



DATE PRESENTING CLINICAL SIGNS

8/22/22

Presented on ER for dyspnea. Was seen by rDVM 2 days ago for dyspnea, lethargy, weight loss, maybe started slowing down in June. Radiographs showed large amt right sided pleural effusion, bloodwork essentially normal (sl elev globulins). Sample wasn't not submitted for pathology interp but in-house comments on high numbers degenerate neutrophils, no bacteria noted, and high cellularity otherwise of unknown origin. Clavamox/enroflox were prescribed (Thursday) in case septic process but owners counseled on poor prognosis.

INTERPRETED BY

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

CBC is normal, sl elev globulins on chem panel

PATIENT CYTOLOGY SUBMISSION

Holly Ronquillo

FNA of Pleural fluid

SPECIES OBSERVATIONS

Canine

Pleural fluid: Submitted are 6 excellent videos of excellent collections of non-concentrated samples of pleural fluid from Holly. There is a massive cellularity the majority of which are neutrophils and macrophages. Reactive mesothelial cells are observed. There are few lymphocytes and some appear to be cleaved but they could also be small reactive macrophages. There are bacteria in several macrophages and neutrophils. The bacteria appear to be rod shaped. Malignant characteristics are not confirmed. The lymphocytes could be responding to chronic inflammation in this collection. The macrophages and mesothelial cells are phagocytosing red blood cells and other nucleated debris.

BREED

Pit Bull

SEX

Spayed female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Pleural fluid - Pyogranulomatous inflammation with bacterial infection

AGE

7yr

COMMENTS

The cellularity is characteristic of an infection and inflammatory process. There is still bacterial infection throughout the collection. The bacteria are rod shaped when identified in macrophages and neutrophils. The lymphoid cells are likely reactive. This reaction continues to be an inflammatory process with bacterial infection. This is an extremely cellular collection from non-concentrated samples. A guarded to unfavorable prognosis is warranted due to this severe inflammatory process. Continually draining the area and treatment with antibiotics is encouraged.

WEIGHT

19.7kg

HOSPITAL NAME

Animal Emergency Care

REFERRING VET

Dr. Callihan

INVOICE NUMBER

40582



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PATIENT

Holly Ronquillo

SPECIES

Canine

BREED

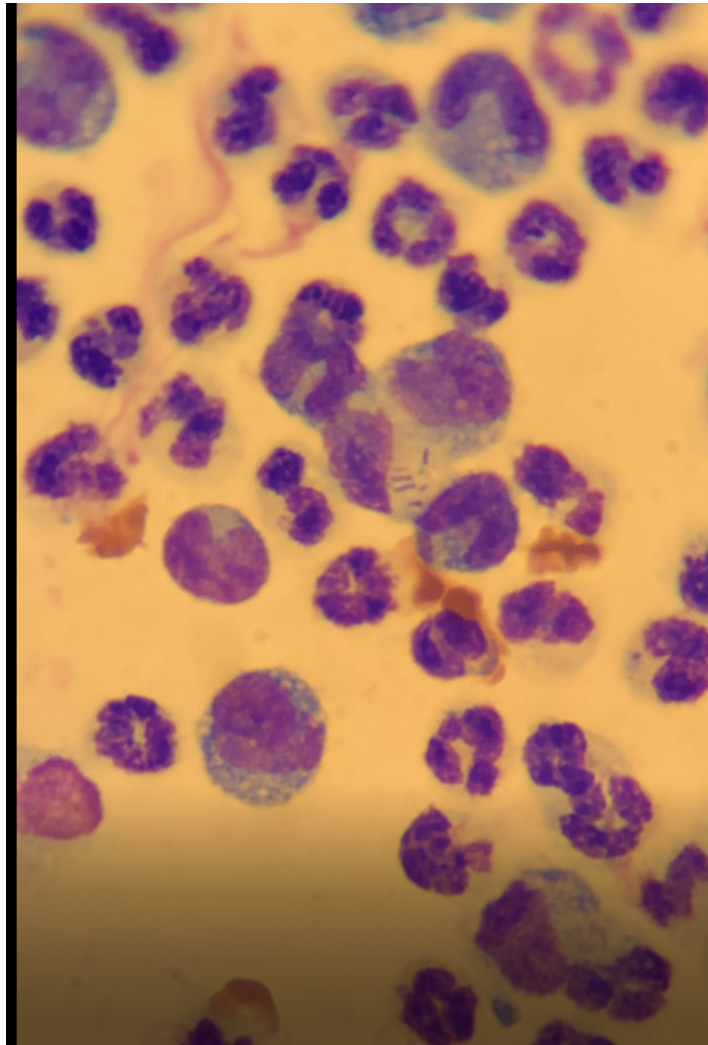
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Image shows a representative collection of cells from the pleural fluid in Holly. Note the bacteria in the macrophage in the center.

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.

HOSPITAL NAME

Animal Emergency Care

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.

REFERRING VET

Dr. Callihan

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