



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Danger Church

SPECIES Feline

BREED DLH

Swelling on right side of nose on and off since November 2021. March 2022, he had a right sided tooth removed and it was infected. Signs improved for a few months but then started to wax and wane again. The swelling was quite severe in July and ruptured through the side of nose 7/4/22 (leaking pus). He has been treated with multiple rounds of antibiotics (Clavamox 11/11/21, 1/18/22, clindamycin 7/8/22) with little improvement. It sounds like he has a stuffy nose but only produces occasional blood tinged purulent or mucoid discharge is from the right nostril. He eats, drinks and acts normally. Some sneezing. Otherwise has been a healthy fellow. He goes on the porch with supervision but otherwise has only been an indoor cat. No travel history. Other pets at home are not showing the same signs. No potted plants. Labwork run March 2022 prior to dental procedure showed elevated globulin level (5.4) and mildly elevated BUN (39) with normal creatinine (2.3). Recheck renal values in July 22 showed BUN 40 and creatinine 2.4 (high normal)

COMPUTED TOMOGRAPHY OF THE SKULL

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

MN COMPUTED TOMOGRAPHIC FINDINGS

AGE Triadan 101, 108, 201, 301 and 401 are absent. The alveolar bone of triadan 207&208 presents with an expansile, geographic osteolytic lesion, presenting a fluid attenuating center, measuring 10 x 6 x 11 mm in size.

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

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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 contain a mild to moderate amount of fluid attenuating material. The osseous lining of the tympanic bullae is smooth and thin. The external ear canals are within normal limits.

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.

REFERRING VET

Dr. Kimberly Winters

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.

Cystic enlargement of the right thyroid gland is appreciated, measuring 5 mm in diameter.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

53368

- Monostotic benign expansile osteolytic lesion alveolar bone level triadan 207&208
- Absent triadan 101, 108, 201, 301 and 401
- Cystic enlargement right thyroid gland
- Bilateral otitis media

DATE

8-9-22



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

At this point no swelling of the right side of the skull is appreciated and the dental elements in the right upper dental arcade present without signs of granuloma/abscess formation.

The expansile osteolytic lesion of the alveolar bone level triadan 207&208 is suggestive for periodontal abscess or odontogenic cyst formation. However, malignant neoplasia, such as squamous cell carcinoma might present as cystic bone lesion as well. Consider extraction of the affected teeth and biopsy of the alveolar bone to rule out malignant transformation.

The findings of the right thyroid gland are suggestive for thyroid cyst ± (non)functional adenoma formation.





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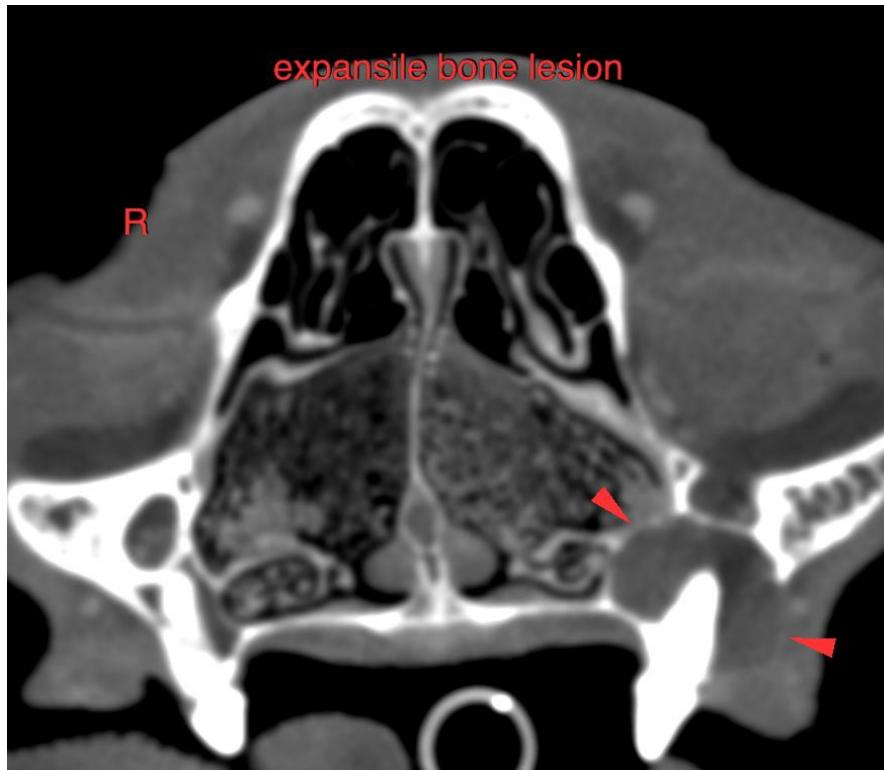
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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