



PATIENT PRESENTING CLINICAL SIGNS

Gatsby Pang
 MI Golden retriever with stranguria of two week duration to the point of inability to urinate. No stones or masses seen on ultrasound. Prostate enlarged (intact) but not extremely large. No UTI. Ionized hypercalcemia as well - open etiology. Cystoscopy: two focal areas of urethra narrowing on scope (at 10cm and 30 cm) but able to pass scope into bladder. No masses seen. Possible lytic changes / proliferative lesions on sacrum. Performed CT of pelvis (plain) as well as retrograde contrast urethrogram.
 Abnormal PE/Chem/CBC/UA Results: Mild prostatomegaly. ionized hypercalcemia (iCa 1.60). Two descended testicles

BREED COMPUTED TOMOGRAPHY OF THE ABDOMEN

Golden Retriever
 A plain and retrograde positive contrast cystography CT study of the abdomen in a bone and soft tissue reconstruction is provided for review.

SEX COMPUTED TOMOGRAPHIC FINDINGS

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

AGE
 9 Years
 Both kidneys present within normal limits for size, shape and organ architecture. The prostate is symmetric and prominent. Mild amorphous mineralization of the prostate is seen. The contrast column in the urethra is segmentally narrowed, level with the mid third of the os penis and level with the caudal urethral flexure.

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

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI
 Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous.

HOSPITAL NAME
 Animal Health Partners
 The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

The hypogastric lymph nodes are prominent.

REFERRING VET
 Dr. Ashley Gold
 The intervertebral disc L6/L7 is bulging mildly into the vertebral canal, distorting the ventral epidural space at the same level. The lumbosacral intervertebral disc is protruding into the vertebral canal, occupying approximately 75% of the cross-sectional area of the vertebral canal at the same level. The subchondral bone of the vertebral endplates of the lumbosacral junction S1 present crescent shaped depressions. Multifocal spondylosis formation is seen along the lumbar spine.

INVOICE
 The osseous structures of the pelvis present without abnormalities.

56209 **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- DATE**
 1-17-23
- Segmental stenosis of the urethra, level with the mid segment of the os penis and ischial urethral flexure
 - Prostatomegaly with dystrophic mineralization of the prostate
 - Lymphadenopathy hypogastric lymph nodes
 - Degenerative lumbosacral stenosis & chronic discopathy L7/S1 with chronic remodeling of the vertebral endplates



PATIENT • Spondylosis deformans

Gatsby Pang

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

The segmental narrowing of the urethra in two locations is suggestive for urethral stenosis, and increased counter pressure would be a plausible source for the dysuria – although the respective segments were passed by the cystoscope. Balloon dilation of the respective urethral segments can be considered.

Canine

BREED

The prostatomegaly can still be a normal finding and the dystrophic mineralization might be a sequela to preceding prostatitis or sex hormone influence. FNA sampling of the prostate should be considered to rule possible neoplastic transformation.

Golden Retriever

SEX

The prominent hypogastric lymph nodes are not specific and can present reactive hyperplasia due to an inflammatory response in the tributary area – ultrasound guided FNA sampling can be performed to screen for malignant infiltrative disease.

Male Intact

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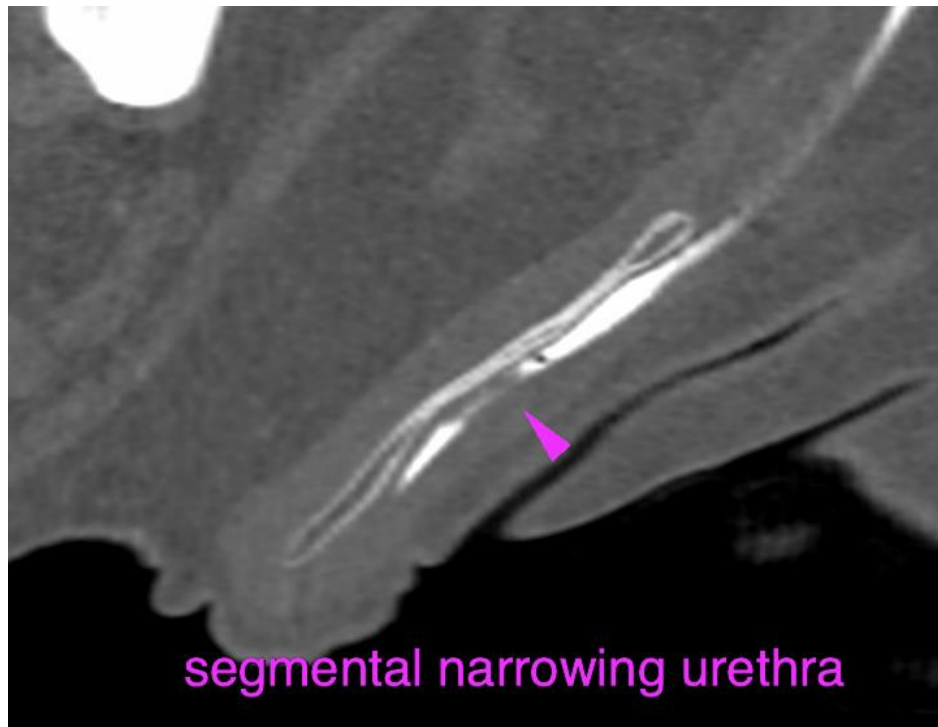
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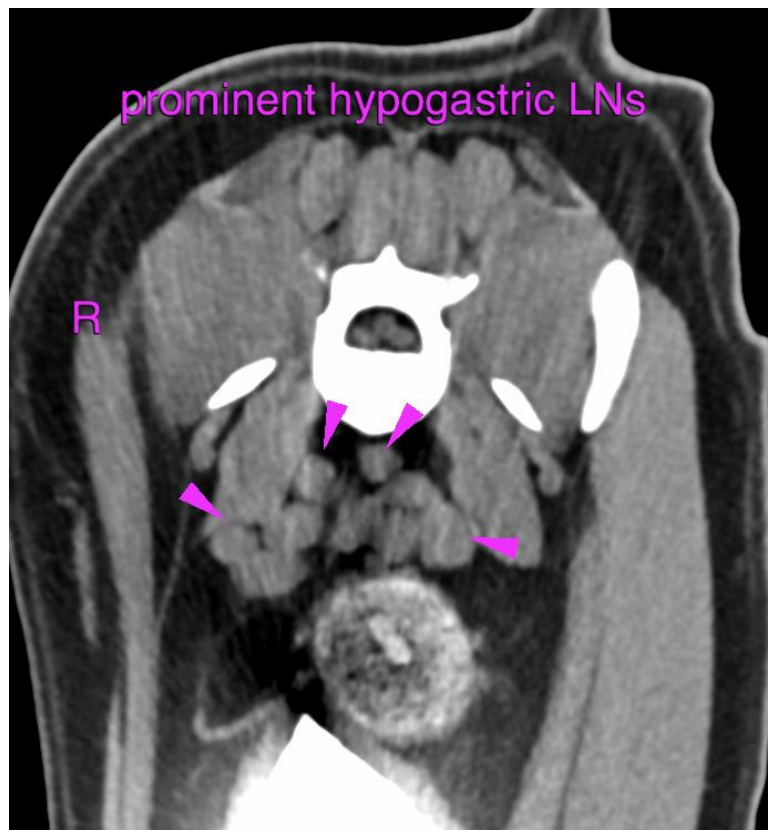
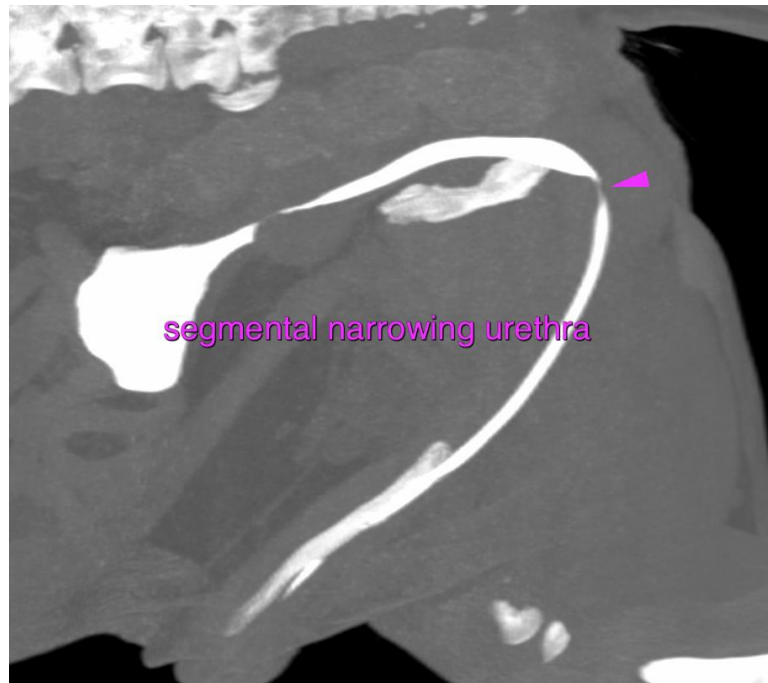
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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