

DATE PRESENTING CLINICAL SIGNS

10/19/22 Smooth SQ ovoid firm 2cm X2.5cm ventral neck moveable close to the R jugular.
A deeper mass 6cm diam., round smooth soft moveable from thoracic inlet to midcervical region. Both masses tapped for cytology. Mostly blood obtained on aspirates but a few islands of large rounded cells with round nuclei were noted. P also has resolving pitting edema of R rear limb at tarsus from undetermined cause. Lymph nodes were not noted to be enlarged.

INTERPRETED BY

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

CYTOLOGY SUBMISSION

Neck masses

PATIENT OBSERVATIONS

Nick Zuniga Neck masses: Submitted are 3 videos of cells collected from two different neck masses on Nick. Two of the videos demonstrate massive numbers of erythrocytes interspersed with minimal numbers of nucleated cells. Most of the cells are neutrophils with scattered macrophages. The macrophages have foamy cytoplasm and pseudopodia. No other cellularity is identified and there are no large aggregates of cells. The third video demonstrates characteristic keratinized cells. There is no suggestion of neoplasia in the cells. They are devoid of nuclei.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Neck masses - 1. Hemorrhagic collection with pyogranulomatous inflammation and minimal cellularity
2. Keratinized cellularity consistent with a keratinized cyst.

BREED

Border Collie

COMMENTS

The hemorrhagic collection has minimal nucleated cellularity. There are macrophages and neutrophils. This supports a pyogranulomatous inflammation which easily could be secondary to the hemorrhage and any type of inflammation. I did not identify any suggestion of malignancy or sepsis. This hemorrhagic and inflammatory change could be secondary to many different conditions including trauma or neoplasia. There is inadequate cellularity to suggest which direction to consider. The keratinized cells are most characteristic of a keratinized cyst. This could be a follicular cyst or epidermal inclusion cyst. There is no suggestion of malignancy or sepsis in this collection. Excision of this lesion will likely be curative. How this relates to the hemorrhagic process is undetermined.

SEX

MI

AGE

13y

WEIGHT

54 lbs

HOSPITAL NAME

South Willamette
Veterinary Clinic

REFERRING VET

Dr. Willaman

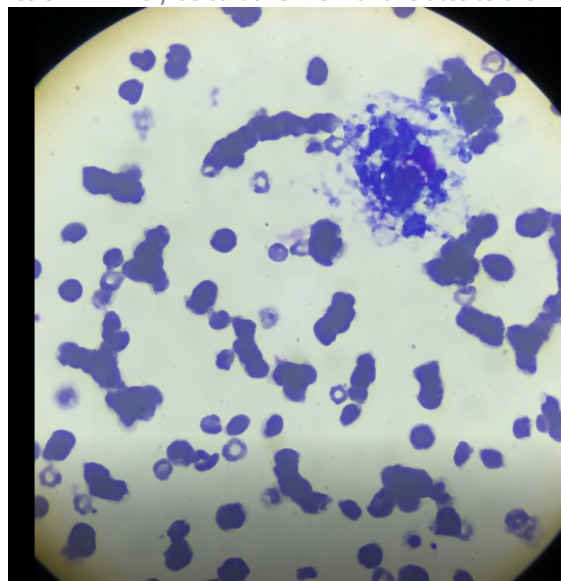
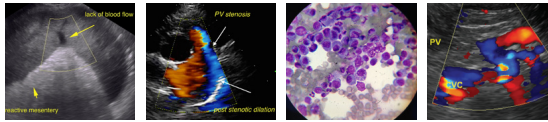


Image shows a foamy macrophage and RBCs. Other inflammatory cells were noted in other fields.

INVOICE NUMBER

827



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PATIENT

Nick Zuniga

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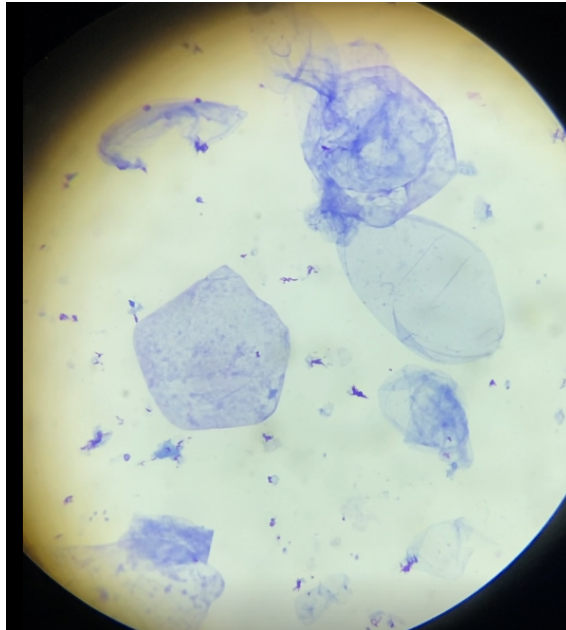


Image demonstrates keratinized cells from the small cranial mass from Nick. It suggests a keratinized cyst.

SEX

MI

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.

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.

AGE

13y

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