



PATIENT PRESENTING CLINICAL SIGNS

Cricket Norris Patient presents for consult for CT scan after a possible mass seen in urethra on ultrasound. Enlarged lymph nodes were noted on in cranial abdomen

SPECIES COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

Pitbull Thorax

FS The bony and surrounding soft tissue structures are within normal limits.

SEX The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

AGE The cardiovascular structures including the pulmonary vasculature are within normal limits.

10 The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The lung parenchyma presents the expected architecture and attenuation behavior with sporadically interspersed 'Ditzels'.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

Abdomen

HOSPITAL NAME

Critical Vet
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Veterinary

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. Segmental mild widening of the distal segment of the urethra is visible – just cranial to the external urethral orifice – measuring 8.1 mm in diameter. Post contrast administration, a mild heterogeneous contrast enhancement pattern at the same level is noted.

REFERRING VET

Dr. Young

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

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

INVOICE

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The splenic lymph nodes are significantly enlarged and rounded.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

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

**PATIENT**

Cricket Norris

The vertebral endplates of the lumbosacral junction present moderate spondylosis formation. The lumbosacral intervertebral disc is moderately protruding into the vertebral canal.

COMPUTED TOMOGRAPHIC DIAGNOSIS**SPECIES**

Canine

- Segmental intramural urethral thickening
- Lymphadenopathy splenic lymph nodes
- Pulmonary 'Ditzels'
- Degenerative lumbosacral stenosis with potential dynamic compression of the cauda equina fibers
- Spondylosis deformans

BREED

Pitbull

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study is supporting findings of the ultrasound examination presenting a potential intramural mass of the distal segment of the urethra - differentials can include neoplasia (e.g. transitional cell carcinoma) or urethritis. Endoscopy could be used to confirm the diagnosis and will allow biopsy as advanced diagnostic tool.

SEX

FS

The enlarged splenic lymph nodes are concerning for neoplastic transformation and ultrasound guided FNA sampling is recommended as advanced minimally invasive diagnostic tool. Theoretically Splenunculus is a differential as well.

AGE

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The appreciated Ditzels are non specific small soft tissue nodules with unknown dignity, they can present fibrosis, granuloma, mucous impaction, pneumonia or early stage of metastatic disease.

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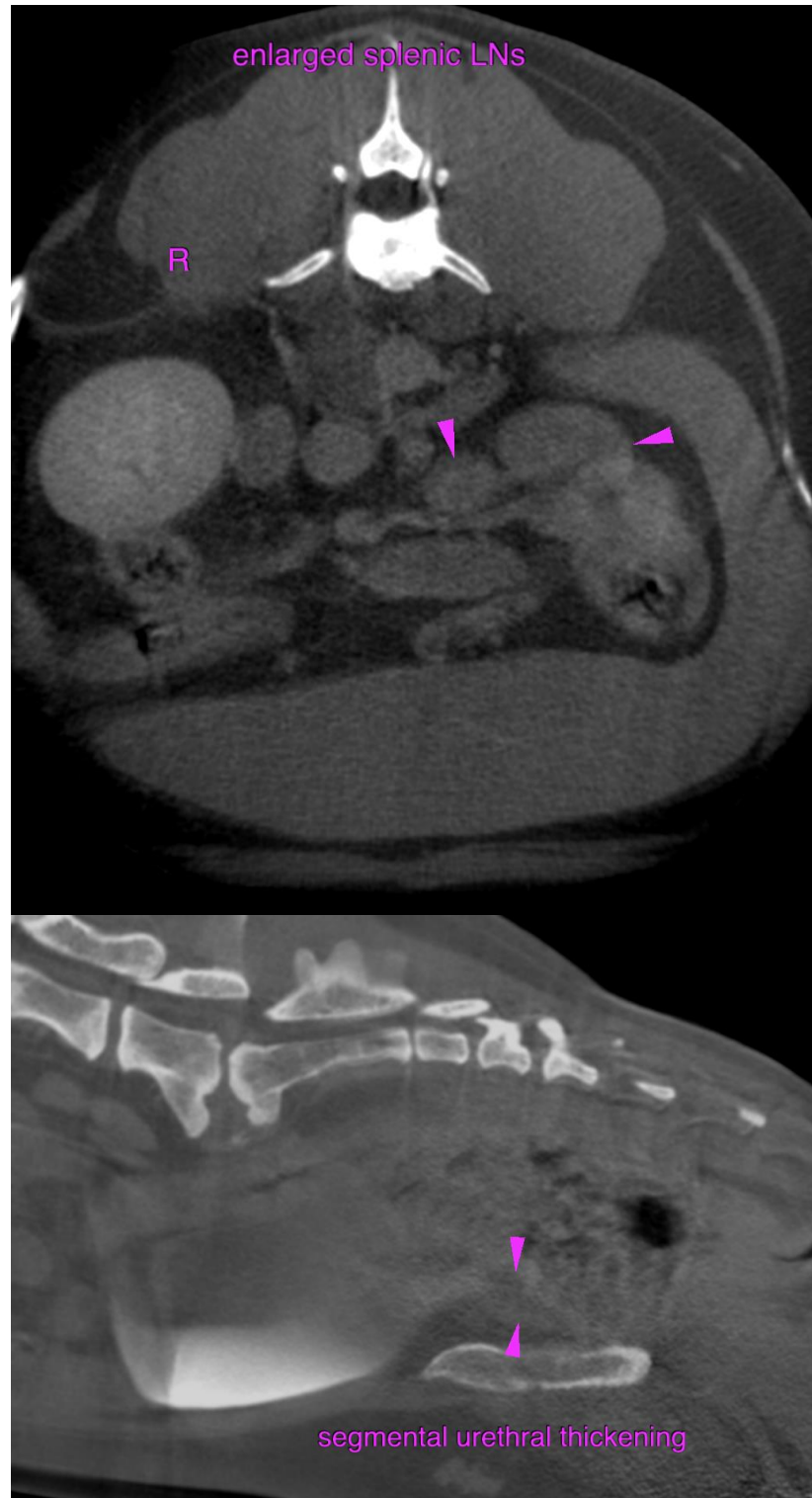
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PATIENT

Cricket Norris

SPECIES

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SEX

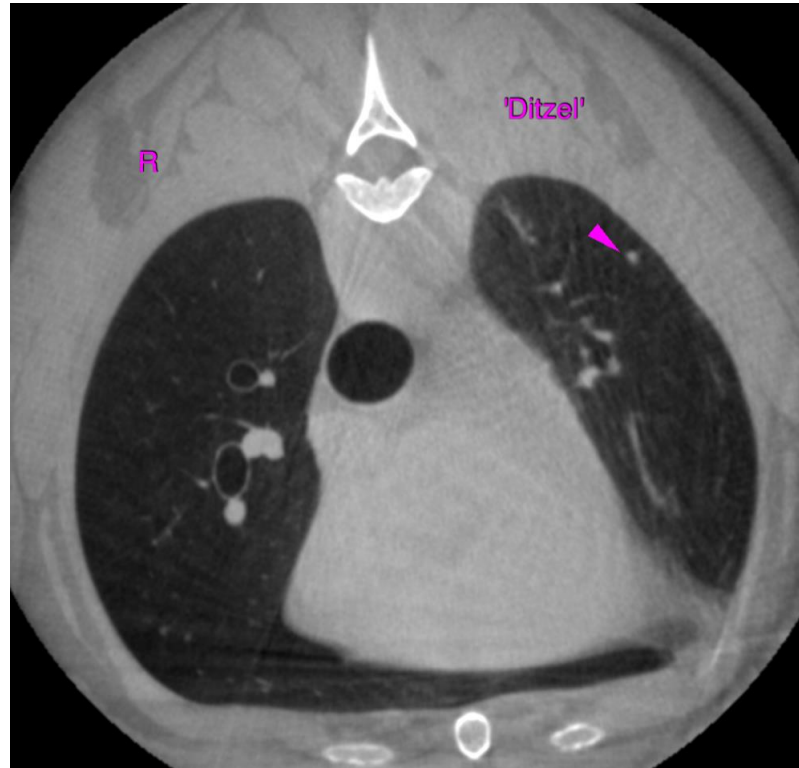
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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