



DATE PRESENTING CLINICAL SIGNS

9/22/22 Not Weight loss of 6 lbs, PU/PD
PE: tachypneic, QAR/depressed, T 102.5
BW: very high WBC ct, rest WNL

INTERPRETED BY

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

RADS: round soft tissue density in caudo-dorsal R lung field adjacent to the diaphragm.
AUS/thoracic US: mixed echogenicity mass in R cd. thorax, central mineralization, possibly necrosis centrally. Irregular margins.

PATIENT CYTOLOGY SUBMISSION

FNA of Lung

Daisy Gibson

SPECIES OBSERVATIONS

Canine Lung mass: Submitted are 5 excellent videos of excellent collections of cells from the lung mass in the site described in Daisy. The cellularity consists of large numbers of cells proliferating in irregular patterns. These cells have minimal cytoplasm in many instances and the nuclei are euchromatic. Nucleoli are not prominent. They are present in some cells. I think I saw one mitotic figure. The cellularity is definitely proliferative and interspersed with moderate to large numbers of neutrophils.

BREED The neutrophils appear to be secondary to this disorganized proliferative process.

Lab mix

SEX INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FS Lung mass - Proliferative process suggestive of possible mesothelioma or other neoplastic process including an epithelial mass or even the potential of a neuroendocrine mass.

AGE COMMENTS

11 years The cellularity strongly supports a neoplastic process. The specific cell type is somewhat more difficult to confirm. There are lots of changes in these cells that suggest mesothelioma to me with secondary inflammation. I do not think it is a primary pulmonary carcinoma. It may be metastatic from another location including the possibility of a neuroendocrine carcinoma. Biopsy will be required to confirm the underlying cellular process. In my opinion, the inflammatory response is secondary in this instance.

WEIGHT

66 lbs

Excision of the mass may prolong Daisy's life. This may be an intricate surgery and then identification of the mass may be beneficial in prognosis. At this time, my opinion is that an unfavorable prognosis is warranted.

HOSPITAL NAME

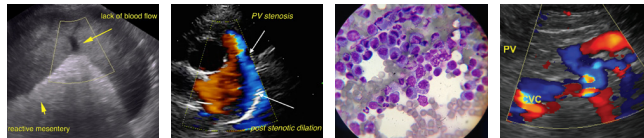
Scanvet

REFERRING VET

Dr. Sheridan

INVOICE NUMBER

40610



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PATIENT

Daisy Gibson

SPECIES

Canine

BREED

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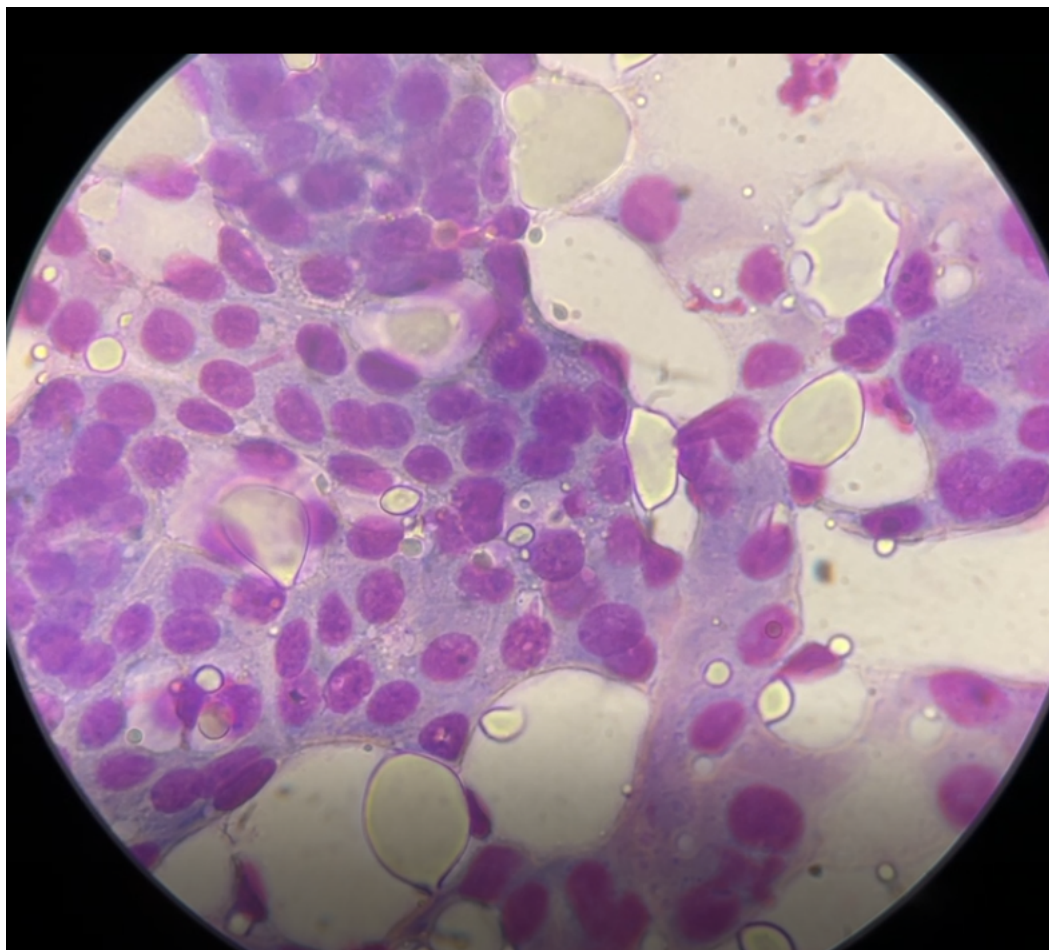


Image shows a group of apparent tumor cells from the mass in Daisy. I think there is a mitotic figure in the lower right area in the photo. Note that the nucleoli are small and few.

WEIGHT

66 lbs

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

Scanvet

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. Sheridan

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