



DATE PRESENTING CLINICAL SIGNS

4/20/23

Nodule present for 4 years, gradually growing over the last year.

INTERPRETED BY CYTOLOGY SUBMISSION

FNA of Dermal nodule

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

OBSERVATIONS

PATIENT

Willy Pixley

Dermal nodule: Submitted are a good number of images collected from an excellent cellular collection from the dermal mass on Willy. The cellularity is mixed. There are large numbers of neutrophils scattered macrophages and several packets of epithelial cells. These packets of epithelial cells appear to be compressed and proliferative. There are good numbers of mast cells throughout the collection. Some of them are degranulated. Degenerate debris is prominent. Bacteria are identified in neutrophils. Some of the bacteria are rod shaped and others are filamentous.

SPECIES

Feline

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Dermal nodule - Pyogranulomatous inflammation with bacteria present with increased numbers of mast cells and packets of irregular epithelial cells suggesting basaloid cells.

DMH

SEX COMMENTS

Male Neutered

This is an excellent collection of cells in these images that I was able to open but the cellularity is confusing. There is definitely a severe pyogranulomatous inflammatory process, and this includes bacterial infection. The concerns that I have are the large numbers of mast cells and the packets of epithelial cells or possibly basaloid cells. My hope is that the mast cells are responding to a rather severe pyogranulomatous inflammation which includes bacteria. A mast cell tumor in the region cannot be ruled out although mast cells will respond to inflammation in certain cases. The packets of epithelial cells cause concern about the possibility of some type of proliferative epithelial process in the region that has become inflamed and infected. In either instance of these situations, excision of this lesion following treatment for bacterial infection is certainly encouraged. A guarded prognosis is warranted due to the complicated cellularity in this excellent collection.

AGE

14

WEIGHT

8

HOSPITAL NAME

Torch Lake Veterinary
Clinic

REFERRING VET

Dr. Waffle

INVOICE NUMBER

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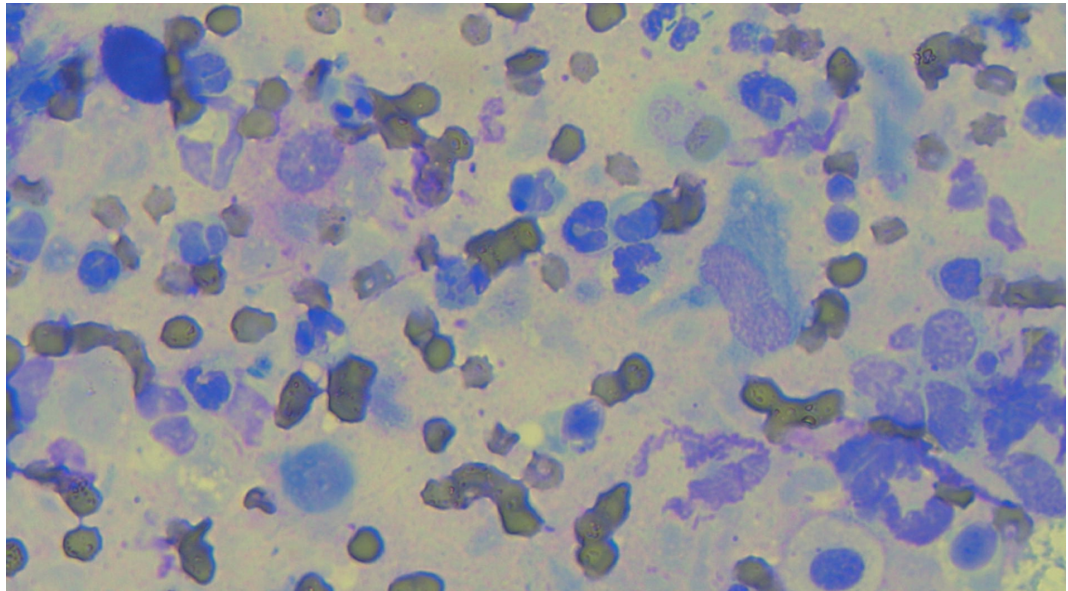
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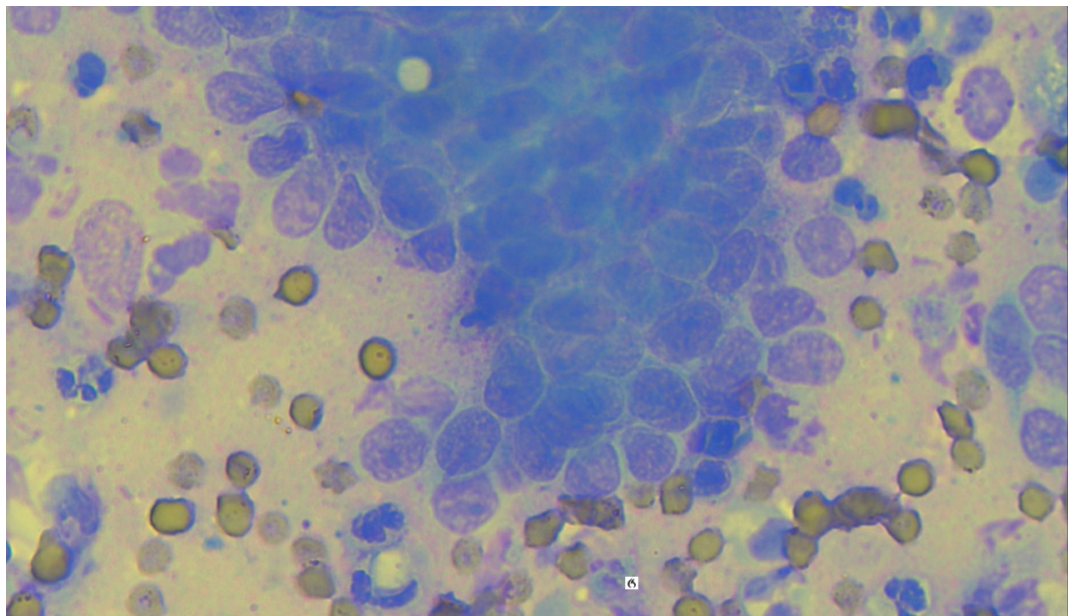
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The image shows the mixture of cells with large numbers of neutrophils with bacteria in a neutrophil on the upper edge from the material collected from Willy. Mast cells are prominent and there appear to be a couple of degranulated mast cells in the lower right of this image.



The image shows a group of epithelial cells surrounded by inflammation in the collection from the dermal nodule on Willy.

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.



DATE 4/20/23 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.

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