



DATE PRESENTING CLINICAL SIGNS

7/27/23

2cm x 2cm raised mass on RF lateral, above elbow. Mobile, surface is light plaque which is a little irregular and firmer than the rest of the mass.

INTERPRETED BY

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

CYTOLOGY SUBMISSION

FNA of Skin Mass

PATIENT

Oliver Palmer

OBSERVATIONS

Subcutaneous mass: Submitted are 3 excellent images and 4 excellent videos of cells collected from the mass above the elbow on the right forelimb on Oliver. The cellularity consists of large numbers of elongated cells many of which have a vacuolated cytoplasm. There are scattered keratinized structures throughout the collection. They are present in various stages. There are a few lymphocytes present but the majority of the cells are macrophages and spindloid cells or fibrotic cells. There is slight anisokaryosis in some of the cells. The majority the cells appear to be mature and reactive.

SPECIES

Canine

BREED

Pug

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Subcutaneous mass - Consistent with ruptured keratinized cyst or structure with chronic granulomatous inflammation and fibrosis.

SEX

MN

COMMENTS

The cellularity in this collection is excellent with an associated clumping of stain precipitate. The staining materials need to be refreshed. The cellularity is mainly that of macrophages and the spindloid cells. There is prominent keratinized debris throughout the smears. In some of the images, there are large numbers of polymorphonuclear cells including eosinophils. This is common with keratinized material. This type of reaction therefore is likely a ruptured epidermal inclusion cyst or follicular cyst. Excision is the only means of therapy although anti-inflammatory products may decrease the size of this inflammatory reaction. There is no suggestion of malignancy or sepsis.

AGE

11yo

WEIGHT

23.7#

HOSPITAL NAME

Rotterdam Veterinary
Hospital

REFERRING VET

Dr. Amy Scarpinato

INVOICE NUMBER

40787



DATE

7/27/23

INTERPRETED BY

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

PATIENT

Oliver Palmer

SPECIES

Canine

BREED

Pug

SEX

MN

AGE

11yo

WEIGHT

23.7#

HOSPITAL NAME

Rotterdam Veterinary
Hospital

REFERRING VET

Dr. Amy Scarpinato

INVOICE NUMBER

40787

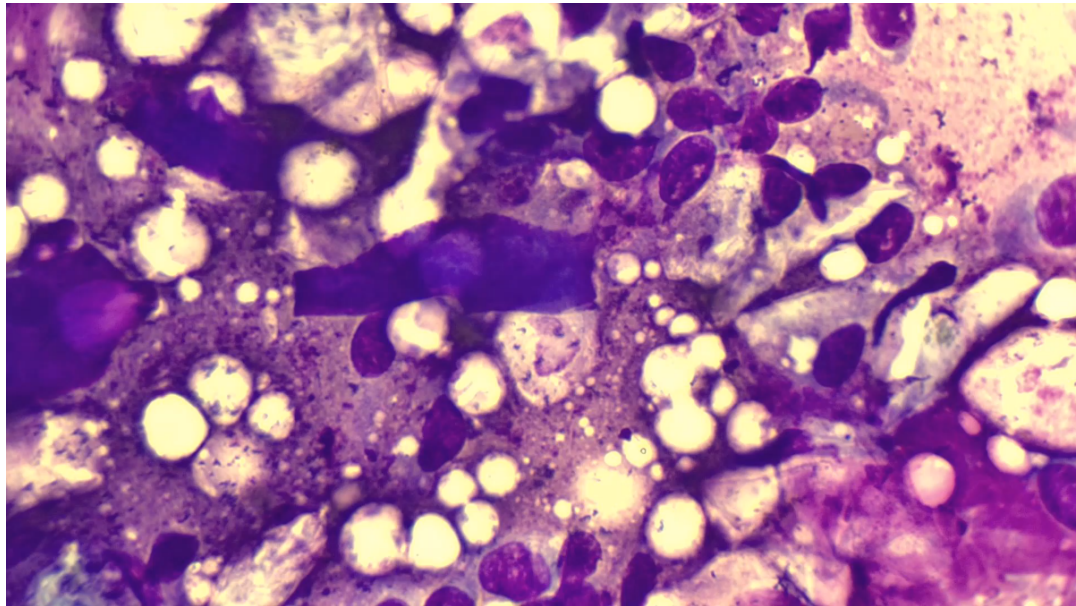


Image shows some of the cellular reaction with several keratinized structures throughout the collection. There are some cells that suggest spindle cells in this collection from Oliver.

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.

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