



DATE PRESENTING CLINICAL SIGNS

1/25/23

Injury to right orbit- FNA of retrobulbar mass right eye

INTERPRETED BY CYTOLOGY SUBMISSION

FNA of retrobulbar mass right eye

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

OBSERVATIONS

Retrobulbar collection: Submitted are 5 excellent videos of moderate collections of cells from the retrobulbar region in Deacon. The cellularity is mixed. There are scattered macrophages interspersed with good numbers of eosinophils, scattered neutrophils and degenerate debris. There are scattered lymphocytes and plasma cells. Interspersed throughout all of these cells are scattered aggregates and packets of mast cells. Many of the cells are well granulated. Others are minimally granulated. Degenerate debris is occurring secondarily.

PATIENT

Deacon Hofman

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Retrobulbar collection - Eosinophilic and pyogranulomatous inflammation with prominent mast cells

BREED

English Setter

COMMENTS

The cellularity in the collection is mixed and somewhat difficult to interpret. With the packets of mast cells and scattered irregular mast cells, I am concerned about a mast cell tumor in this region. Eosinophils often respond to mast cell tumors particularly in the head or neck region. This growth may be more aggressive than just a low-grade mast cell tumor. The eosinophils and mast cells could also suggest the possibility of a foreign body granuloma in this region. Continued evaluation with a follow-up biopsy is encouraged. This easily could be a mast cell tumor or may be due to foreign body granuloma at this location. A guarded prognosis is warranted until further evaluation with a follow-up biopsy to confirm the cellularity has occurred.

SEX

Male Neutered

AGE

4.5 years

WEIGHT

56.6#

HOSPITAL NAME

Marsh Hospital for
Animals

REFERRING VET

Dr. Milwicki

INVOICE NUMBER

40649



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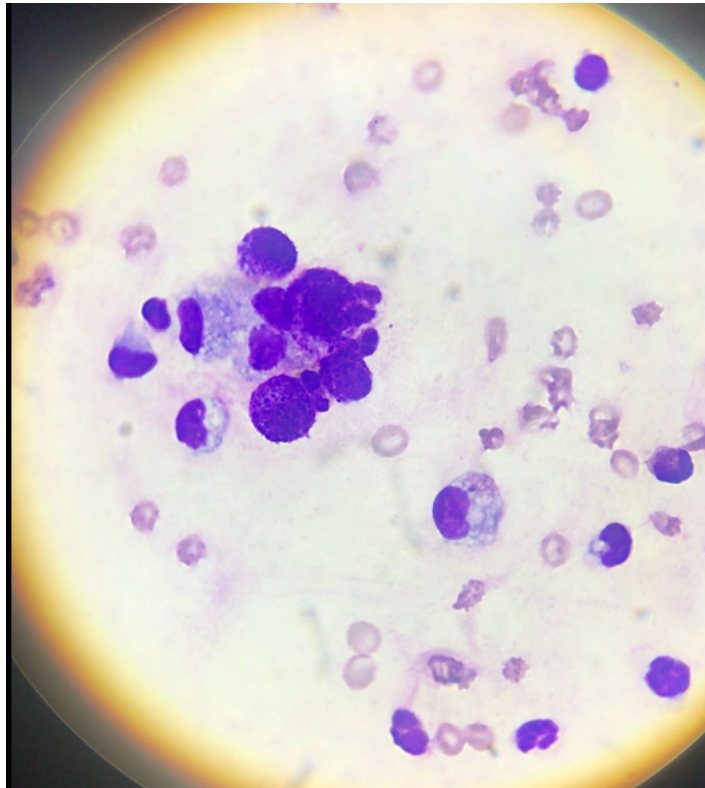


Image shows a group of mast cells associated with pyogranulomatous inflammation collected from the retrobulbar region on Deacon. The mast cells are aggregated.

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.

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