



DATE PRESENTING CLINICAL SIGNS

4/13/23

Not Acute onset lethargy, RF leg lameness and inappetence 2 days ago. At recheck the next day, vomiting as well. Pleural effusion noted on Rads. Started Lasix injections until US today.

US Thorax: normal cardiac function; moderate volume pleural effusion. Irregular and possibly mineralized lesion in R cranial thorax. FNA of lesion, but didn't exfoliate well. Thoracocentesis yielded hemorrhagic, thick fluid. Slide made of fluid.

BW: WNL

INTERPRETED BY

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

PATIENT CYTOLOGY SUBMISSION

FNA of Pleural Fluid

Silas Armstrong

OBSERVATIONS

SPECIES

Canine

Pleural fluid: Submitted are 8 excellent videos of cells collected from the pleural fluid in Silas. The cellularity consists of large numbers of neutrophils and macrophages with foamy cytoplasm. Scattered reactive mesothelial cells with pseudopodia are identified. The macrophages contain vacuoles and apparent red blood cell debris. There is no suggestion of malignancy.

BREED

Labrador Retriever

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Pleural fluid - Pyogranulomatous inflammation with reactive mesothelial cells and foamy macrophages.

SEX

Male Neutered

COMMENTS

AGE

10 years

The cellularity in this collection is characteristic of a chronic inflammatory process. There appears to be extensive material that is being phagocytosed by the macrophages. This includes red blood cells debris and lipid material. Occasionally I wondered about bacteria, but I was unable to confirm that potential. The larger darker cells are reactive mesothelial cells. They demonstrate skirts or pseudopodia. This cellularity is entirely inflammatory which may be primary or secondary. There is no suggestion of sepsis or malignancy. Reevaluation of the mass may be beneficial in this case. A guarded prognosis is warranted since this inflammatory process may be primary or secondary.

WEIGHT

100 lbs

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Bennett

INVOICE NUMBER

40706



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PATIENT

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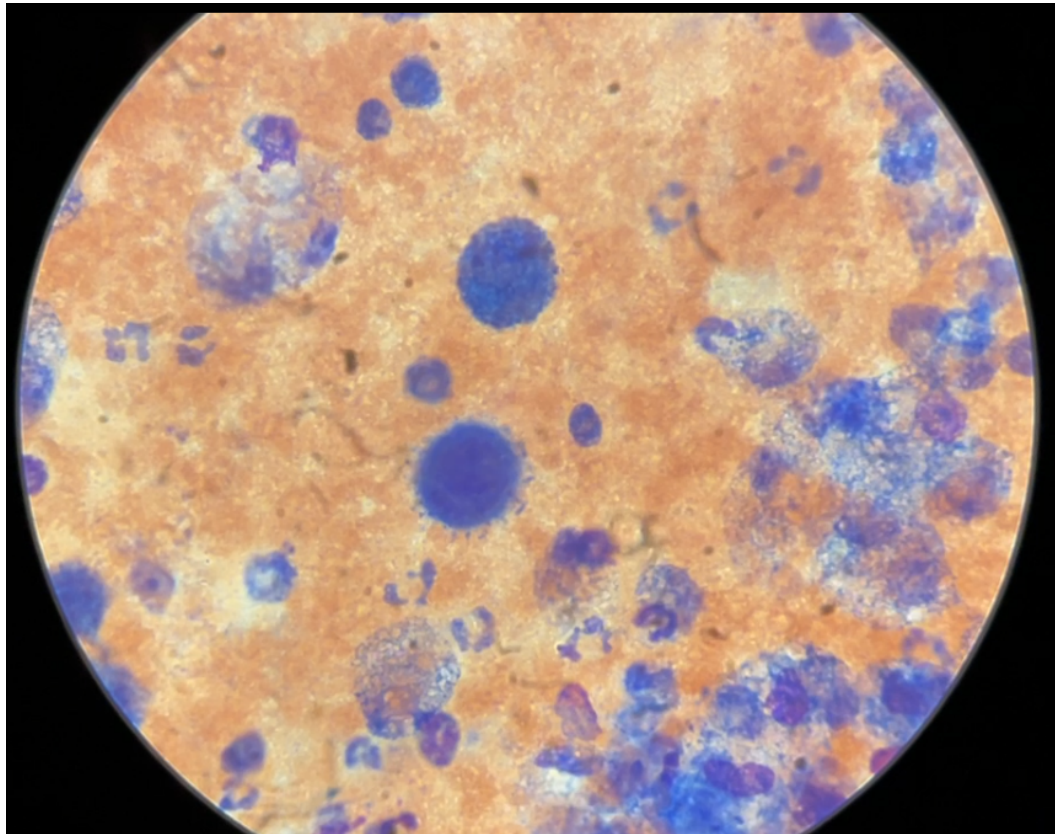


Image shows mixed nucleated cells with foamy macrophages and reactive mesothelial cells collected from the fluid in Silas. The background is RBCs.

AGE

10 years

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.

WEIGHT

100 lbs

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

Scanvet

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