



DATE PRESENTING CLINICAL SIGNS

7/13/22 Dramatic eosinophilia and weight loss. Eating normal and no lethargy.
6/11/22- WBC 21.2, Platelet count 65, Neu 49, lymph 7, Abs Eos 8692, Alk Phos 250, Precision PSL 196 Urine SG: 1.004

INTERPRETED BY

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

CYTOLOGY SUBMISSION

Spleen: Submitted are 12 excellent videos of lightly stained cells collected from the spleen in Bear. The cellularity is mixed. There are collections of neutrophils, lymphocytes and nucleated red blood cells with good collections of eosinophils. Some of the lymphoid cells are enlarged but they are few in numbers. Atypical lymphoid cells are not prominent. There are aggregates of platelets interspersed within the red blood cells.

PATIENT

Bear Rhodes

SPECIES

Canine

OBSERVATIONS

FNA of Spleen

BREED

Rottweiler

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Spleen - Mixed cell collection with eosinophils and lymphocytes and nucleated red blood cells.

COMMENTS

The cellularity in the spleen is consistent with the eosinophilia described. There are eosinophils prominent but there are also large numbers of other cells. Malignant criteria cannot be confirmed. There is no suggestion of sepsis. The inflammatory response is mixed with the eosinophils suggesting some type of eosinophilic inflammatory process in Bear. In rare cases, eosinophils may respond to T cell lymphoma. This could be an eosinophilic enteritis or a diffuse eosinophilic infiltration. Parasite infestation can be considered. Continued evaluation of other organs to identify a source for the eosinophilia may be beneficial. At this time, I am unable to identify malignancy or sepsis.

SEX

Male Neutered

AGE

8y3m

WEIGHT

149#

HOSPITAL NAME

ACC Flanders

REFERRING VET

Dr. Hallihan

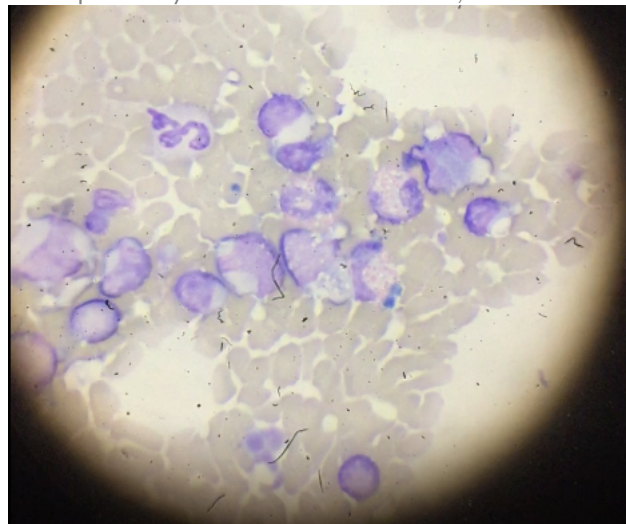


Image demonstrates some of the lymphoid cells interspersed with eosinophils in the collection from Bear. Note the light staining of the cells.

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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

Bear Rhodes

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