



PATIENT PRESENTING CLINICAL SIGNS

Atlas Schmidt P has had chronic UTI since 7/29/2022. Meds do not clear it up. P had an ultrasound and doctor saw small abscess by the pituitary gland. P was neutered and the abscess shrunk. P continued to have UTI's and leaks urine.

SPECIES COMPUTED TOMOGRAPHY OF THE ABDOMEN

Canine A high resolution pre- and post-contrast CT study of the abdomen is provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

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

SEX 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. Both ureters are merging with the urinary bladder wall, approximately 15 mm cranial to the vesicourethral junction. The prostate is prominent and in the left aspect of the prostate, a well-defined parenchymal filling defect is appreciated, measuring up to 14 mm in size. In the delayed post contrast phase, the cavitory lesion of the prostate fills with contrast stained urine.

Male Neutered

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

5 Months Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

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

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The bony structures reveal no abnormalities, the growth plates are age related open.

HOSPITAL NAME The right caudoventral muscular abdominal wall presents focal nodular thickening and increased contrast enhancing lesion.

Parrish Creek
Veterinary Clinic

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Prostatic cavitory lesion with urethral communication – history of prostatic abscess
- Focal nodular thickening right caudoventral abdominal wall
- No evidence of ureteral ectopia

REFERRING VET INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Dr. Jessica Love

INVOICE Although unusual in such young dog, the findings are consistent with the history of a cavitory prostatic lesion. The contrast leakage into the cavitory lesion in the delayed post contrast phase indicates urethral communication which will explain why the lesion does not resolve post castration and drainage. As the lesion will solve as a reservoir of retained urine, recurrent lower urinary tract infection can occur. Surgical management is likely the therapy of choice to visualize and close the fistula between the urethra and the cavitory lesion .*

54584

DATE The focal thickening of the ventral abdominal wall is suggestive for focal granuloma – possible preceding puncture, trauma.

10-12-22

* Bokemeyer, J., et al. "Prostatic cavitory lesions containing urine in dogs." *Journal of Small*



PATIENT

Animal Practice 52.3 (2011): 132-138.

Atlas Schmidt

SPECIES

Canine

BREED

Golden Retriever

SEX

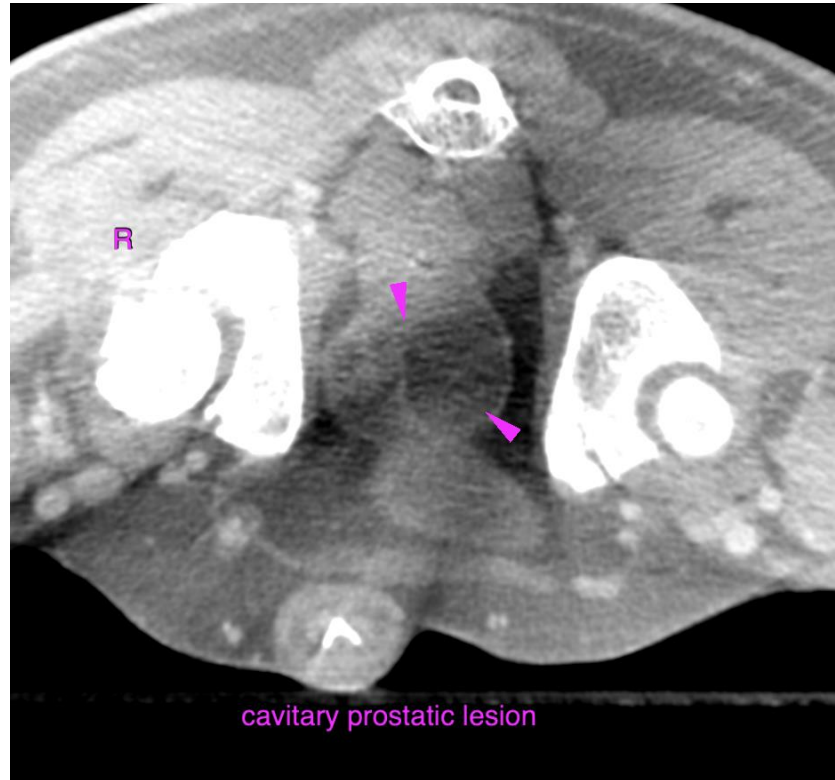
Male Neutered

AGE

5 Months

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HOSPITAL NAME

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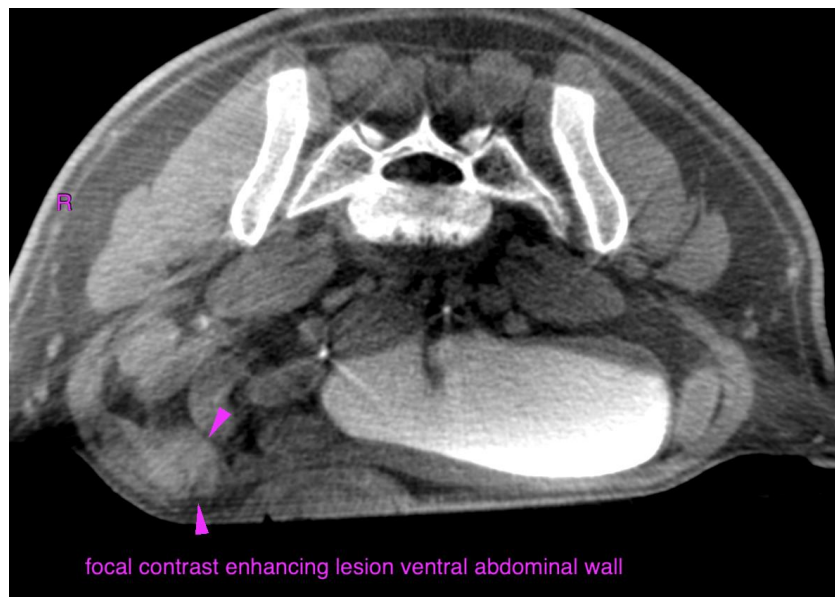
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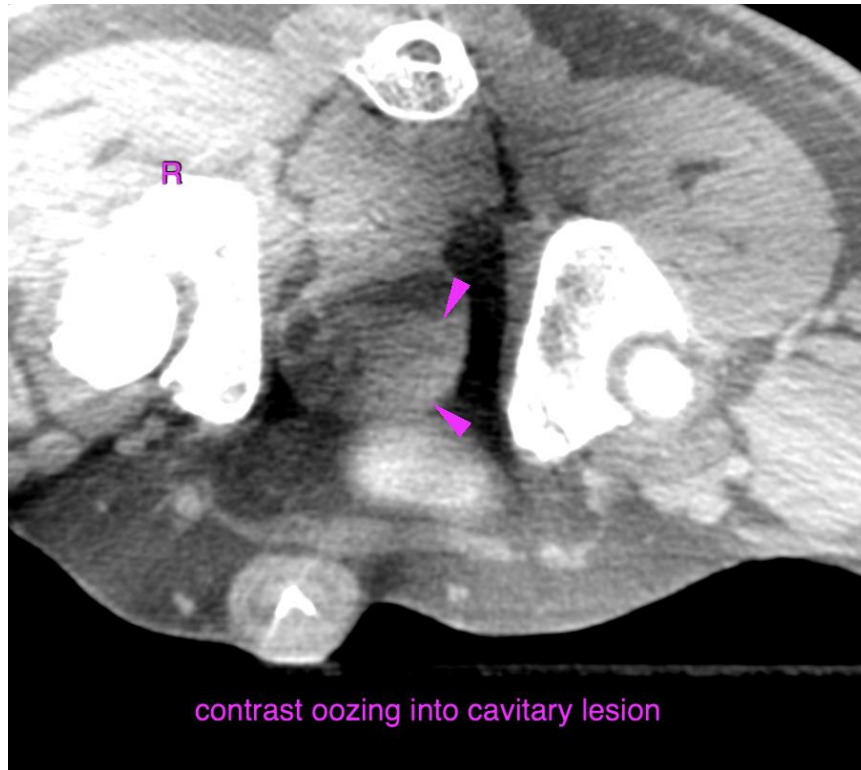
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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