



PATIENT PRESENTING CLINICAL SIGNS

Burkley Ozee History: History of lymphoma, had a seizure a few days ago. Has also had blood in stool.
 Abnormal PE/Chem/CBC/UA Results: Decreased Values:HCT-31.2%, HGB-8.7 g/dL, MCHC-27.9 g/dL, MCV-48.4 fL, MCH-13.5 pg, RETIC-HGB-14.9 pg Elevated Values:WBC-28.15 K/uL, NEUT-24.95 K/uL, PLT-597 K/uL, RDW-30%, PCT- 0.73

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL AND ABDOMEN

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

BREED

American Bully

COMPUTED TOMOGRAPHIC FINDINGS

Skull:

SEX

Neutered Male

The tooth elements 110, 308, 405 and 407 are absent. A retained tooth root of triadan 110 is seen presenting a moderately widened periodontal space.

The nasal cavity presents the expected aerated spaces between thin and even conchae and turbinates with smooth mucosal lining.

AGE

8 Years 2 Months

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

INTERPRETED BY

Sebastian Schaub,
 DVM Dr. med. vet.
 DipECVDI

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals contain a moderate amount of mild soft tissue attenuating foamy material, left>right.

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement.

HOSPITAL NAME

The ventricular system is non-dilated and symmetric.

Neel VH

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.

REFERRING VET

Dr. Deepan Kishore

The left thyroid gland is mild to moderately enlarged and presents a mild macronodular conformation. The left thyroid gland is mildly heterogeneous hyperattenuating and presents a heterogeneous moderate to marked contrast enhancement pattern. The left thyroid gland is measuring 16 x 13 x 33 mm in size. Multiple small tortuous feeding vessels are seen in the periphery of the left thyroid gland.

INVOICE

12492

Abdomen:

In the caudal abdomen, level with the urinary bladder and prostate, the serosal fat presents a moderate to marked soft tissue striation.

DATE

8/9/21



PATIENT

Burkley Ozee 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.

SPECIES

Canine The urinary bladder is empty and the urinary bladder wall is moderately thickened, measuring up to 8 mm in width. The prostate is moderately enlarged, mildly irregular and measuring 3.9 x 3.6 x 4.8 cm in size. The prostatic parenchyma is uniform soft tissue attenuating and presents a heterogeneous contrast enhancement pattern.

BREED

American Bully The medial iliac lymph nodes are moderately enlarged, uniform soft tissue attenuating and contrast enhancing; the short-to-long-axis-ratio equals 0.5.
The adrenal glands are within normal limits for size, shape and organ architecture.

SEX

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

AGE

8 Years 2 Months The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.
The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.
The inguinal lymph nodes bilaterally are prominent.

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

Throughout the pictured caudal aspects of the lung, multiple variable sized, well-defined, uniform soft tissue attenuating nodules are seen.

HOSPITAL NAME

Neel VH

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Macronodular enlargement left thyroid gland
- Prostatomegaly with local peritonitis
- Lymphadenopathy medial iliac and inguinal lymph nodes bilaterally
- Structured nodular interstitial lung pattern
- Spondylosis deformans L7/S1
- Structural normal brain

REFERRING VET

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The enlarged left thyroid gland is suggestive for neoplastic transformation and thyroid carcinoma is the top differential.

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PATIENT

Burkley Ozee

The prostate is enlarged for a neutered male dog and neoplastic transformation is likely. Given the history of lymphoma prostatic lymphosarcoma is a consideration. Most likely differentials are transitional cell carcinoma or adenocarcinoma. Secondary metastatic spread to the regional lymph nodes. Recommend ultrasound guided FNA sampling ± TruCut biopsy to confirm the diagnosis. The localized peritonitis can indicate accompanying prostatitis.

SPECIES

Canine

The pulmonary changes are consistent with pulmonary metastasis.

BREED

American Bully

SEX

Neutered Male

AGE

8 Years 2 Months

INTERPRETED BY

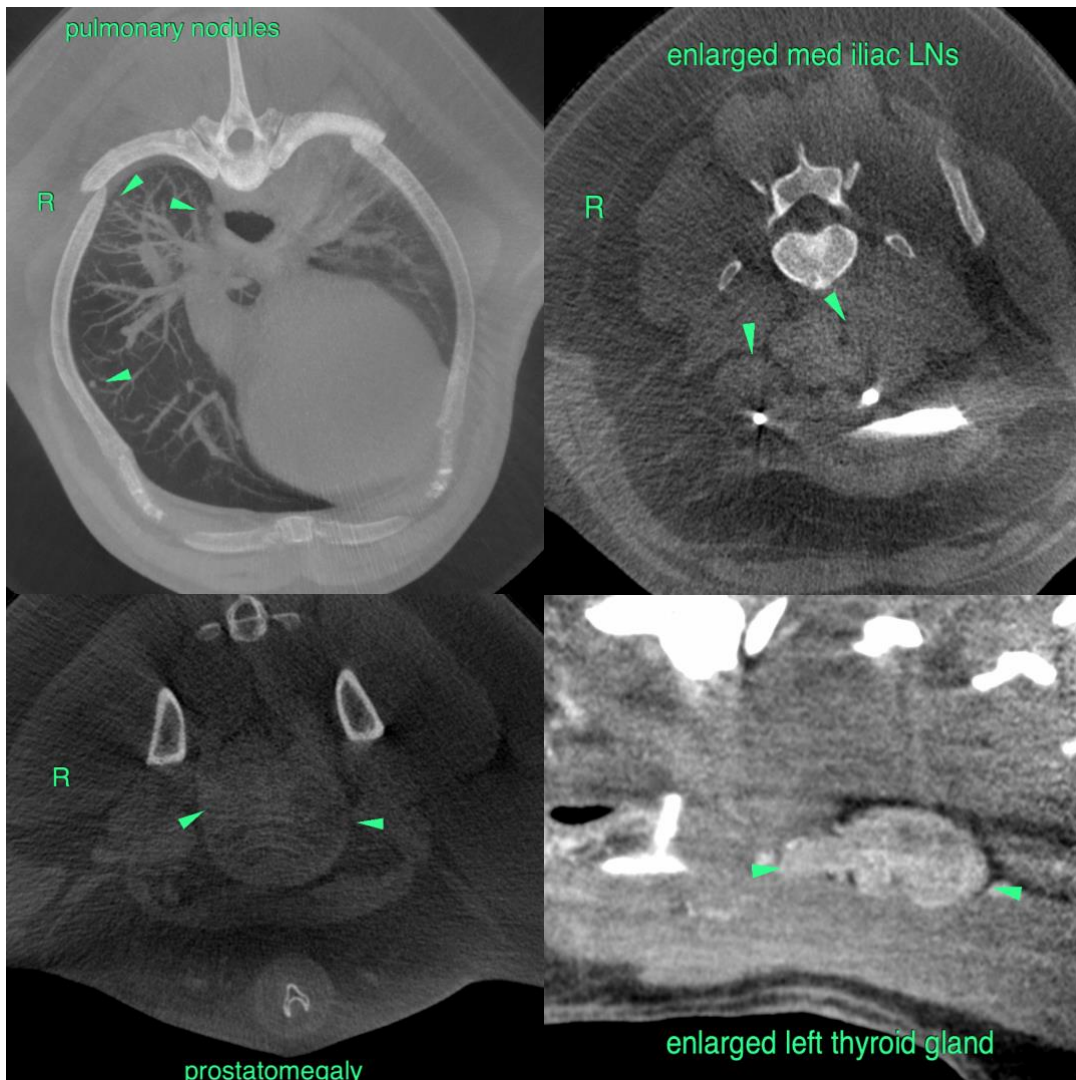
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HOSPITAL NAME

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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.

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PATIENT

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.

Burkley Ozee

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Canine

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SEX

Neutered Male

AGE

8 Years 2 Months

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