

DATE PRESENTING CLINICAL SIGNS

3/27/22

The cat lives in owner's garden. She noticed some swelling on the left side of the oral cavity. Eating well and no other complaints

INTERPRETED BY

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

On PE, a small mass could be seen in the left caudal mandibular region. The second last lower left mandibular PM and the last molar were absent. There was advanced periodontal disease of the upper left last maxillary premolar. Dental extraction was planned for that. FNA of the lesion was obtained and submitted for cytology. I am thinking of:

1. Feline eosinophilic granuloma complex
2. Oral squamous cell carcinoma
3. Any other inflammatory lesion

PATIENT CYTOLOGY SUBMISSION

Blue Sara

Oral lesion

SPECIES

Feline

OBSERVATIONS

Oral lesion: Submitted are several images of cells collected from the oral lesion in Blue. The majority of the cells are neutrophils, many of which appear to be degenerate. There are scattered lymphocytes and scattered macrophages. I was able to identify one squamous cell. There appear to be coccoid bacteria in the background. I did not identify malignant characteristics or eosinophils.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Oral lesion - Pyogranulomatous inflammation with necrosis and apparent bacterial growth.

DSH

COMMENTS

The changes in these images strongly support an inflammatory process. Inflammation is at least a part of the reaction with bacterial infection that appears to be coccoid bacteria. There was one squamous cell but it is mature and inadequate to suggest neoplasia. Pyogranulomatous inflammation can be part of a neoplastic process but I would expect to see more epithelial cells if it is a squamous cell carcinoma. With the cells that we have, I am concerned about a rather severe bacterial infection with necrosis and degeneration. Antibiotic therapy will definitely be required. Anti-inflammatory therapy may also be beneficial. If the lesion does not go away with this type of therapy, then a follow-up biopsy may be required. A guarded prognosis is definitely warranted.

AGE

3y4mo

WEIGHT

3.67 kg

HOSPITAL NAME

City Veterinary Clinic
Alain

REFERRING VET

Dr. Inam ul haq

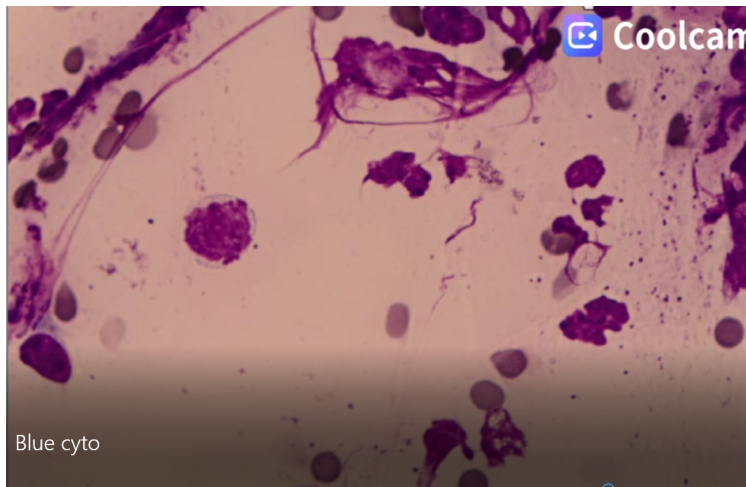
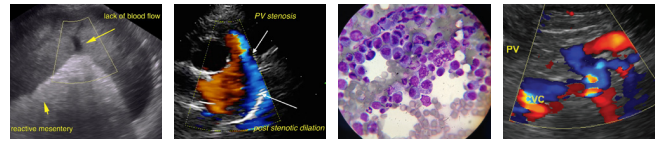


Image shows neutrophils and a lymphocyte with suggested coccoid bacteria to the right collected from Blue. Many neutrophils appear to be degenerate.

INVOICE NUMBER

701



DATE 3/27/22 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.

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

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

PATIENT
Blue Sara

SPECIES
Feline

BREED
DSH

SEX
Female

AGE
3y4mo

WEIGHT
3.67 kg

HOSPITAL NAME
City Veterinary Clinic
Alain

REFERRING VET
Dr. Inam ul haq

INVOICE NUMBER
701