



DATE PRESENTING CLINICAL SIGNS

11/30/22

History of R TPLO in 2018. Lameness on LH starting June 2022. Lameness worsening recently and radiographs taken. Radiographs reviewed by boarded radiologist... LH stifle effusion, transitional LS vertebrae, and concern for enlarged LH popliteal LN. FNA of LN taken 11/29/22.

INTERPRETED BY CYTOLOGY SUBMISSION

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

Joint; lymph node

OBSERVATIONS

Joint effusion aspirate: Submitted are several videos of collections of cells from the joint collected from Clyde. This is indicated by the strings of apparent synovial fluid collected from the joint. There is a mixed cellular collection including neutrophils, lymphocytes and scattered macrophages. The macrophages have foamy cytoplasm and likely are synovial cells that are reacting to chronic inflammation at this location. The neutrophils do not appear to be degenerate. There were scattered structures that suggested coccoid bacteria but this cannot be confirmed without culture.

PATIENT

Clyde Leahey

Lymph node aspirate: Submitted are at least two aspirates of lymph node tissue. There are erythrocytes with reactive lymphoid cells, scattered neutrophils and plasma cells. Malignant cellularity is not identified in the lymph node. This lymph node is likely draining inflammation from the joint.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Joint effusion aspirate - Chronic suppurative and apparent Pyogranulomatous inflammation with lymphoid cells.

BREED

Lymph node aspirate - Chronic suppurative lymphadenitis with reactive or stimulated lymph node.

Doberman Pinscher

COMMENTS

SEX

Male Neutered

The joint fluid supports a chronic inflammatory process and suggests degenerative joint disease. This is a mixed cell collection with lymphocytes, neutrophils and reactive synovial cells. If there are bacteria present, they are few but much of the reaction is likely due to trauma and degenerative joint changes. I cannot identify immune mediated disease but it is possible as well. At this time I am most concerned about trauma and a degenerative joint disease process in the joint. Culture of the joint fluid is encouraged.

AGE

6y

The lymph node aspirate demonstrates lymphoid cells with chronic inflammation including plasma cells. The lymph node does not support neoplasia but it does support chronic inflammation draining there. This is likely inflammation from the joint. A guarded prognosis is warranted but continued evaluation of a reason for trauma and flexibility in the joint is required to control the problems in Clyde.

WEIGHT

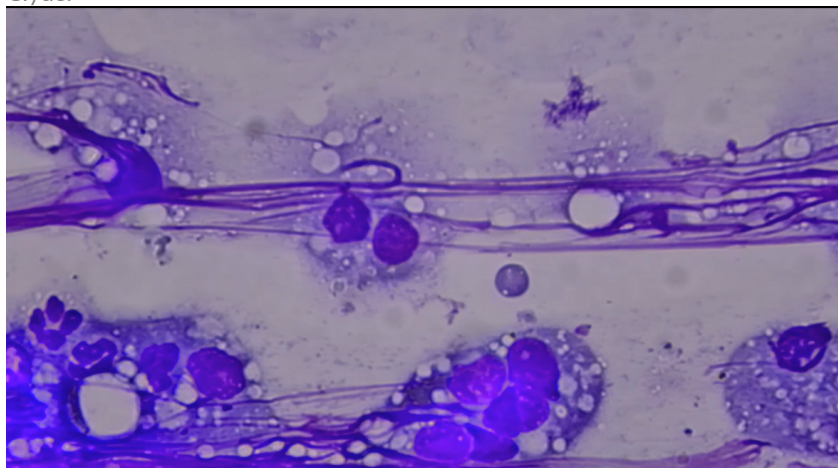
112lbs

HOSPITAL NAME

Central Veterinary
Hospital

REFERRING VET

Dr. Goeldner



INVOICE NUMBER

843

Image shows cells collected from the synovial fluid on Clyde. Note the strings of synovial fluid with neutrophils, lymphocytes and foamy macrophages.



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PATIENT

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SPECIES

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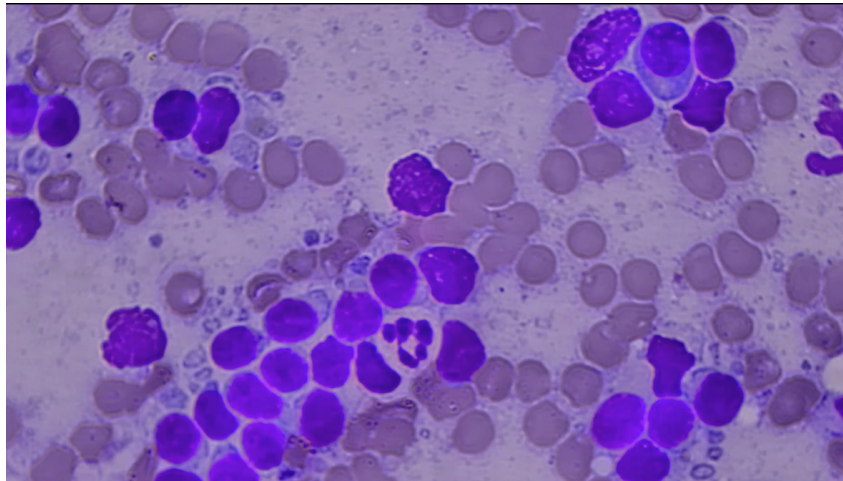


Image shows a representative collection of lymphocytes, neutrophils and a plasma cell from the lymph node on Clyde. Lymphoglandular structures are in the background.

BREED

Doberman Pinscher

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.

SEX

Male Neutered

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.

AGE

6y

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