



DATE PRESENTING CLINICAL SIGNS

10/27/21

Hacking cough, large, solitary pulmonary nodule in L middle lung region.
CBC wnl.
Ultrasound of mass reveals homogenous, soft tissue pulmonary mass.
FNA obtained for cytology.

INTERPRETED BY

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

CYTOLOGY SUBMISSION

Lung

OBSERVATIONS

Lung: Submitted are 6 excellent videos and 2 images of cells collected from the lung in Mancha. There are excellent packets of cells that demonstrate anisocytosis and anisokaryosis. These cells appear to be epithelial cells aggregated in irregular packets. Interspersed are large numbers of inflammatory cells including neutrophils and macrophages. Degenerate debris is occurring in some fields but it is minimal. The major cellularity is the irregular packets of epithelial cells depicted in the following photo.

PATIENT

Mancha Jones

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Lung: Consistent with pulmonary carcinoma with secondary chronic pyogranulomatous inflammation.

BREED

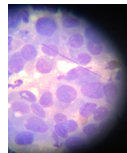
Labrador

COMMENTS

The cellularity in these packets of epithelial cells strongly supports carcinoma. I am unable to identify the specific source from within the lung but it appears to be a carcinoma with secondary inflammation. Secondary inflammation often accompanies pulmonary carcinoma. The cellularity certainly strongly supports a pulmonary carcinoma with secondary inflammation. Excision or excision biopsy will be required to confirm the diagnosis. Due to this cellularity, an unfavorable prognosis is warranted.

SEX

Female Spayed



AGE

11y

Image shows a group of epithelial cells with anisocytosis and anisokaryosis collected from the lung in Mancha. The inflammation is secondary.

WEIGHT

57.4

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

Ruidoso Animal Clinic

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. Favis

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INVOICE NUMBER

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