SUBMISSION

Oscar Anderson

FNA of Liver, Spleen, Caudal Intestinal Mass & Cranial Abdominal Mass

OBSERVATIONS

SPECIES

Feline

Liver: Submitted are 6 excellent videos of cells collected from the liver in Oscar. The hepatocytes demonstrate vacuolization through almost all of those cells. There are vacuoles and lipid in the surrounding fluid. Neutrophils and rare lymphocytes are interspersed around the hepatocytes. Malignant characteristics are not identified.

BREED

DSH

Spleen: Submitted are 6 excellent videos of moderate cellular collections from the spleen in Oscar. There are excellent aggregates of round cells collected throughout these videos. The round cells have minimal cytoplasm and have the appearance of lymphoid cells. They are somewhat irregular. Interspersed are scattered macrophages and neutrophils. The lymphoid cells have some criteria of malignancy but not high-grade at this time.

SEX

Male Neutered

Caudal Intestinal mass: Submitted are 5 excellent videos of cells collected from the caudal intestinal mass in Oscar. The cellularity in this collection consists of large numbers of large lymphoid cells with prominent nucleoli. They are interspersed with neutrophils and a very few macrophages. Some of the lymphoid cells are small mature lymphocytes but many are large irregular lymphoid cells. There is some secondary degeneration.

AGE

2yr

Cranial abdominal mass: Submitted are 7 excellent videos of cells collected from the cranial abdominal mass in Oscar. The cellularity in this collection consists of large numbers of round cells. Many are in packets but others are individualized. They demonstrate anisocytosis and anisokaryosis. Many of the lymphoid cells are demonstrating prominent nucleoli and even multiple nucleoli. These are lymphoid cells that have minimal cytoplasm. There are scattered neutrophils and macrophages throughout these videos.

WEIGHT

5kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Moderate diffuse hepatocellular vacuolization with mild suppurative inflammation
Spleen - Mild chronic suppurative inflammation with lymphoid cells suggesting lymphoma
Caudal intestinal mass - Increased numbers of lymphoid cells suggesting lymphoma with secondary chronic inflammation

HOSPITAL NAME

Pacific Crest Mobile

Cranial abdominal mass - Increased numbers of irregular lymphoid cells suggesting lymphoma with secondary chronic inflammation.

COMMENTS

REFERRING VET

Dr. Sanders/Skagit
Animal Clinic

The cellularity in the masses and in the spleen are suggestive of lymphoma. I did not feel like I could confirm that diagnosis but it is strongly suggestive. PARR testing may be beneficial in confirming a diagnosis if therapy is being considered in Oscar. The inflammatory response is causing some confusion. The inflammation could be due to FIP. I'm even wondering about the possibility of a combination of lymphoma and FIP in Oscar. The liver changes appear to be secondary. With the various irregular concerning cellularity throughout these videos, an unfavorable prognosis is warranted in my opinion. Further workup will require immunophenotyping of the cells or surgical biopsy and confirmation.

INVOICE NUMBER

70466



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PATIENT

Oscar Anderson

SPECIES

Feline

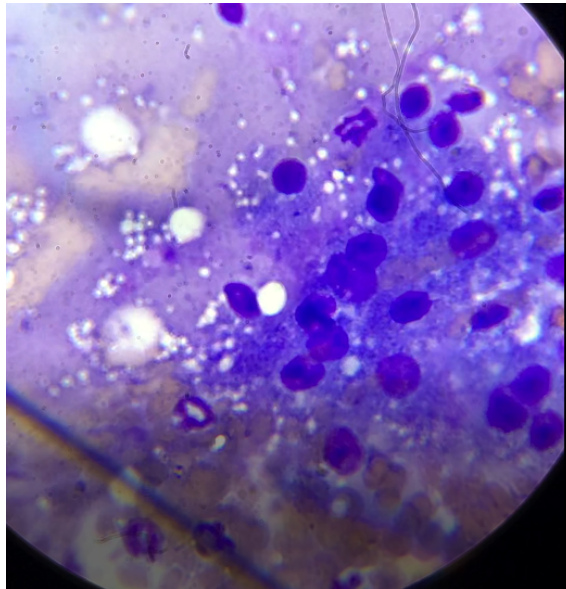


Image shows hepatocytes with vacuolization and mild granularity collected from Oscar. There are scattered neutrophils present.

BREED

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HOSPITAL NAME

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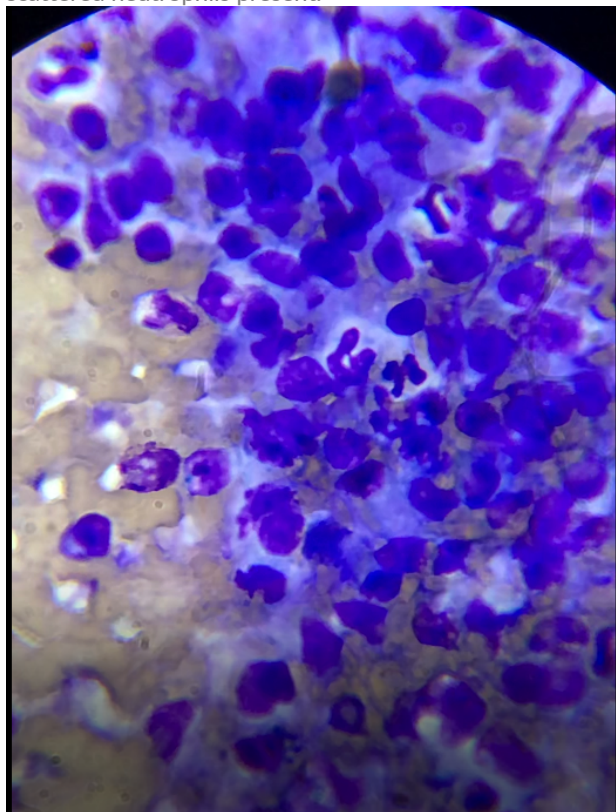


Image shows cells collected from the spleen in Oscar. Most of the cells are round cells with neutrophils.

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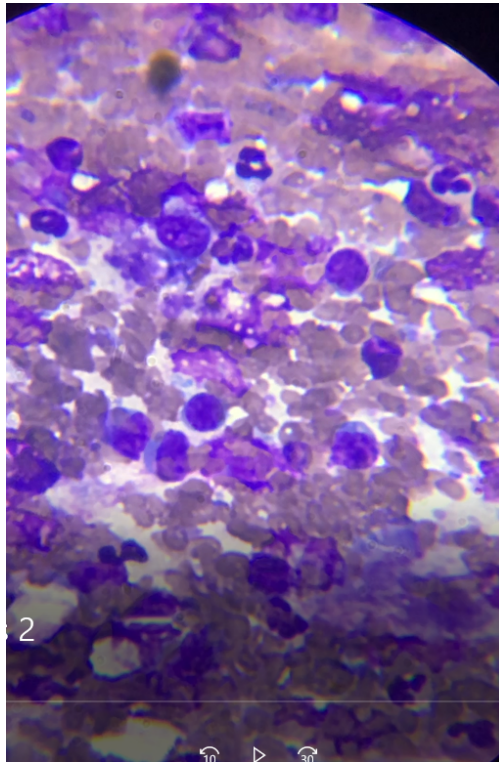
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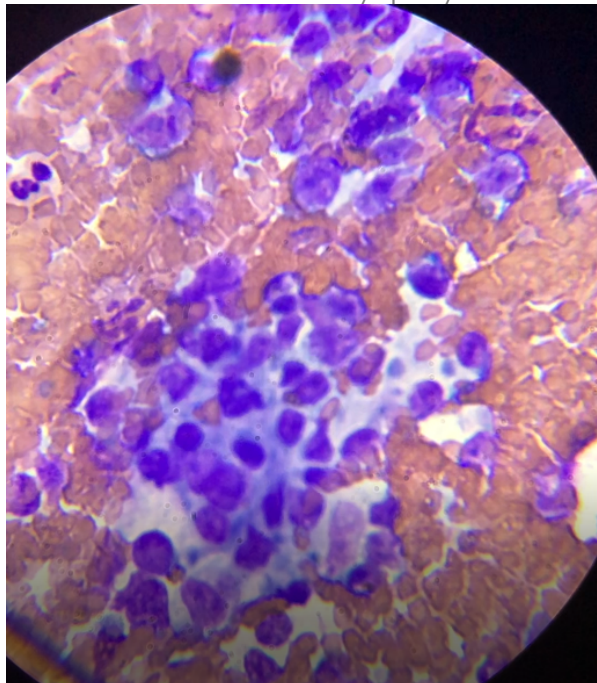
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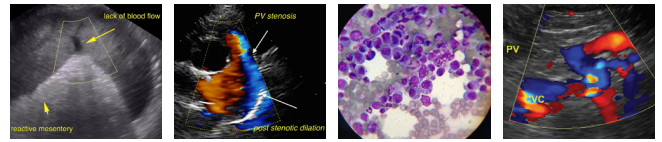
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Caudal Intestinal mass: Note the lymphocytes and neutrophils.



Cranial Abdominal mass: Note the lymphocytes with possible macrophages and neutrophils. Nucleoli are prominent in some lymphocytes.



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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.

PATIENT

Oscar Anderson

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