



**PATIENT PRESENTING CLINICAL SIGNS**

**Fritz Calindro** P has a history of seizure-episodes since the pet is young. Last one was long so the O is concerned, Pet is not on antiseizure medication.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: Total Protein high, globulin high, Cholesterol high otherwise unremarkable.

**Feline** **COMPUTED TOMOGRAPHY OF THE HEAD**

Pre/post contrast studies provided for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

**DSH** The neurocranium shows normal findings as far as can be assessed. Bony structures of the skull and the skull foramina of the cranial nerves are laterally symmetrical and inconspicuous.

**SEX** The right bulla shows fluid dense material with residual gas pockets following gravity ventrally. The bulla wall is evenly thickened without lytic lesions. Both petrosal bones are inconspicuous. Integrity of the tympanic membrane is questionable on the right. There is soft tissue dense material noted in the horizontal part of the external ear canals adjacent to the membrane. Changes of the tympanic bulla are recognized on left side as well but less severe. On the right the filling of the bulla can be traced through the auditory tube into the nasopharyngeal meatus, where a small mass of 6 mm causes narrowing of the meatus. The mass is rounded in shape and clearly defined.

**AGE** 4 Years

**INTERPRETED BY**

The adjacent temporomandibular joints and salivary glands have no particular findings.

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Frontal sinuses and the orbital contents are laterally symmetrical without evidence of a retrobulbar lesion. Nasal cavities present swelling of the mucous membranes in the rostral nasal but are ventilated regularly apart from that. Conches look normal as well as the maxillary/mandibular teeth.

Post contrast images show no pathological enhancement. The medial retropharyngeal lymph nodes are mildly enlarged (right more than left).

**HOSPITAL NAME**

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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**REFERRING VET**

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- Signs of a chronic otitis media et externa with marked hyperostosis of the bulla wall, questionable integrity of the right tympanic membrane and with a suspected inflammatory polyp expanding from the auditory tube into the meatus nasopharyngeus
- Signs of an otitis media et externa on the left
- Mild swelling of the mucous membranes rostral nasal cavities
- Mild right pronounced retropharyngeal lymphadenomegaly.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

CT findings on the right side are highly suspicious for an expansile, inflammatory polyp originating from the auditory tube into the nasopharynx with secondary otitis media. The morphology, extend and mild enlargement of the retropharyngeal lymph nodes would go along with that assumption. The fluid filled

**DATE**

8-16-23



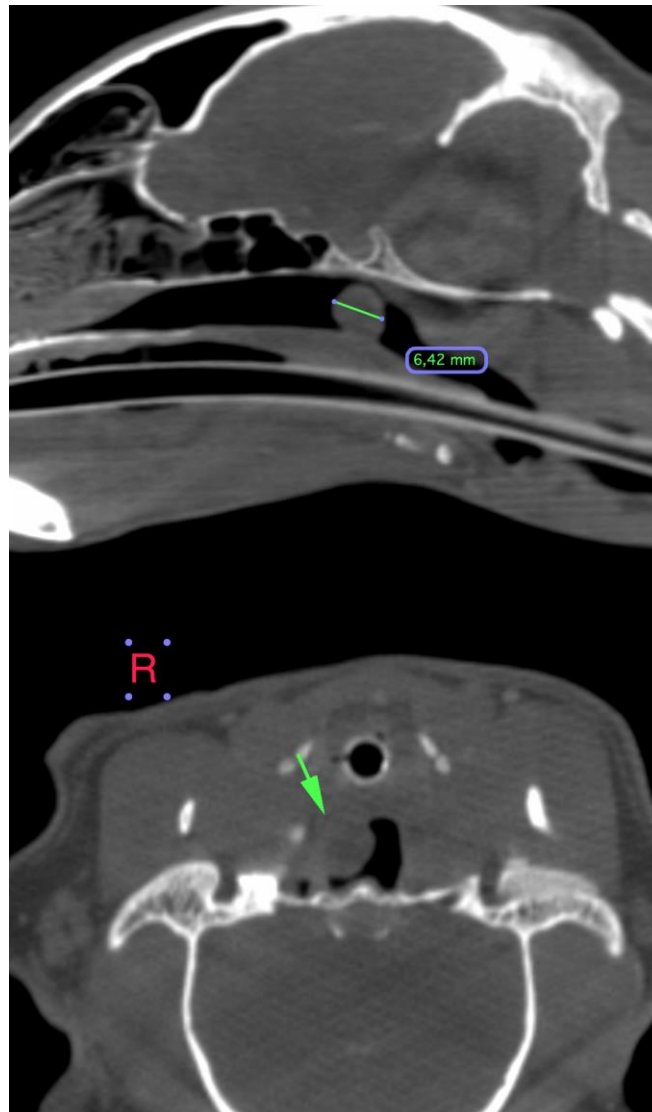
**PATIENT** Fritz Calindro  
bullae likely are secondary issues due to insufficient mucous clearance. Signs of an aggressive/malignant lesion or an abscess formation are not recognized. Biopsy is needed for further differentiation.

**SPECIES**  
Feline  
Intra-axial lesions such as infarcts, small edema or low-grade neoplasia are difficult to recognize in CT and therefore not ruled out completely.

**BREED**  
DSH  
The subtle swelling of the mucous membranes in the rostral nasal section are still considered to be normal from a CT perspective.

**SEX**  
Male Neutered

**AGE**  
4 Years



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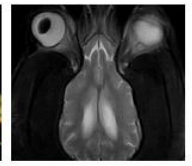
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**PATIENT**

Fritz Calindro

**SPECIES**

Feline

**BREED**

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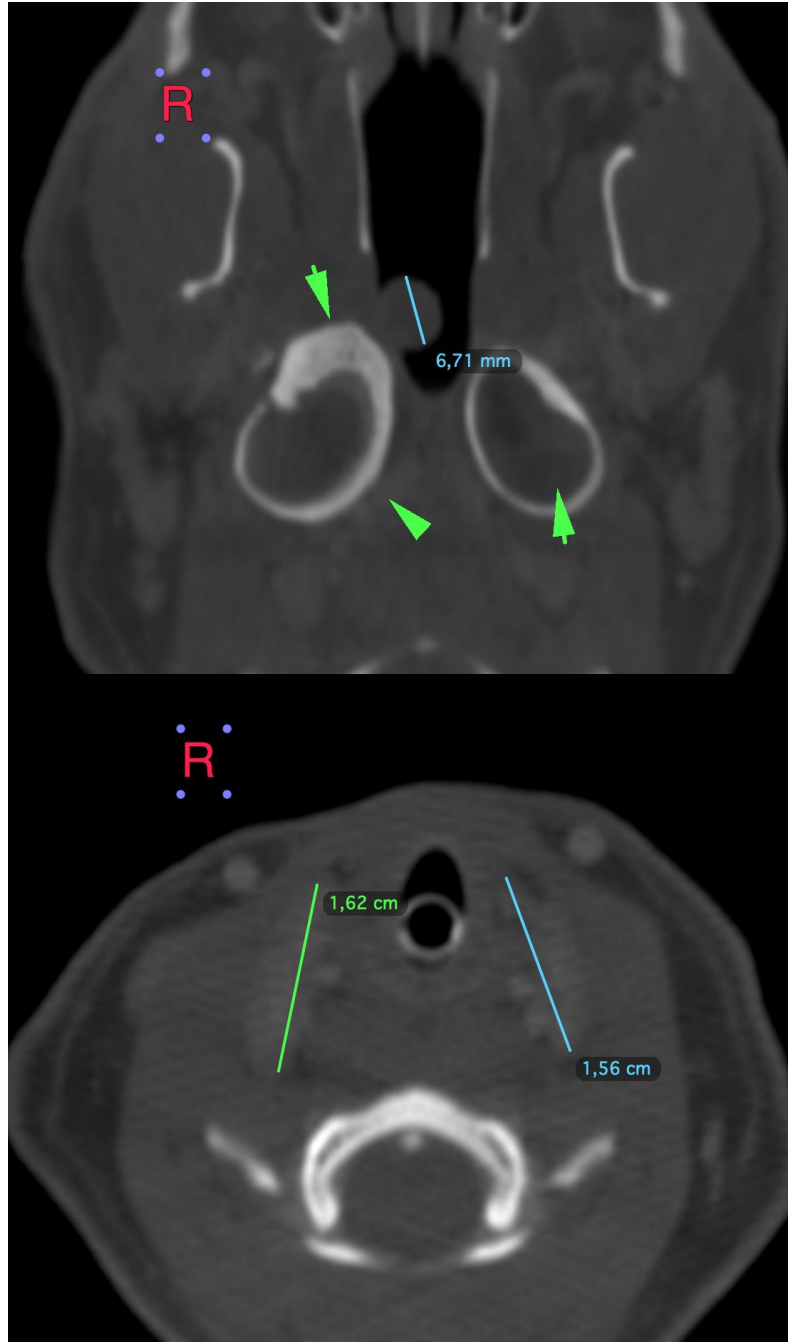
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**PATIENT**

Fritz Calindro

**SPECIES**

Feline

**BREED**

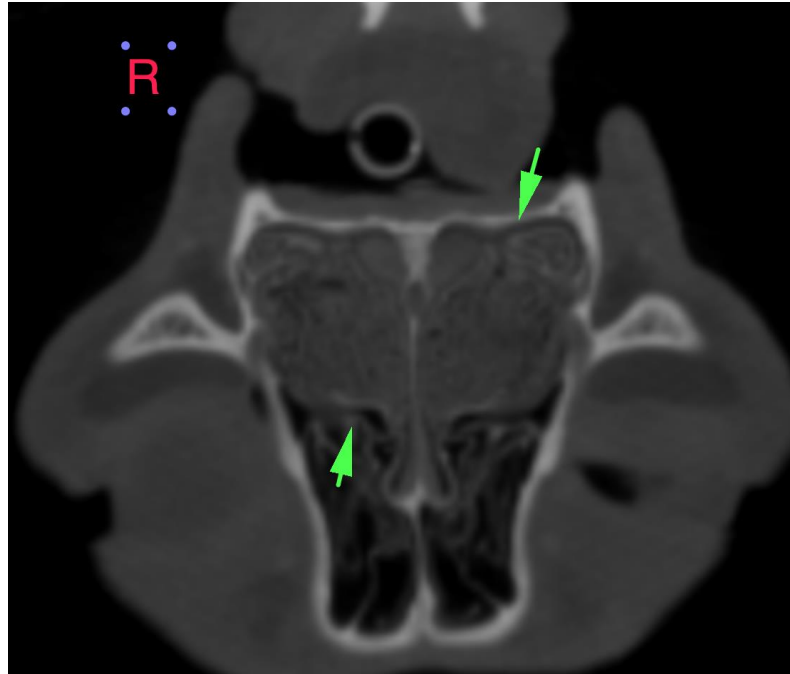
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**HOSPITAL NAME**

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