



DATE PRESENTING CLINICAL SIGNS

10/17/22

Right pelvic limb- Pitting edema from proximal femur to toes. Large, round right inguinal subcutaneous mass - probable sarcoma? Assess for possible surgery. Cytology for in-house purposes (not to be billed externally) w/ first CT done of mass on R hind leg of Mastiff

INTERPRETED BY

L.D. McGill, DVM,

Ph.D, DACVP

CYTOLOGY SUBMISSION

Subcutaneous collection

OBSERVATIONS

Subcutaneous collection from the right pelvic limb: Submitted are 6 excellent videos of minimal nucleated cellular collection with erythrocytes and serum. There is a background of stain precipitate with protein. The cellularity is mixed although very few. There are scattered cells that are neutrophils and necrotic cells. Scattered mononuclear cells are identified. I was able to identify some spindloid to polyhedral cells. Some of have vacuolated cytoplasm. These cells are few in numbers.

PATIENT

Brody Fabian

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Subcutaneous collection from the right pelvic limb - Minimal cellularity consistent with inflammation and cells that could be representative of hemangiosarcoma.

Canine

COMMENTS

The cellularity is not diagnostic of hemangiosarcoma but it could be representative of hemangiosarcoma. Hemangiosarcomas are difficult to collect cells from but the cells that were collected are suspicious of that potential. There is stain precipitate suggesting that the stain needs to be changed or filtered. This could be a hemangiosarcoma but there are so few cells that I cannot make that diagnosis. There is inflammation and there is hemorrhage. Both of those changes could occur secondarily to a hemangiosarcoma. I recommend re-aspiration with the goal of collecting more cells or a follow-up biopsy to confirm the diagnosis.

BREED

Mastiff

SEX

Male Neutered

AGE

5y

WEIGHT

150#

HOSPITAL NAME

Sonopath Imaging Center

REFERRING VET

Dr. Lindquist

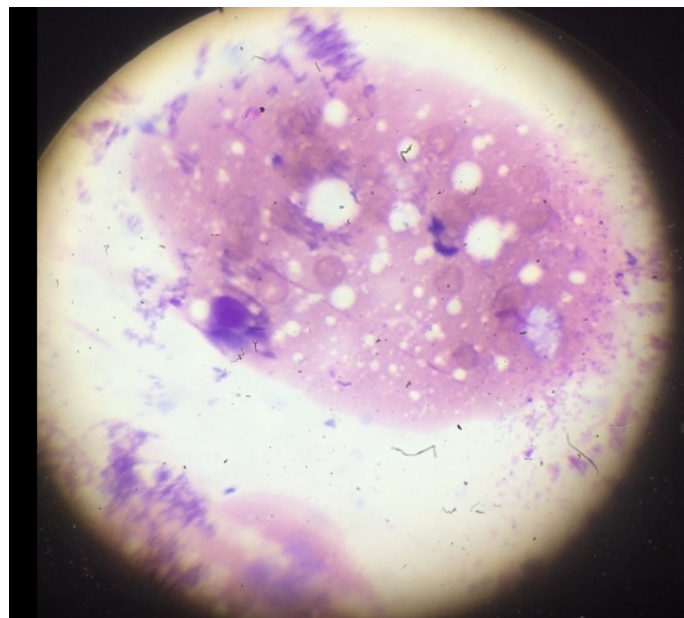


Image shows 1 of the polyhedral to spindloid cells with hemorrhage and stain precipitate in the sample collected from Brody.

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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.

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L.D. McGill, DVM,

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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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