



DATE PRESENTING CLINICAL SIGNS

5/3/23

During Annual exam, large 2x4cm irregular growth felt on Right anal gland, FNA taken.

INTERPRETED BY CYTOLOGY SUBMISSION

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

FNA of Right anal gland mass

PATIENT OBSERVATIONS

Shadow Thompson

Right anal gland mass: Submitted are 6 excellent videos of excellent collections of cells from the right anal gland region on Shadow. There are large aggregates of clumped epithelial cells in the videos. These aggregates demonstrate slightly elongated nuclei that have euchromatic nuclear characteristics. These cells are clumped and aggregated throughout the majority of the videos. There are scattered collections of foamy round cells with round nuclei. There appears to be vacuolar material in the cytoplasm.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Collie Mix

Right anal gland mass - Perianal gland adenoma the secretory cells or macrophages

SEX

Male

COMMENTS

The cellularity of the clumps of cells is most characteristic of a perianal gland adenoma. I am unable to completely rule out the possibility of a perianal gland carcinoma, but biopsy will be required to confirm that diagnosis. The cells with foamy cytoplasm could be secretory cells from perianal gland tissue or macrophages with foamy cytoplasm. They are much more uniform than I would expect for macrophages and thus I suspect that they are secretory cells. Malignant characteristics are not confirmed cytologically but cannot be completely ruled out. Excision of the mass is encouraged if at all possible. Neutering Shadow may be beneficial in controlling the growth of this mass or additional masses. These tumors tend to respond to testosterone.

AGE

13y

WEIGHT

55.8

HOSPITAL NAME

Rotterdam Veterinary
Hospital

REFERRING VET

Dr. Anna St.Sir

INVOICE NUMBER

40716



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PATIENT

Shadow Thompson

SPECIES

Canine

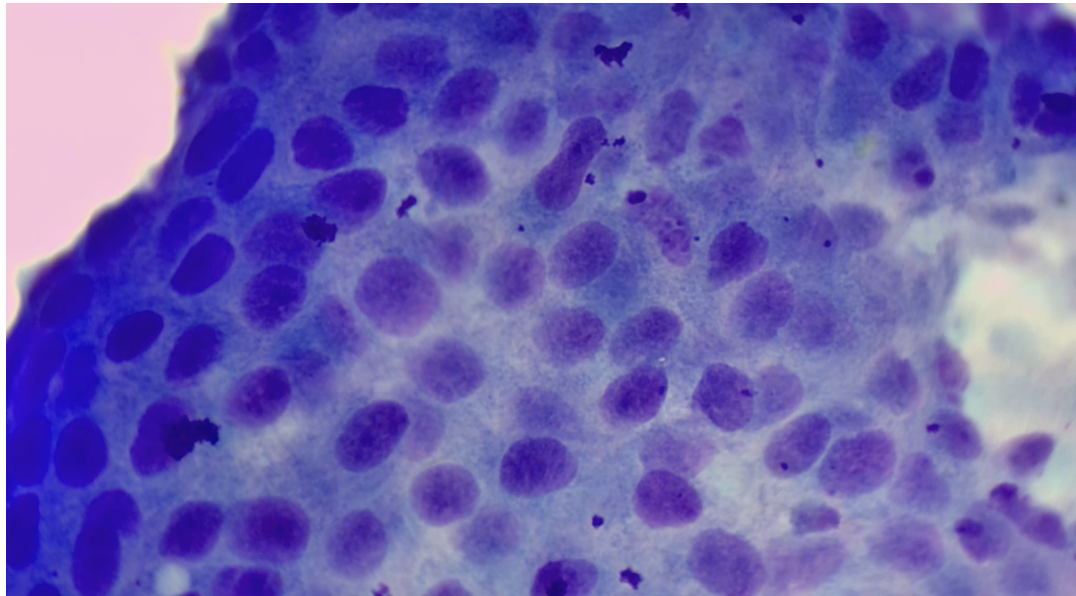


Image shows a group of epithelial cells collected from the right anal gland mass on Shadow. Note the close aggregation of cells supporting epithelial cells.

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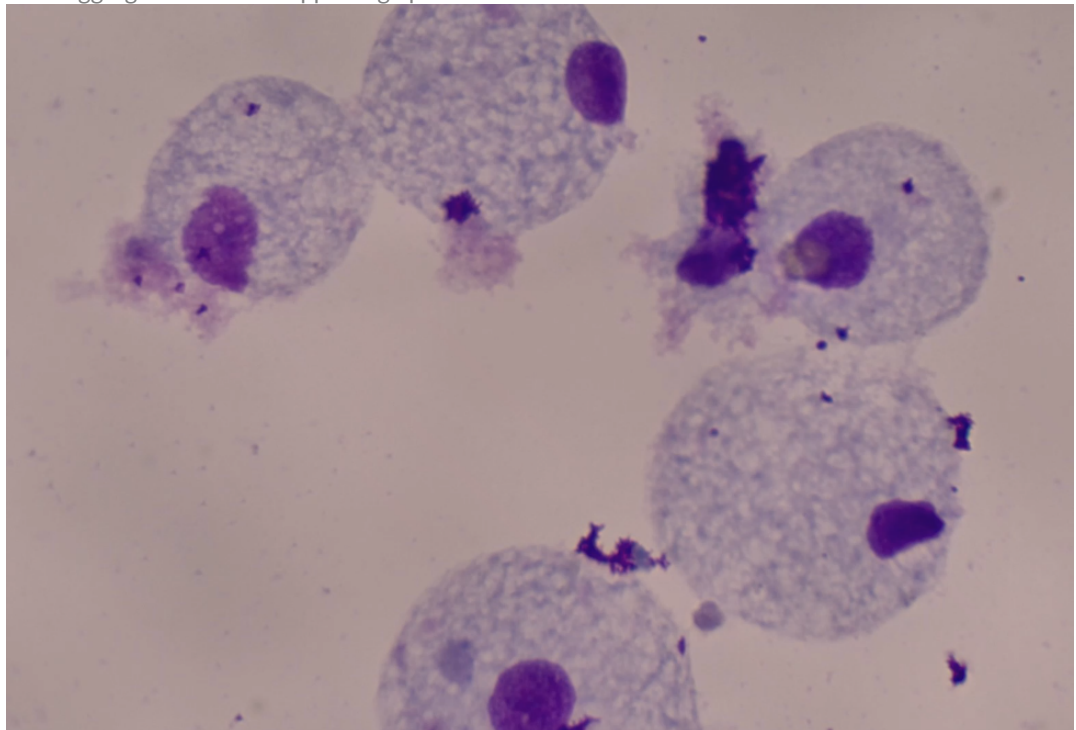


Image shows a group of foamy cells collected from the anal gland mass on Shadow. Note the uniformity of these cells.

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DATE 5/3/23 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,
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L.D. McGill, DVM, Ph.D., DACVP
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PATIENT
Shadow Thompson

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