



**DATE PRESENTING CLINICAL SIGNS**

4/3/23

Patient seems painful to owner but not sure where. No previous abnormal history. On presentation patient has mild weight loss and is painful cranial thoracic spine with an indistinct swelling just caudal to the scapulae on the dorsal midline. On neuro exam pt has CP deficits in the pelvic limbs, normoreflexia and postural responses. Forelimb exam and cranial nerves are normal. On FNA the lesion produced bloody fluid. This was saved in EDTA and slides were prepared in a typical blood smear-type prep. The images were gathered from the feathered edge. The remainder of the smear revealed no other abnormal cell types.

**INTERPRETED BY**

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

**PATIENT CYTOLOGY SUBMISSION**

FNA of T6 Mass

Bailey Persons

**SPECIES OBSERVATIONS**

Canine

T6 mass: Submitted are 15 images and videos of cells collected from this dorsal mass in the T6 region on Bailey. The cellularity consists of large numbers of round to polyhedral cells and in some areas, they are elongated. There is prominent anisocytosis and anisokaryosis. Particularly prominent are multi nucleated giant cells that appear to be tumor giant cells. There is minimal inflammation. These cells have vacuoles and granularity in the cytoplasm. Occasionally there is a slight pink staining material interspersed through these proliferating cells. The clumps of cells definitely support neoplasia. A mitotic figure was observed.

**BREED**

Hound mix

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX**

T6 mass - Consistent with soft tissue sarcoma with multi nucleated giant cells. (See comments)

Female Spayed

**COMMENTS**

**AGE**

12y

The cellularity is strongly suggestive of a sarcoma. The multi nucleated giant cells are consistent with that type of the process. The cellularity could be an osteosarcoma or some similar process. It is not showing all of the characteristics of a fibrosarcoma but that type of condition cannot be ruled out. A histiocytic sarcoma cannot be ruled out. Even an induced sarcoma could be on the list. Excision or biopsy will be required to identify the specific cell type. Consultation with an oncologist may be beneficial if therapy is contemplated. A guarded to unfavorable prognosis is warranted with the cellular process and particularly in association with the radiographs submitted. I am not very good at radiographs, but I could see that lesion.

**WEIGHT**

42 lbs

**HOSPITAL NAME**

Friendship Springs  
Veterinary Care

**REFERRING VET**

Dr. Trae Cutchin

**INVOICE NUMBER**

40696



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**PATIENT**

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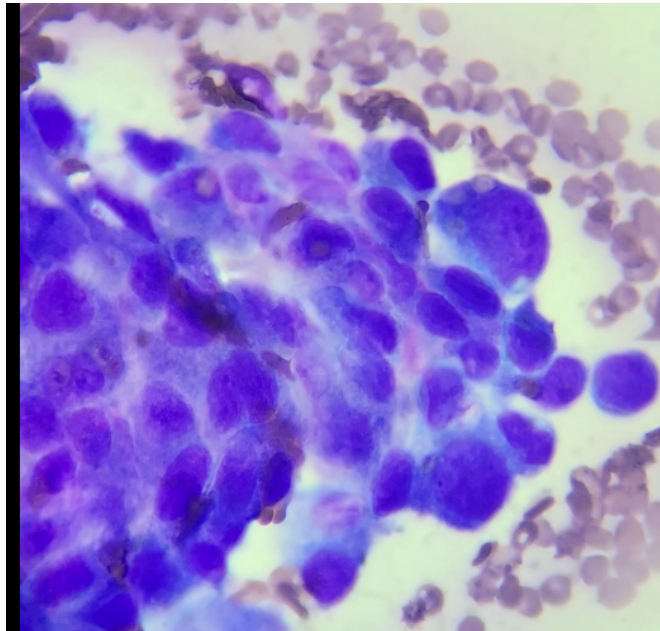


Image shows a group of tumor cells with prominent anisokaryosis and some pink material collected from the T6 mass on Bailey.

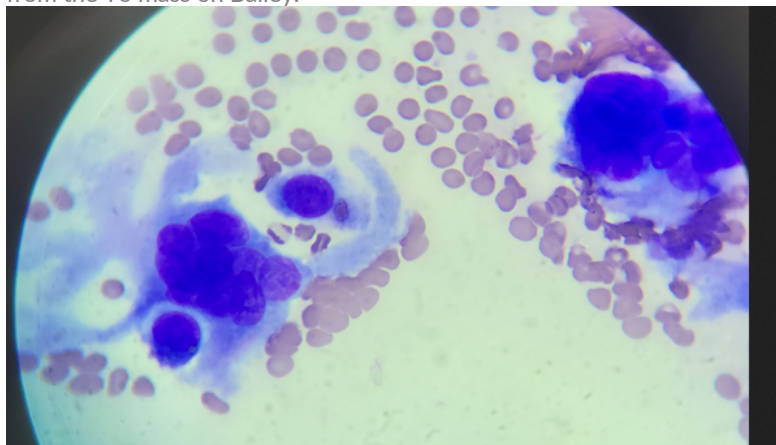


Image shows 2 multinucleated giant cells associated with the T6 mass on Bailey. They appear to be tumor giant cells.

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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.

**REFERRING VET**

Dr. Trae Cutchin

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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Cottonwood Heights, UT 84121  
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cell: 801-865-1220

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