



**DATE PRESENTING CLINICAL SIGNS**

7/14/23

Dermal mass on RH hock. Raised, less than 1cm. Noticed 1 month ago. bleeding on and off.

**INTERPRETED BY CYTOLOGY SUBMISSION**

FNA of Dermal

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

**OBSERVATIONS**

Right hock mass: Submitted are 8 excellent videos of excellent collections of cells with excellent staining of the cells from the right hock on Clyde. The cellularity consists of rather uniform round cells with prominent anisocytosis and anisokaryosis. There are occasional binucleate cells. Nucleoli are minimal. The chromatin is euchromatic. The cytoplasm is bluish gray with small, pale granules and occasional pale areas next to the nucleus.

**PATIENT**

Clyde Leahey

**SPECIES INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Canine

Right hock mass - Round cell sarcoma, see comments.

**COMMENTS**

**BREED**

Doberman Pinscher

This is a characteristic round cell tumor. I am unable to specifically confirm the round cell type. It is not a lymphoma or a mast cell tumor. It is not a spindle cell sarcoma or carcinoma. It could be some type of histiocytic sarcoma including a histiocytic sarcoma of the synovial tissue that is growing outwardly. Another possibility is a plasmacytoma within the skin. I even considered the possibility of an amelanotic malignant melanoma with minimal granularity. This is lower on my differential diagnosis list. I expect it is going to be one of the first two diagnoses that I have listed. Excision of the mass after confirming whether this is involving the joint or not is encouraged. A guarded prognosis is warranted until the specific cell type can be identified but it is certainly a round cell tumor.

**SEX**

Male Neutered

**AGE**

7y

**WEIGHT**

110 lbs

**HOSPITAL NAME**

Central Veterinary  
Hospital

**REFERRING VET**

Dr. Michel Hardaker

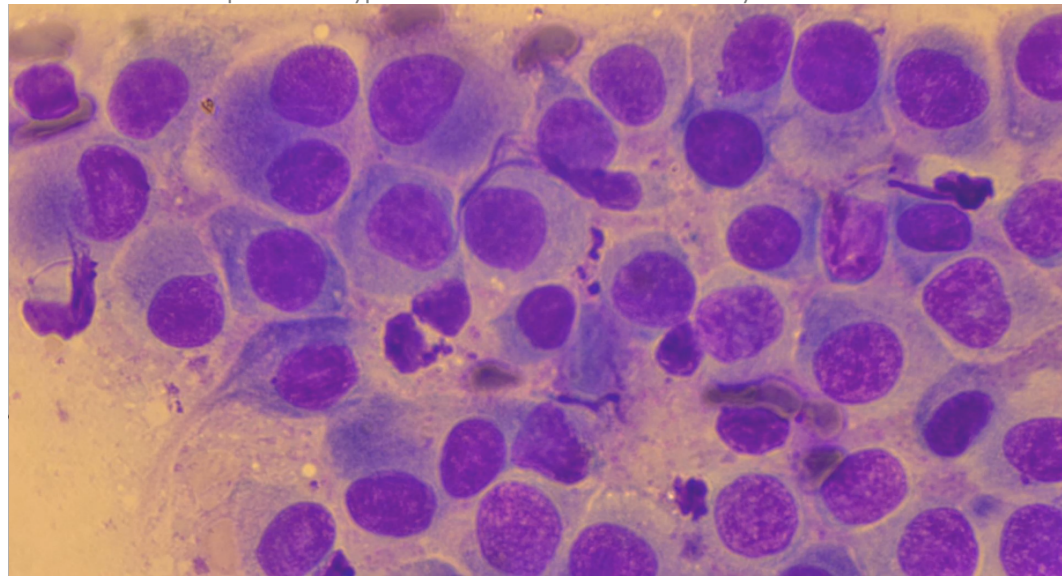


Image shows the round cells with a binucleated cell in the upper left collected from the dermal mass on the right hock on Clyde. This staining is excellent with a great cellular collection. Note the anisokaryosis and anisocytosis.

**INVOICE NUMBER**

40776



**DATE** 7/14/23 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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