



PATIENT PRESENTING CLINICAL SIGNS

Blue Soto Severe weight loss, ataxia, temporal muscle atrophy, muscle atrophy on hind limbs and epaxial muscles, knuckling on fore and hind limbs.

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

Canine Plain and post contrast studies of the head and abdomen and post contrast study of the thorax available for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Pit Bull Terrier **Head**

SEX
Male Intact
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.

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

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

INTERPRETED BY
Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. A small otolith is noted within the right tympanic bulla. The external auditory meatuses present within normal limits.

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DVM Dr. med. vet.,
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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.

HOSPITAL NAME
The salivary glands present within normal limits.

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The visible dentition is within normal limits.

Thorax

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

Borecky
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 are uniform and considered within normal limits.

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

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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.

DATE
The lung parenchyma presents the expected architecture and attenuation behavior.

8-4-22



PATIENT

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

Abdomen

SPECIES

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

BREED

Pit Bull Terrier 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.

SEX

Male Intact Moderate symmetric enlargement of the prostate is noted. The parenchymal attenuation and enhancement are uniform and within the expected limits. The prostatic size is 4.8 x 2.4 x 4.5 cm.

The regional lymph nodes present within normal limits.

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

AGE

6 Years A slightly expansile 15mm size isoattenuating nodule is seen in the splenic tail pointing to the hilus.

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

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

INTERPRETED BY

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

The bony and surrounding soft tissue structures reveal no abnormalities.

HOSPITAL NAME

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Normal CT findings of the brain.
- Normal CT findings of the thorax.
- Isoattenuating splenic nodule.
- Prostatomegaly.

REFERRING VET

Borecky

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

An overt underlying cause of the patient's clinical signs cannot be identified in the CT study of the head, thorax, and abdomen. The head and thorax present within normal age related limits.

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An isoattenuating/isoenhancing splenic nodule is seen which is likely to represent benign nodular hyperplasia or a site of extramedullary hematopoiesis. Early neoplasia can never be ruled out entirely but appears highly unlikely based on the CT changes.

DATE

8-4-22

The CT findings of the prostate are compatible with benign prostatic hyperplasia in a non-neutered male. Prostatitis is a theoretical differential diagnosis. Correlate with the clinical palpation and



PATIENT consider ultrasound guided sampling of the prostate as well as urinalysis in case of doubt. No evidence of a prostatic mass is seen.

Blue Soto

SPECIES

Canine

BREED

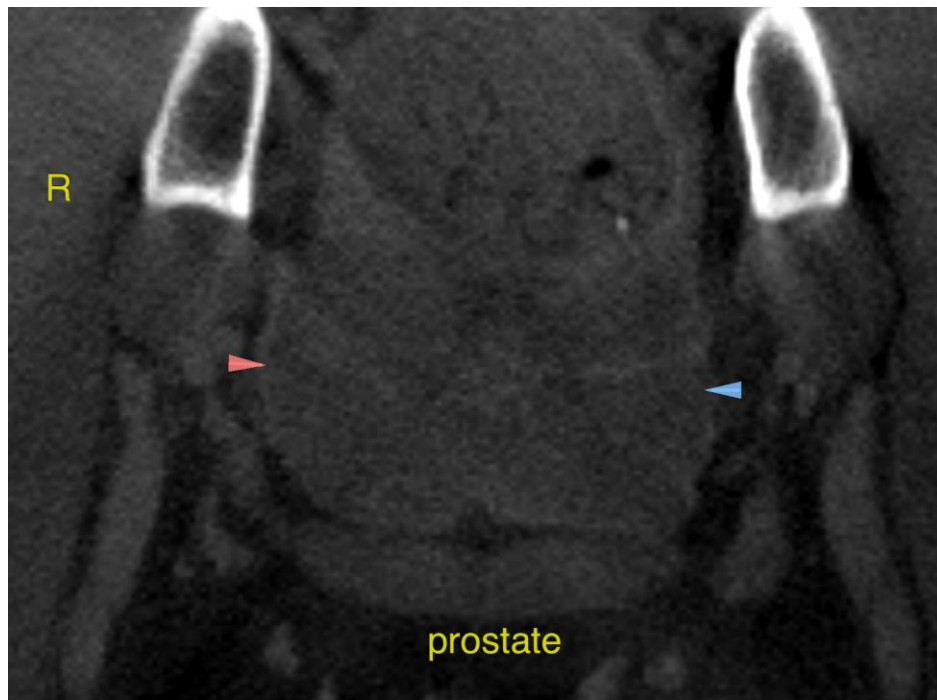
Pit Bull Terrier

SEX

Male Intact

AGE

6 Years



INTERPRETED BY

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

HOSPITAL NAME

Mobile Pet Imaging
CFL

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.

REFERRING VET

Borecky

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DATE

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