



DATE PRESENTING CLINICAL SIGNS

6/2/22

Two months ago, pt had an unexplained episode of left pelvic limb lameness with large bruising over the ventral abdomen. By the time I saw the dog, the lesions were resolving of their own accord. Owner did not return for follow up. Yesterday patient had swelling, and lameness associated with the stifle. No known cause. Over the last 24 hours the swelling has become severe.

INTERPRETED BY

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

On examination the patient is running a fever. Abscess or cellulitis was initially suspected, but FNA does not show evidence of such. Except for the marked severe swelling, no obvious masses are found. The swelling is circumferential around the distal thigh and the stifle. Deep palpation is impossible due to current swelling and the popliteal LN is obscured by it. The swelling is indiscrete, more diffuse and generalized rather than defined. In-house FNA cytology shows cells are almost exclusively mast cells. A primary mass is not found yet. CBC, chems, UA, and imaging are pending.

PATIENT

Him

Bella Bonham

SPECIES CYTOLOGY SUBMISSION

FNA of Rear leg mass

Canine

OBSERVATIONS

Rear leg mass: Submitted are 5 excellent videos of excellent collections of cells from the subcutaneous mass in the leg in Bella. The cellularity is consistent with massive numbers of cells with metachromatic to purple granules in the cytoplasm. Some of the cells are poorly granulated. There are massive numbers of granules in the background. These are characteristic mast cell granules.

BREED

Boston Terrier

SEX

Female spayed

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Rear leg mass - Mast cell tumor, probably high-grade.

AGE

11yr

COMMENTS

The cellularity is a characteristic mast cell tumor with variably granulated mast cells. Some of the cells are poorly granulated. There are many cells however that are well granulated. There is massive granularity in the background. Cytologically, the cellularity would suggest an intermediate or grade 2 mast cell tumor, but the growth does not appear to be acting that way clinically. Some grade 2 mast cell tumors lean towards high-grade and thus I am concerned that this is a high-grade mast cell tumor. From your description, excision may be very difficult. Chemotherapy may be of benefit in Bella. A guarded to unfavorable prognosis is definitely warranted.

WEIGHT

23 lbs

HOSPITAL NAME

Friendship Springs
Veterinary Care

REFERRING VET

Dr. Trae Cutchin

INVOICE NUMBER

40534



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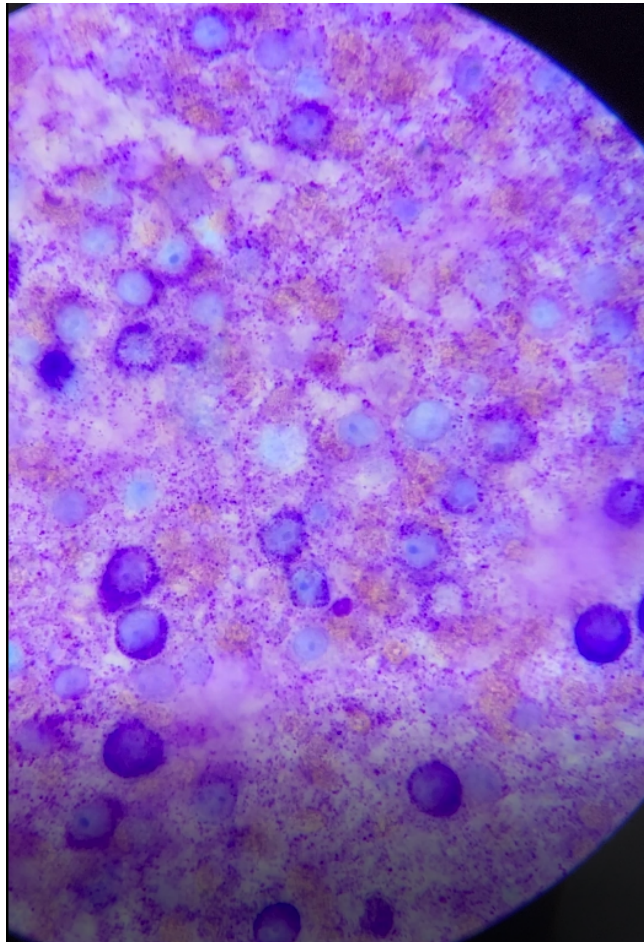


Image shows a field of mast cells with many poorly granulated mast cells in the background. I am concerned about a high grade mast cell tumor.

WEIGHT

23 lbs

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.

HOSPITAL NAME

Friendship Springs
Veterinary Care

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