


PATIENT PRESENTING CLINICAL SIGNS

PATIENT Jack Bacon
SPECIES Canine
BREED Shepherd X
SEX Neutered Male

Chief complaint is enlarged submandibular lymph nodes and halitosis. Initially examined on 11/12/22 for a dental cleaning. Performed FNA on suspected lymph nodes and suspected reactive lymph nodes based on FNA results. Dog had no clinical signs until 5/24/22 when it was seen for enlarged lymph nodes again. There was marked enlargement of R submandibular LN, mild to moderate enlargement of L submandibular LN, mild to moderate enlargement of both L and R prescapular LN, and normal palpation of popliteal LN. 2/4 calculus and 2/3 gingivitis. No obvious source of inflammation to cause enlarged LN at this exam. Dog was sent home on Rimadyl (30 days) and SMZ tabs (21 days). On May/31/22, dog was seen for a recheck. Dog was doing well and swelling was decreased. Enlarged lymph nodes. Sent home Vetprofen and 14 additional days of SMZ tabs. On July//8/22, dog was in for a recheck. Doing well. LN back to normal size. Owner stated when dog is on antibiotics the breath is much better. On August/30/22, a biopsy of the lymph node was sent to Iowa State, which came back as Lymphoid Hyperplasia. The pathologist was suspicious of Lymphoma and recommended an immunohistochemistry test, which came back as reactive and not cancer. At today's exam patient has moderate gingivitis and moderate tartar build-up, no other obvious periodontal disease in mouth, there is a foul odor to breath/mouth. Submandibular lymph nodes are currently enlarged and easily palpable.

Abnormal PE/Chem/CBC/UA Results: Normal chemistry. Normal CBC.

AGE COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

6 Years 9 Months A high resolution pre- and post-contrast CT study of the skull is provided for review.

INTERPRETED BY COMPUTED TOMOGRAPHIC FINDINGS

Sebastian Schaub,
 DVM Dr. med. vet.
 DipECVDI

Triadan 305 is absent. The distal root of triadan 108 presents resorptive lesions. Moderate periapical widening of the periodontal space of triadan 202 is appreciated. Triadan 408 presents ankylosis of the roots with resorptive lesions of the distal root.

HOSPITAL NAME

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

Casselton Vet Service

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

REFERRING VET

Dr. Mary Moen

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

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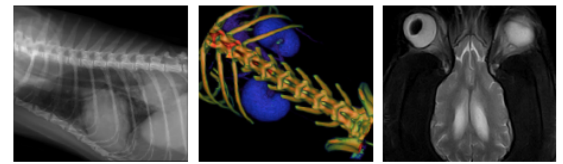
The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

In the right submandibular region, medial to the right mandibular salivary gland and ventral to the larynx, a well-defined lipoma measuring 3.8 x 1.8 x 5.9 cm is seen.

DATE

10/26/22

The parotid, submandibular and medial retropharyngeal lymph nodes are small are prominent and mildly rounded, uniform soft tissue attenuating with a mild heterogeneous contrast enhancement pattern.



PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS

Jack Bacon

- History of lymphadenopathy of the tributary lymph nodes of the skull
- Periodontal granuloma 202
- Tooth root resorption 108 and 408
- Absent triadan
- Lipoma right submandibular region

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Shepherd X

The CT study of the skull presents no specific abnormality, explaining the history of lymphadenopathy, but signs of mild periodontal disease with questionable relevance for the already diagnosed reactive hyperplasia. Rule out systemic infectious disease, such as Ehrlichiosis.

SEX

Neutered Male

AGE

6 Years 9 Months

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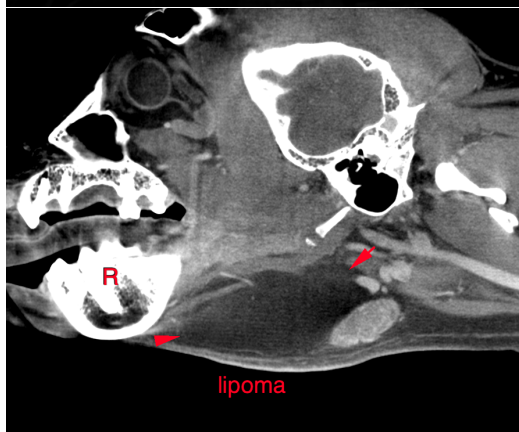
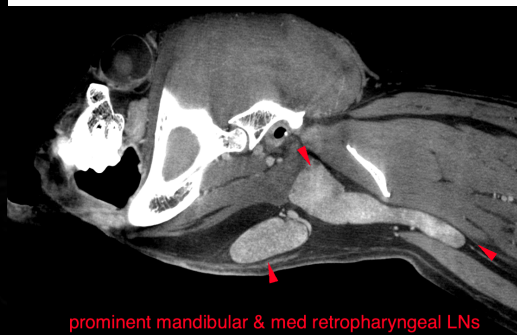
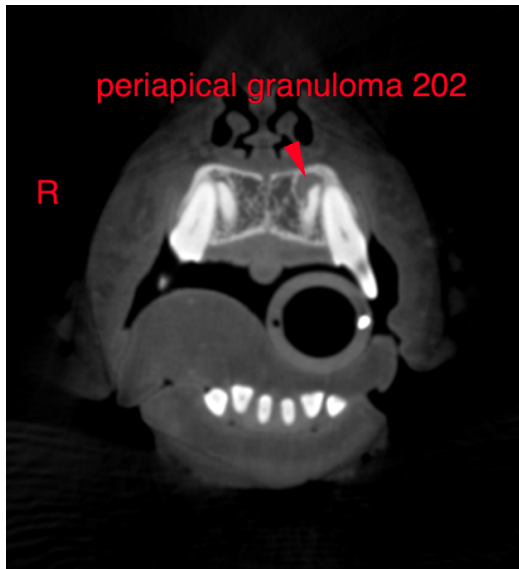
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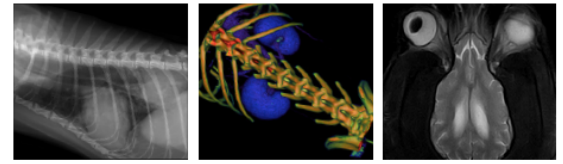
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The information and recommendations provided are based on the images presented by the



PATIENT referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Jack Bacon

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.

SPECIES

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