



PATIENT

Mollie Bulmer

SPECIES

Canine

BREED

Boxer

SEX

Spayed female

AGE

8 years

WEIGHT

65 lbs

INTERPRETED BY

Dr. Lawrence McGill,
DVM,Ph.D.,Diplomate,
ACVP

IMAGING PERFORMED BY

Nick Pizzemento

HOSPITAL NAME

Central VH

REFERRING VET

Dr. Anna St Sir

INVOICE

74208

DATE

4/6/26

PRESENTING CLINICAL SIGNS

- Two new masses. 1) left lateral shoulder, attached to muscle, 8mm. 2) ventral neck, SQ, 6mm, firm. FNA taken from both

CYTOLOGY SUBMISSION

FNA of the ventral neck mass and shoulder mass were submitted

OBSERVATIONS

Ventral neck mass: Submitted are 5 excellent videos and 9 excellent images of cells collected from the ventral neck mass on Mollie. There is some packeting of cellularity which includes irregular spindloid to polyhedral cells many of which have vacuolated cytoplasm. Neutrophils are readily identified in these collections. The irregular spindloid to polyhedral cells demonstrate anisocytosis and anisokaryosis including the potential of a mitotic figure in one of the cells. This causes concern about the source of these irregular cells.

Lateral left shoulder mass: Submitted are 4 excellent images of cells collected from the left lateral shoulder mass on Mollie. There is cellularity in this collection that is similar to that on the ventral neck. There are spindloid to polyhedral cells some of which are vacuolated with scattered neutrophils and a hemorrhagic collection. The irregular cells demonstrate anisocytosis and anisokaryosis as observed in the ventral neck region.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Ventral neck mass - Irregular polyhedral to round cells that are difficult to confirm but could be histiocytic cells or macrophages with inflammation or an outside possibility of some type of sarcoma. Left lateral shoulder mass - Similar cells to the ventral neck with prominent inflammation which may be histiocytic cells or potential sarcoma cells.

COMMENTS

The collections from both sites have similar cells and there is definitely inflammation present. These could be macrophages or histiocytic cells with prominent inflammation including the potential of foreign body penetration or other types of inflammation. There is a mitotic figure in one of the images from the ventral neck causing concern about the possibility of a sarcoma. If these are both sarcoma collections, then this is some type of histiocytic sarcoma. I even considered the possibility of a thyroid carcinoma in the ventral neck but I'm unable to confirm that diagnosis. Treatment with anti-inflammatory products for a time to see if these lesions decrease in size is encouraged. If they do not decrease in size then excision will be required to confirm the underlying process. Follow up biopsies will be necessary. A guarded prognosis is warranted until this cellularity can be confirmed by biopsy.



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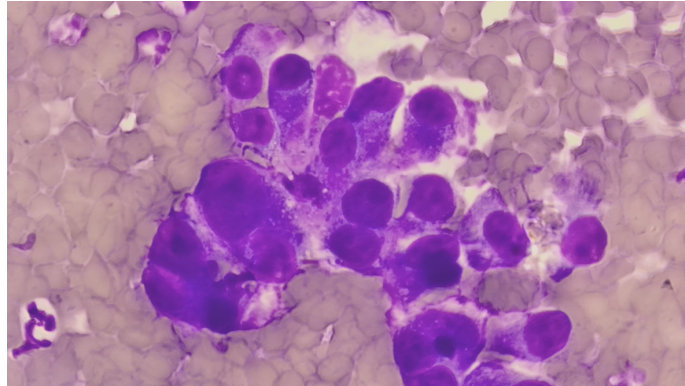
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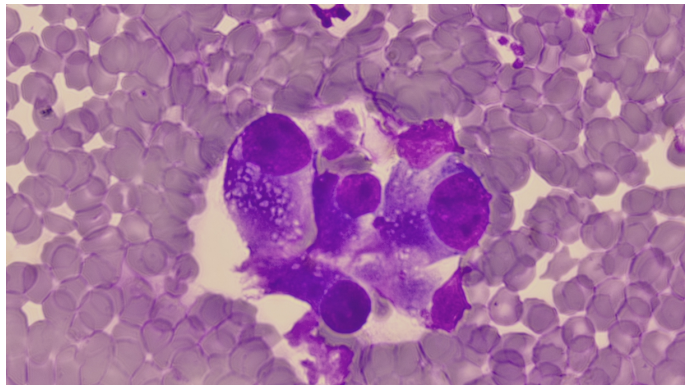
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CYTOLOGY IMAGE



This is an image of cells collected from the ventral neck mass on Mollie. Note the prominent anisocytosis and anisokaryosis in these cells with inflammation surrounding the cells and prominent hemorrhage.



This is an image of cells collected from the left shoulder mass on Mollie. Note the prominent anisocytosis and anisokaryosis and vacuolization of the cytoplasm. Neutrophils were also associated with this collection.

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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.

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

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