



PATIENT

Sylvester Ferry

SPECIES

Feline

BREED

DSh

SEX

Neutered Male

AGE

8 Years

WEIGHT

5.6 kg

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet Specialist
in Diagnostic Imaging

IMAGING PERFORMED BY

Brian Palmeiro

HOSPITAL NAME

Pet Allergy &
Dermatology
Specialists

REFERRING VET

Brian Palmeiro

INVOICE

36631

DATE

4/17/26

PRESENTING CLINICAL SIGNS

History: Chronic left sided otitis. concern for abnormal tympanum on otoscopy
Abnormal PE/Chem/CBC/UA Results: Chronic left sided otitis. concern for abnormal tympanum on otoscopy.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

The left tympanic bulla presents residual gas pockets with a predominantly fluid-filled bulla. The changes expand into the horizontal part of the external ear canal and lead to a loss of bone substance at the level of the cochlea and the petrosal bone. Meningeal involvement is not noted. There is mild wall-associated enhancement recognized after contrast application.

The periphery of the tympanic bulla and the external ear canal are inconspicuous. The left medial retropharyngeal lymph node is mightily enlarged, but well-defined and of normal shape. The neurocranium does not show particular findings.

There is a nodule noted in the left thyroid gland measuring approximately 0.72 cm being well described without signs of an aggressive/invasive behavior.

The soft tissues of the head and neck are inconspicuous apart from that.

The displayed teeth present different stages of degenerative/resorptive changes. Relevant osteolysis of the maxillary or mandibular bone are not noted. An oro-nasal fistula is not recognized.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Signs of a mildly aggressive, erosive process left tympanic bulla/petrosal bone
- Mild retropharyngeal lymph adenomegaly left side
- Suspected benign adenoma/adenomatous hyperplasia left thyroid gland
- Degenerative/resorptive changes displayed teeth

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT shows mildly aggressive/erosive changes at the level of the left tympanic bulla and the petrosal bone. These are still consistent with a chronic inflammatory process as seen with inflammatory polyps and secondary bacterial infections. The wall-associated contrast enhancement, the inconspicuous periphery and the mild enlargement of the left retropharyngeal lymph node would underline this assumption. A perforation of the tympanic membrane is very likely.

Differentiation to a neoplastic process is not difficult. With that, mildly aggressive neoplastic changes as seen with initial squamous cell carcinoma or adenocarcinoma of the ceruminous glands are still possible. For further differentiation, biopsy and histopathology as well as microbiologic testing are needed.

The lesion of the left thyroid gland is consistent with benign adenoma. Currently, there are no signs of an aggressive/invasive growth noted.



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The changes of the teeth are incidental and must be correlated with the clinical presentation.

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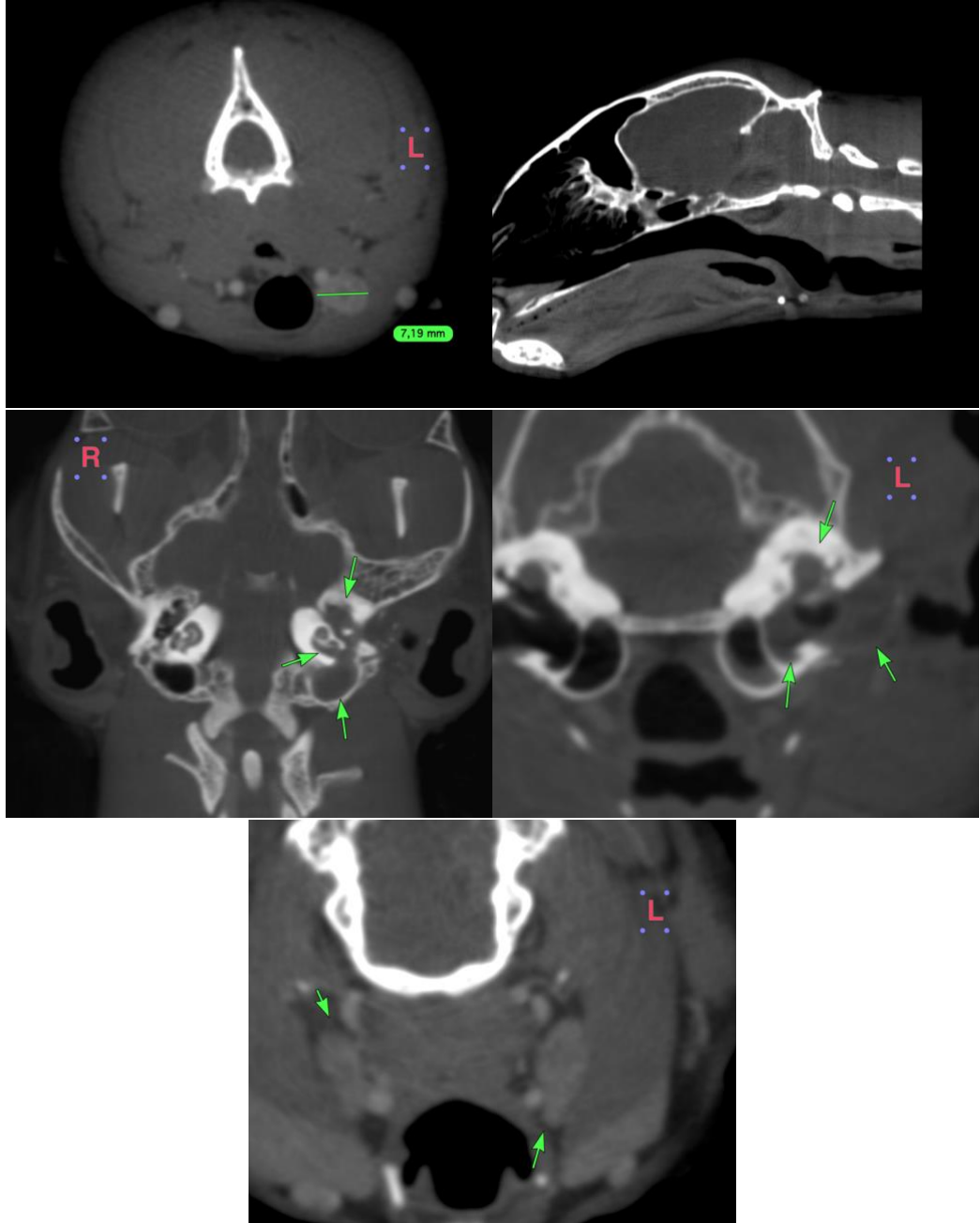
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
info@sonopath.com