



PATIENT

Leo 120881

SPECIES

Canine

BREED

Poodle

SEX

Male

AGE

1 year

WEIGHT

3 kg

INTERPRETED BY

Dr. Lawrence McGill,
DVM, Ph.D., Diplomate,
ACVP

IMAGING PERFORMED BY

Dr. Inam

HOSPITAL NAME

Pawsitive Veterinary
Clinic Dubai Silicon
Oasis

REFERRING VET

Dr. Inam

INVOICE

75292

DATE

5/7/26

PRESENTING CLINICAL SIGNS

History: There is interstitial pattern in the right cranial thorax. The patient had cough about 3-4 months ago, currently asymptomatic. Bronchoalveolar lavage was done and the sample was submitted for interpretation. Fecal sample was also collected for Baermann testing to rule out lung worm infection. Some worm like structures were also noticed in some images - Are they lung worm?

CYTOLOGY SUBMISSION

Bronchoalveolar lavage was submitted

OBSERVATIONS

Bronchoalveolar lavage: Submitted are 86 good to slightly out of focus images of cells collected from the bronchoalveolar lavage in Leo. The cellularity is mixed with large numbers of lymphocytes, scattered macrophages with foamy cytoplasm and scattered neutrophils with rare eosinophils. There are strands of mucus in the collection but no suggestion of parasites. The lymphocytes are mainly small mature lymphocytes. Occasional clumps of mucus were identified.

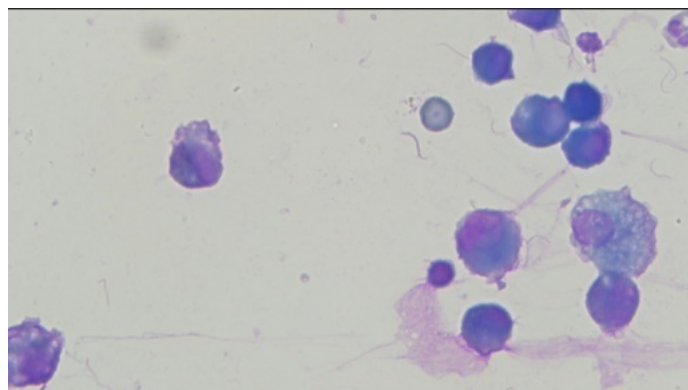
INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Bronchoalveolar lavage - Chronic nonspecific bronchitis with fluid and lymphocytes.

COMMENTS

The cellularity in this collection confirms a chronic inflammatory process with large numbers of lymphocytes. This can be secondary to many different conditions. This could be from irritation in the past and the mucus in the macrophages suggest that this is a chronic irritation of some type. This could be from dust or could be from a past infection in the region. There are no changes that would support parasites in this collection nor allergy. There could be some allergic changes but they would be in the past. There certainly is no suggestion of malignancy. I suspect some type of chronic irritation due to inflammation or dust inhalation resulting in chronic bronchitis. If problems continue, then anti-inflammatory products can be considered. Controlling Leo's environment may be beneficial.

CYTOLOGY IMAGE



This is an image of representative cells collected from the BAL from Leo. There are macrophages with lymphocytes and scattered neutrophils in the collection. Any structures that are elongated are due to mucus strands.



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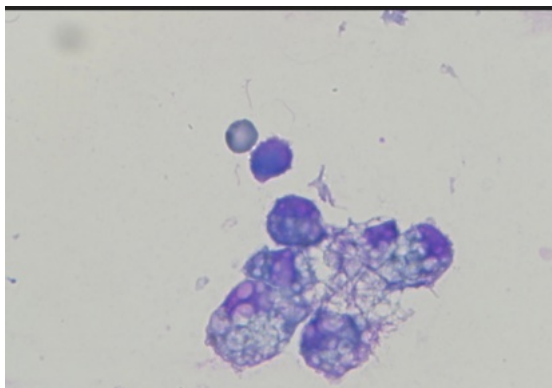
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This is an image demonstrating lymphocytes with a good group of macrophages collected from the BAL from Leo. These macrophages suggest extensive mucus secretions as the result of chronic bronchitis.

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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