



DATE PRESENTING CLINICAL SIGNS

3/3/22

Increasing exercise intolerance over past few months, now will not go for walks at all. Not eating, lethargic and coughing. Treated with Doxycycline for Lyme + (3 weeks ago) with minimal improvement. Cytospin of tapped pleural fluid.
PE: tachypneic, quiet but alert.

INTERPRETED BY

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

RADS (attached): pleural effusion with possible variable sized nodular changes in R middle lung lobe.
CBC/Chem/T-4: WNL except Globulins elevated.
Thoracic and cardiac US today: marked pleural fluid and possible consolidated lung lobes.
Cardiac function WNL, no free fluid in abdomen.

PATIENT

Sadie Walker

CYTOLOGY SUBMISSION
FNA of Pleural fluid

SPECIES

Canine

OBSERVATIONS

Pleural fluid: Submitted are 10 excellent videos of cells collected from the concentrated pleural fluid in Sadie. There are large numbers of reactive mesothelial cells scattered throughout much of the fluid. There are irregular aggregates of cells that are clumped together. The cells have large nuclei and prominent anisocytosis. Many the nuclei contained nucleoli. The clumps are irregular and do not show pseudopodia as the reactive mesothelial cells do. They appear to be different cells than reactive mesothelial cells. The cells are interspersed with neutrophils and red blood cells.

BREED

Lab mix

SEX

FS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Pleural fluid: Aggregates of cells suggesting carcinoma cells with large numbers of reactive mesothelial cells and inflammation.

AGE

13 years

COMMENTS

The cellularity in this collection is mainly reactive mesothelial cells but they are interspersed with packets of epithelial cells that appear to be irregular and neoplastic. The cells are aggregated with prominent nuclei and nucleoli. This suggests that there is likely a carcinoma in the pulmonary tissue or this cellularity is metastatic from some other location that has not been identified at this time. An unfavorable prognosis is warranted with the identification of these irregular aggressive appearing carcinoma cells.

WEIGHT

52 lbs.

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Sanders

INVOICE NUMBER

70471



DATE

3/3/22

INTERPRETED BY

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

PATIENT

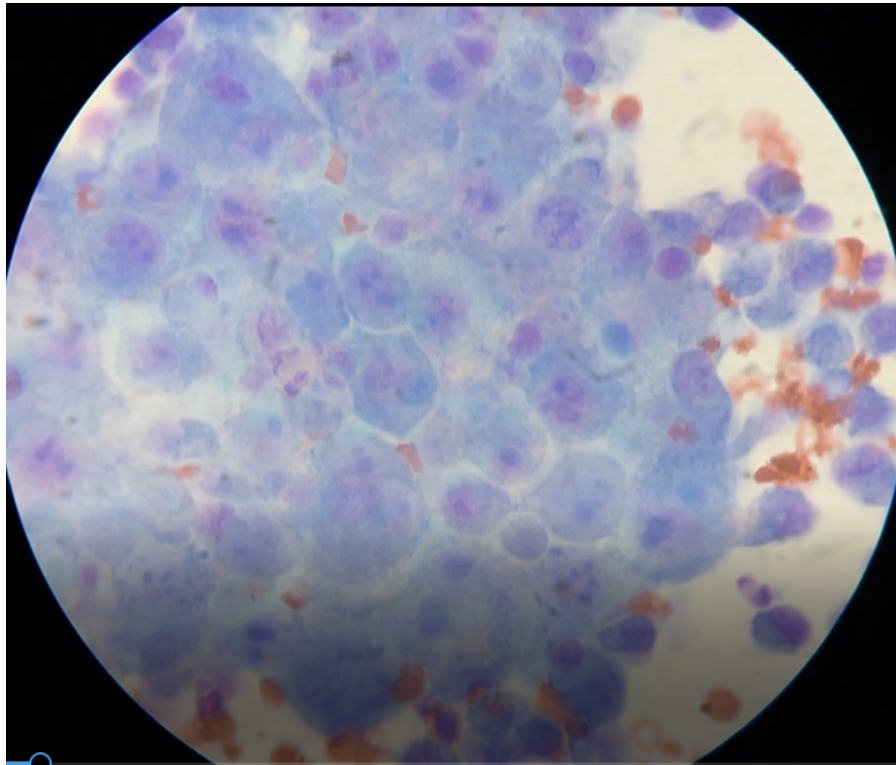
Sadie Walker

SPECIES

Canine

BREED

Lab mix



SEX

Image shows cells that have the appearance of carcinoma cells collected from Sadie. They are aggregated, pleomorphic and show prominent nucleoli.

FS

AGE

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.

13 years

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.

WEIGHT

52 lbs.

L.D. McGill, DVM, Ph.D., DACVP
8288 Top of the World Drive
Cottonwood Heights, UT 84121
ldmcgill.vetpath@gmail.com
cell: 801-865-1220

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Sanders

INVOICE NUMBER

70471