



PATIENT

Kitty Girl Frantz

PRESENTING CLINICAL SIGNS

Pet presented 10/2021 for evaluation of urinary leakage- pet was found to have urinary incontinence and proliferative tissue was noted in the vulva. The pet was started on proin, which improved the incontinence. The owner returned in Jan 2022 for a biopsy of the proliferative tissue. Pre-op abdominal US and chest x-rays revealed no visible metastatic disease. Results attached- well differentiated carcinoma. Owner declined referral to an oncologist. Owner returned in early February and surgical removal of the mass was attempted, but was unsuccessful. The second biopsy was the same result as the first- also attached. A CT was recommended to evaluate the full extent of the remaining mass as well as to check for metastatic disease. The pet has a previous history at a different vet of mammary masses and a full chain removal was done at a referral clinic. Histopath attached, but was benign.

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

4.5 Years

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

The left mammary chain has been removed.

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

The urethra and urinary bladder present within normal limits.

The adrenal glands are within normal limits for size, shape and organ architecture.

The spleen is not fully included in the collimated field of view. The visible parts of the spleen presents within normal limits.

The liver presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

The pancreas is multinodular in appearance with regular contrast enhancement.

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

No discrete mass can be identified in the labia of the vulva. The CT presentation of the vulva is considered within normal limits. A mild amount of fluid attenuating material is noted within the vagina and vaginal vestibule. The vaginal wall is prominent and measures up to 7mm in thickness. Strong contrast enhancement of the multiple vaginal folds is seen. A discrete mass is not identified.

Both anal glands contain a moderate amount of fluid attenuating material.

No evidence of inguinal or hypogastric lymphadenomegaly is seen.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Wilson Veterinary
Hospital

REFERRING VET

Dr. John Wilson

INVOICE

50625

DATE

3-1-22



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Mild spondyloses are present within the caudal lumbar spine and lumbosacral junction.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Normal CT presentation of the vulva.
- Diffuse vaginal wall swelling.
- No evidence of regional lymphadenomegaly.
- Benign nodular hyperplasia of the pancreas.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

A discrete mass of the vulva or vagina soft tissues cannot be identified. Extensive and diffuse swelling of the vaginal wall with variable vaginal wall thickness appears to be present which may represent diffuse neoplastic infiltration; however, based on the CT findings alone, hyperplastic and inflammatory thickening of the vaginal wall would be a valid differential diagnosis as well. The thickening of the vaginal wall appears to span the entire length of the vagina. However, is accentuated in the region of the vaginal vestibule. The CT study does not reveal abdominal or superficial lymphadenomegaly. No evidence of abdominal masses is seen.

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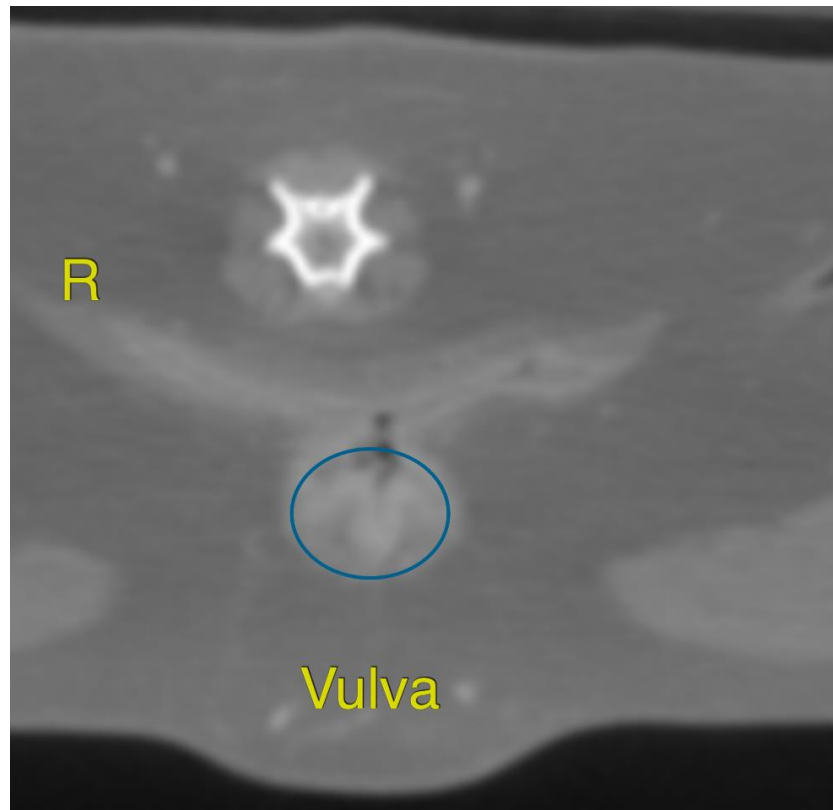
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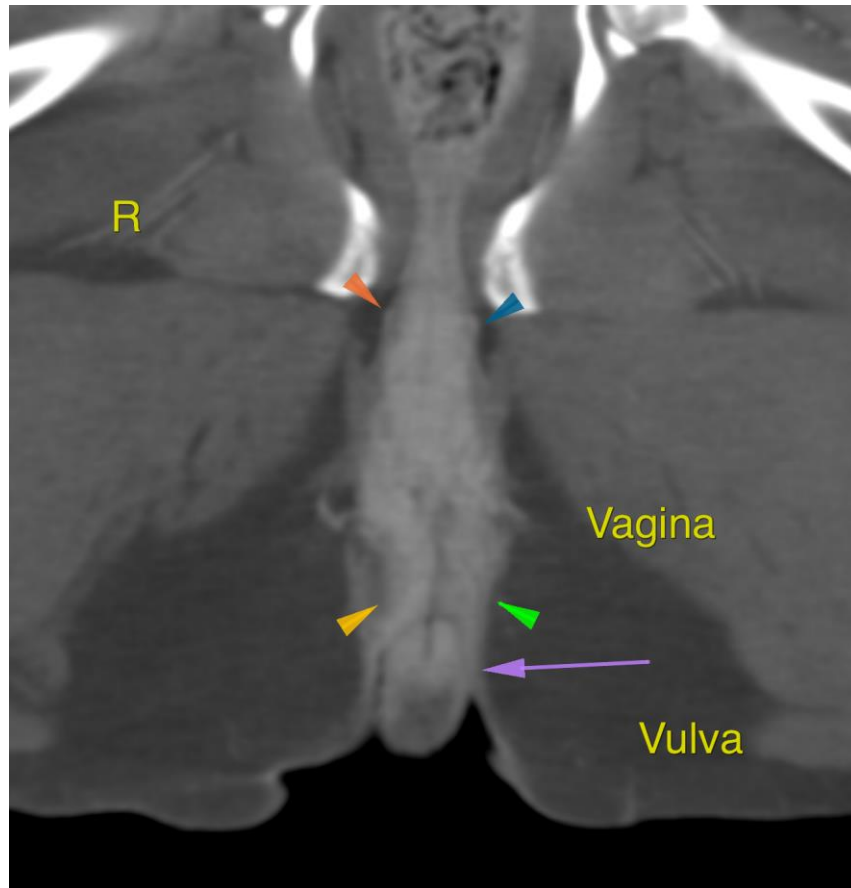
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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