



PATIENT

Teeka Warren

SPECIES

Canine

BREED

Coonhound

SEX

Spayed female

AGE

9 years

WEIGHT

61 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Sarah Botkin

HOSPITAL NAME

Ruidoso AC

REFERRING VET

Dr. Botkin

INVOICE

68754

DATE

11/17/25

PRESENTING CLINICAL SIGNS

History: 1 year hx of progressive cough. Pulmonary nodule noted on radiographs performed in April. Recheck radiographs in August showed mild growth. Fungal seology at that time revealed exposure to Valley Fever (travel hx limited to NM). Started on fluconazole for possible fungal granuloma. Radiographs last week revealed the mass had tripled in size since August. Patient has started coughing blood. R/o neoplasia vs fungal.
Abnormal PE/Chem/CBC/UA Results: Routine BW was unremarkable. Fungal serology was positive for Valley Fever in August. No response to antifungal therapy.

CYTOLOGY SUBMISSION

FNA of the lung mass was submitted

OBSERVATIONS

Lung mass: Submitted are 10 very good images and 3 excellent videos of cells collected from the lung mass in Teeka. The majority of the cellularity consists of neutrophils interspersed with macrophages that have a foamy cytoplasm. Occasionally these macrophages are aggregated. There are scattered aggregates of cells that have a variable appearance suggesting the possibility of epithelial cells but they are minimal in numbers compared to the inflammatory cells. Much of the cellularity appears to be degenerate as well. I did not identify any specific etiologic agents.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Lung mass - Severe pyogranulomatous inflammation with scattered aggregates of cells that may be epithelial cells.

COMMENTS

The major cellularity throughout all of this collection is an inflammatory process which is quite severe and chronic. There are areas of necrosis and degeneration but it appears to be pyogranulomatous in nature. There are small groups of epithelial cells in one or two images and in the video but they do not appear to be highly anaplastic. They could also be aggregates of macrophages. With the images and videos available, I am concerned about some type of localized inflammatory process. I did not identify any fungal agents but they still could be involved with this rather chronic inflammatory process. Even though this reaction is severely inflammatory in nature, excision may be required for therapy if further therapy is contemplated. This could even be the result of some type of foreign body in this region. A guarded to unfavorable prognosis is warranted in my opinion.



PATIENT

Teeka Warren

SPECIES

Canine

BREED

Coonhound

SEX

Spayed female

AGE

9 years

WEIGHT

61 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Sarah Botkin

HOSPITAL NAME

Ruidoso AC

REFERRING VET

Dr. Botkin

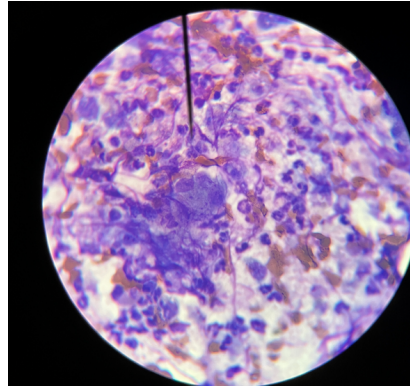
INVOICE

68754

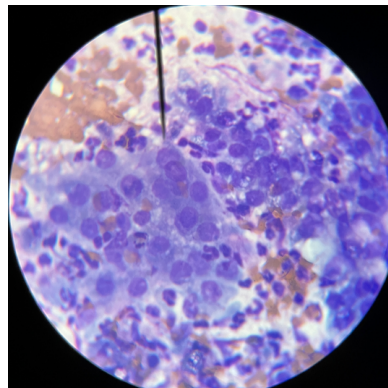
DATE

11/17/25

CYTOLOGY IMAGE



This is an image of a representative collection of neutrophils and macrophages interspersed in this lung mass in Teeka.



This is an image of inflammatory cells surrounding a group of cells that may be epithelial cells or could be groups of macrophages collected from the lung mass in Teeka. Inflammation is prominent in this field as well.

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

8288 Top of the World Dr. Cottonwood Heights, UT 84121

Cell: 801-865-1220 Ldmcgill.vetpath@gmail.com