



DATE PRESENTING CLINICAL SIGNS

7/7/23

Mass cell tumor removed August 2022 on RH inguinal. No signs of reoccurrence in the area. Patient came in 6/18/23 with syncope, lethargy. Discussed bloodwork for underlying issues, O declined. Patient came in 7/7/23 with syncope again, disorientated afterwards. Gums pale. Bloodwork discussed below, which lead to radiology of spleen (painful upon palpation during exam). Spleen enlarged. Aspirate of splenic mass.

INTERPRETED BY

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

CYTOLOGY SUBMISSION

FNA of Spleen

PATIENT

Tank Jones

OBSERVATIONS

Spleen: Submitted are 5 excellent videos most of which are showing extremely thick smears with marked hemodilution collected from the spleen in Tank. The majority of the smears consist of large numbers of red blood cells interspersed with scattered mononuclear cells. Some of the cells are lymphocytes that appear to be reactive or small mature lymphocytes. Nucleated RBCs are present with rare neutrophils. Malignant characteristics are not confirmed in this collection. Where the cellularity is identifiable, nucleated RBCs are quite prominent.

SPECIES

Canine

BREED

Terrier

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Spleen - Hemodiluted sample with thick smears and a suggestion of extramedullary hematopoietic nodule with some lymphoid cells.

SEX

Male Neutered

AGE

8 Y 4 M

COMMENTS

The cellularity in the majority of these videos is too thick to identify the specific nucleated cellularity. Hemodilution has covered up the interpretation of nucleated cells. Where there are good cells identified, extramedullary hematopoiesis activity is prominent. Small lymphocytes were identified. I suspect this nodule is a result of a hematopoietic nodule in the spleen in Tank. There is a possibility of other types of changes, but I am unable to make that interpretation with the dense smears and marked hemodilution. There is no suggestion of other types of malignancy in this collection. If problems continue, then a repeat collection of an aspirate from the spleen or a follow-up splenectomy may be beneficial. A guarded prognosis is warranted since the underlying process has not been identified.

WEIGHT

67

HOSPITAL NAME

Green Mountain
Veterinary Hospital

REFERRING VET

Dr. Kyle Bushee

INVOICE NUMBER

40774



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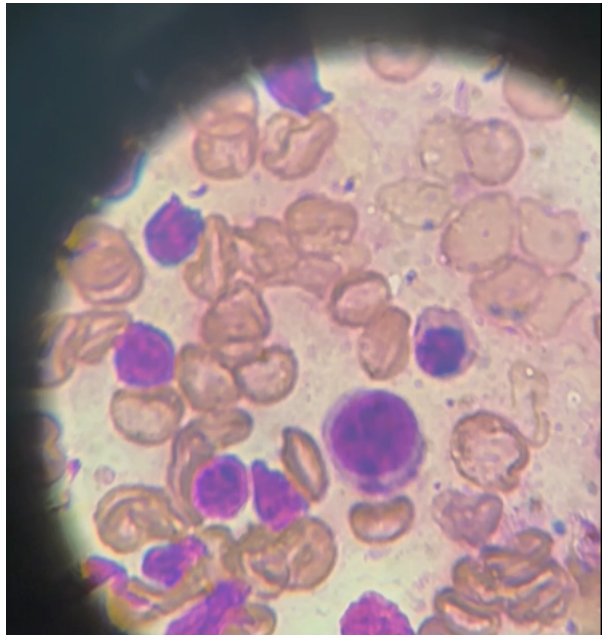


Image shows an area in the videos of interpretable collections of mononuclear cells the majority of which appear to be hematopoietic cells with small lymphocytes collected from the spleen in Tank.

SEX

Male Neutered

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.

AGE

8 Y 4 M

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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