



DATE PRESENTING CLINICAL SIGNS

3/4/23

Baseball sized mass present for 2-3 weeks, fluxulant on left upper hind end.

CYTOLOGY SUBMISSION

Subcutaneous mass

INTERPRETED BY

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

OBSERVATIONS

Subcutaneous mass: Submitted are 27 excellent images of excellent collections of cells from the subcutaneous mass on the left upper hind region on Duffy. The cellularity is consistent throughout all of these collections. There are pleomorphic cells that appear to be phagocytic or histiocytic in nature. Scattered multi nucleated giant cells are identified. There are very few small lymphocytes and mature neutrophils. Malignant characteristics are not identified although there appeared to be one mitotic figure in the collection. The cellularity is characteristic of macrophages or histiocytic cells.

PATIENT

Duffy Williams

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Subcutaneous mass - Large numbers of histiocytic cells or macrophages with multi nucleated giant cells and a mixture of inflammatory cells.

SPECIES

FE

COMMENTS

The cellularity supports a histiocytic proliferative process which could be the result of granulomatous inflammation or some type of early histiocytic proliferative process. The cells demonstrate anisocytosis and anisokaryosis. Multi nucleated giant cells suggest some type of phagocytic process that is requiring multinucleated phagocytes. There is a possibility that this could be an injection site granuloma. It could be due to other types of foreign body penetration and reaction. Cytologically it appears to be proliferative in this collection. Excision of the mass with a follow-up biopsy is encouraged. Good margins are encouraged after evaluating this tissue cytologically. Hopefully the response is to a benign reaction. If there is history of an injection at this location, then wide excision of an injection site granuloma may be considered.

BREED

DLH

SEX

Male Neutered

AGE

11y

WEIGHT

11.1 lbs

HOSPITAL NAME

Torch Lake Veterinary
Clinic

REFERRING VET

Dr. Waffle

INVOICE NUMBER

904

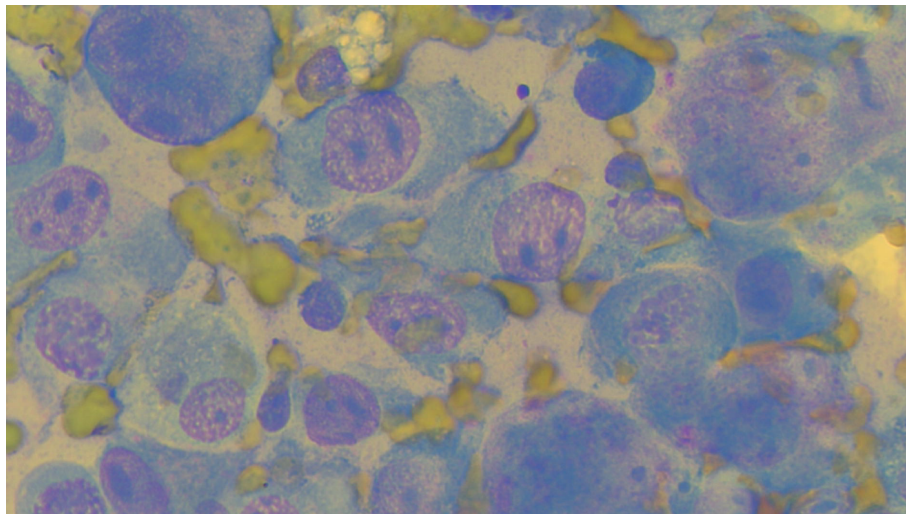


Image shows a group of histiocytic cells with multinucleated cells collected from the subcutaneous mass on Duffy. There are a couple of mature lymphocytes and a reactive lymphocyte present. Neutrophils were observed in other fields.



DATE 3/4/23 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.

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

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