



## PATIENT

Truffi Scaffa

## SPECIES

Canine

## BREED

Plott Hound

## SEX

Spayed female

## AGE

8 years

## WEIGHT

90 lbs

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Karen Ebersole  
DVM, DABVP

## HOSPITAL NAME

Scanvet

## REFERRING VET

Dr. Giroux

## INVOICE

72127

## DATE

3/2/26

## PRESENTING CLINICAL SIGNS

- AUS for high ionized Calcium
- Small anal gland nodule found after AUS (R anal sac). FNA of anal gland nodule
- AUS - chronic cystitis pattern with sediment. MILN - WNL. Perineal scan - 1 cm solid, heterogeneous nodule with mineralizations associated with R anal sac. MSU panel showed high iCa - 1.6

## CYTOLOGY SUBMISSION

FNA of the perianal mass was submitted

## OBSERVATIONS

Perianal mass: Submitted are 6 excellent videos of excellent collections of cells from the perianal mass on Truffi. There is excellent cellularity throughout the collection with many aggregates of epithelial cells that are packeted. These cells demonstrate prominent nuclei that demonstrate anisokaryosis with indistinct cytoplasmic borders. There is secondary hemorrhage and inflammation with scattered aggregates of keratinized cells. The major cellularity of concern is the packets of epithelial cells scattered throughout all of these videos.

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Perianal mass - Packets of epithelial cells strongly suggestive of anal sac apocrine gland carcinoma with secondary keratinized cyst formation.

## COMMENTS

The cellularity in these epithelial cells strongly suggests a potential neuroendocrine cellularity which is consistent with an apocrine gland carcinoma of the anal sac. These tumors can cause hypercalcemia and thus this would fit the case as well. These tumors metastasize early and thus the internal iliac lymph node should be evaluated for metastatic sites. The inflammation and keratinized debris appear to be secondary changes which are not uncommon with any type of tumor in the perianal region. If this is not an anal sac apocrine gland carcinoma, then it is likely a perianal gland adenocarcinoma. Excision of the mass is encouraged however further evaluation for metastatic sites prior to surgery is encouraged. A guarded prognosis is warranted due to this aggressive cellular pattern.



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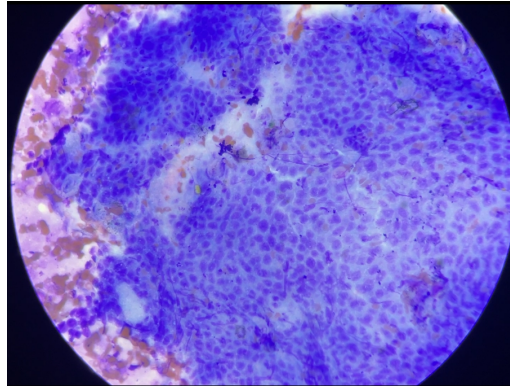
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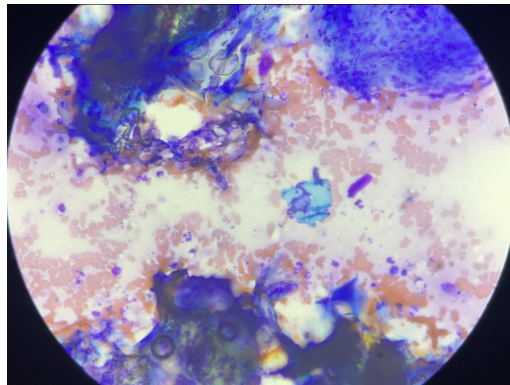
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## CYTOLOGY IMAGE



This is an image of one of the excellent aggregates of cells collected from the perianal region on Truffi. Note the packeting of cells and the indistinct cytoplasmic borders.



This is an image of keratinized cells with scattered inflammatory cells associated with some of the tumor cells in the upper right collected from the perianal site on Truffi.

**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**

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