



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Benelli Russi
 Patient was seen this week by rDVM for a possible UTI (difficulty urinating). By Thursday, he was having issues defecating. He has not pooped in days now, has leakage from his rear, and today he fell to his side, paddled, frothed, and then vomited

SPECIES Canine
BREED Pitt
SEX MC
AGE 9 Years
 Abnormal PE/Chem/CBC/UA Results: CBC: NSF COMP: hyperglobulinemia EPOC: NSF PCV/TS: 40%/9g/dL Radiology report : Conclusion 1. Empty stomach and small bowel except for gas consistent with recent fasting or anorexia and mild functional ileus. 2. Voluminous poorly formed feces in the large bowel consistent with diarrhea. This could be secondary to recent excessive MiraLAX administration or enteritis secondary to inflammatory bowel disease, toxin exposure, or infectious or parasitic disease. 3. Cranial ventral abdominal skin mass could be benign or less likely malignant skin neoplasia, a cyst or granuloma. 4. Postatomegaly consistent with benign prostatic hyperplasia or much less likely concurrent neoplasia or prostatitis 5. Moderate chronic degenerative changes of the spine. 6. Transitional partially lumbarized S1 vertebral segment. 7. Chronic coxofemoral degenerative joint disease.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, THORAX, & ABDOMEN

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Abdomen

Asymmetric enlargement of the prostate with heterogeneous contrast enhancement and multiple contrast sparing cysts is seen. The prostatic length is 5 cm, height is 3.0 cm, and width is 3.6 cm. Prostatic margins are ill-defined. Peripheral fat stranding is noted.

A fat attenuating 20 x 7 cm sized mass appears to deviate to the prostate, rectum, and urethra to the right and ventrally within the pelvic canal.

The medial iliac and hypogastric lymph nodes present mild symmetric enlargement.

The liver, spleen, kidneys, and adrenal glands present within normal limits.

The urinary bladder is severely distended. No obvious wall changes of the urinary bladder are noted.

There is an asymmetric lumbosacral transitional vertebra. Seven regularly shaped lumbar vertebrae are seen.

Moderate intervertebral disc protrusion is seen between the last lumbar vertebra and the transitional vertebra. There also is a moderate spondylosis deformans and vertebral endplate sclerosis.

L2/3 & L3/4 severe spondyloses are seen.

Both coxofemoral joints present moderate arthritic changes.

The testicles are seen within the scrotum and present within normal limits.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Emergency
 Hospital Deland

REFERRING VET

Dr. Kuzimski

INVOICE

57821

DATE

4-16-23



PATIENT Thorax & Neck

Benelli Russi The presentation of the lung and bronchial tree is within age related normal limits. No evidence of interstitial pulmonary nodules or masses is seen.

SPECIES Mild enlargement of one cranial mediastinal and one sternal lymph node is noted. The remainder of the mediastinal lymph nodes present within normal limits.

Canine Both lobes of the thyroid gland are seen and present within normal limits.

BREED The cervical and axillary lymph nodes present within normal limits.

Pitt No evidence of cardiovascular pathology is noted.

Head

SEX The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

MC

AGE Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

9 Years

INTERPRETED BY Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

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Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

HOSPITAL NAME The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

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Hospital Deland

The salivary glands present within normal limits.

REFERRING VET COMPUTED TOMOGRAPHIC DIAGNOSIS

- Prostatomegaly with multiple intraprostatic cysts, heterogeneous enhancement, and peripheral fat stranding.
- Mild regional sublumbar lymphadenomegaly.
- Lipoma within the pelvic canal.
- Mild sternal and cranial mediastinal lymphadenomegaly.
- Bilateral coxofemoral joint osteoarthritis.
- Asymmetric lumbosacral transitional vertebra and degenerative lumbosacral stenosis.

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Benelli Russi

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are suggestive for prostatitis. Benign prostatic hyperplasia and prostatic neoplasia are potential but less likely differential diagnoses.

SPECIES

Canine

The changes of the sublumbar and mediastinal lymph nodes are mild and suggest reactive lymph node hyperplasia. Lymphomatous infiltrate, or metastatic disease cannot be ruled out entirely but is thought by far less likely.

Note the presence of a large lipoma in the pelvic canal.

BREED

Pitt

Ultrasound guided sampling of the prostate and urine culture and sediment could be considered for further definition.

SEX

MC

AGE

9 Years

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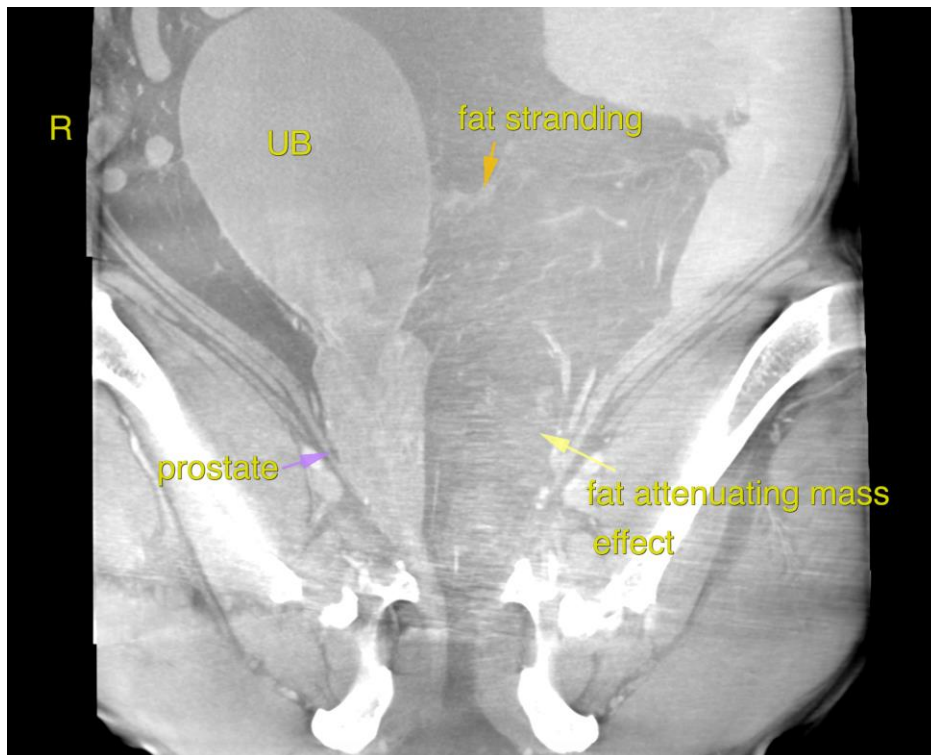
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PATIENT

Benelli Russi

SPECIES

Canine

BREED

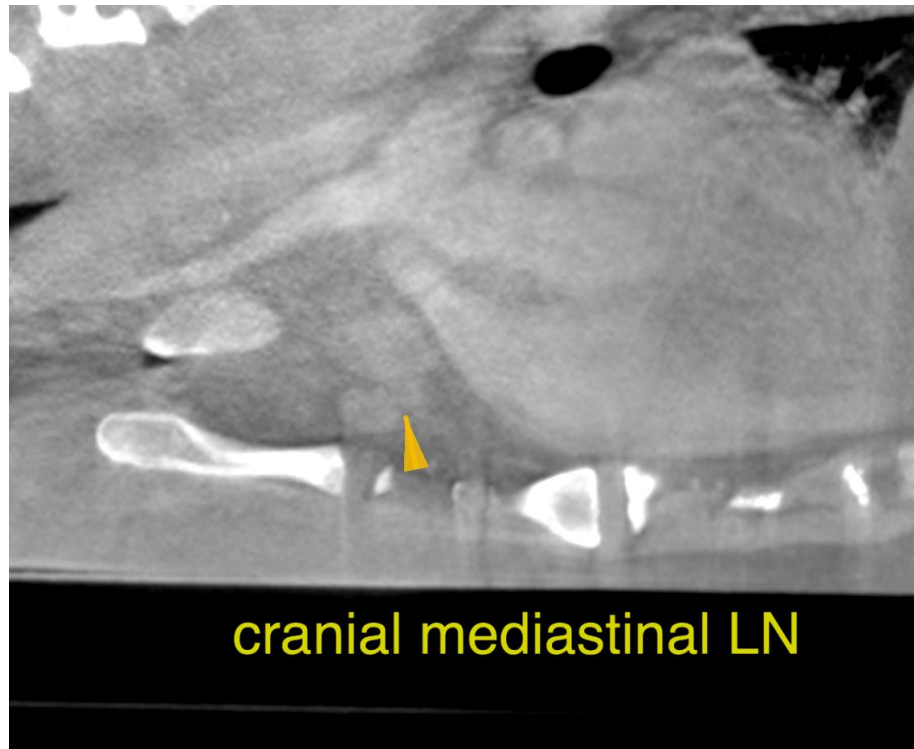
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

HOSPITAL NAME

Animal Emergency
Hospital Deland

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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