



**PATIENT**

Lara Raisa Abd Muluk

**PRESENTING CLINICAL SIGNS**

On 3.3.22 Lara was presented with complaint of swollen on left cheek. According to owner, the swollen persists almost 3 weeks. Previous vet clinic suspected it was abscess: Upon PE, the swollen side was warm and from. Left ear got dry whitish scab and the oral cavity was clear. After clean up the left ear, there is continuous bleeding from the left ear canal - suspected blood from the swollen side. The cat was put on gas anesthesia on 3.3.2022 evening and around 15ml of fresh blood was extracted from the swollen side.

**SPECIES**

Feline

**BREED**

Persian Cross

**COMPUTED TOMOGRAPHY OF THE SKULL**

A pre- and post-contrast CT study of the skull in a bone and soft tissue reconstruction is provided for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

Female

Multiple teeth are absent.

**AGE**

6 Years

In the subcutaneous tissue at the left aspect of the skull – lateral to the left external ear canal and extending rostrally to level of the masseter muscle and caudally up to the level of C1 – a soft tissue attenuating mass with central mild mineralization is visible. The mass is measuring approximately y 4.0 x 5.2 x 5.1 cm in size. Medially the mass merges with the horizontal segment of the left external ear canal and is mildly protruding through the external acoustic porus into the tympanic bulla. The mass is mildly distorting the pharynx by the mass effect. The left mandibular salivary gland is displaced ventrally by the mass effect.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The left tympanic bulla contains a mild amount of soft tissue attenuating material.

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

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

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.

**REFERRING VET**

Dr. Sivan

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.

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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.

**DATE**

3-9-22

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Heterogeneous contrast enhancing soft tissue mass associated with the left external ear canal
- Left sided otitis media
- Multiple absent teeth



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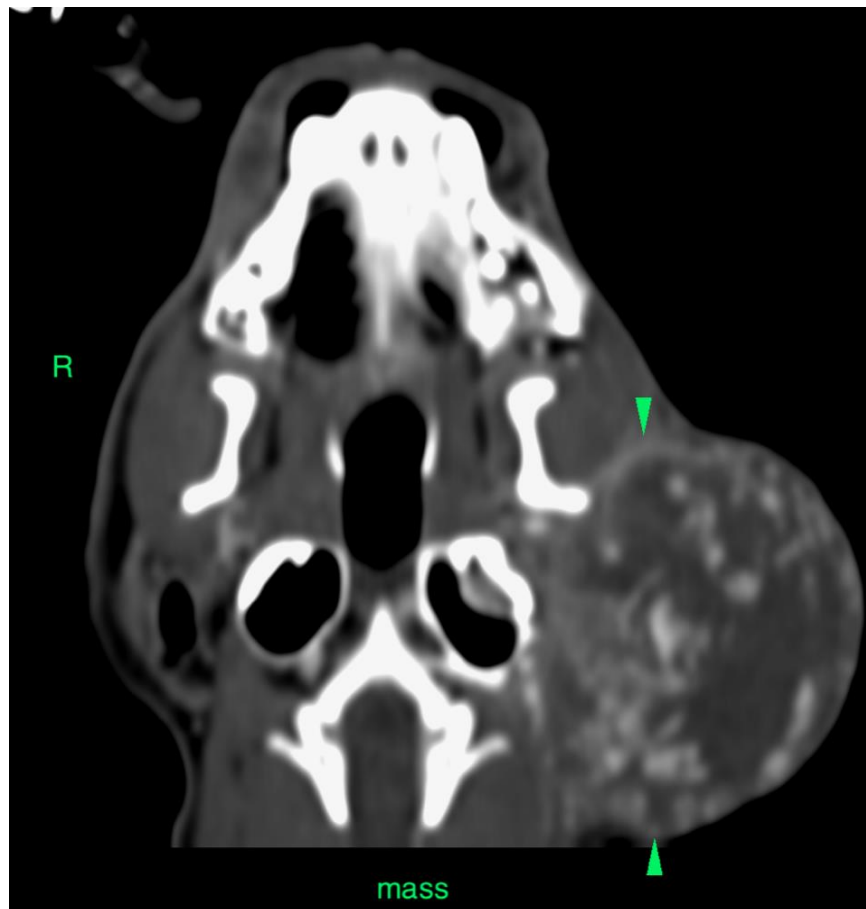
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**DATE**

3-9-22

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The findings are compatible with a soft tissue neoplasm, possibly originating from the left external ear canal – potentials include squamous cell carcinoma, hemangiosarcoma, hemangioma, ceruminous gland adenocarcinoma. FNA sampling or biopsy might be tried for further definition – although diagnostic value might be limited by the described hemorrhagic content of the mass. Surgical excision of the mass is considered as the therapy of choice, but local invasive growth might be present as the mass appears to infiltrate the left masseter muscle. Complete surgical excision of the mass will also warrant left sided total ear canal ablation and due to the extent of the mass, post operative left sided facial nerve palsy is likely.





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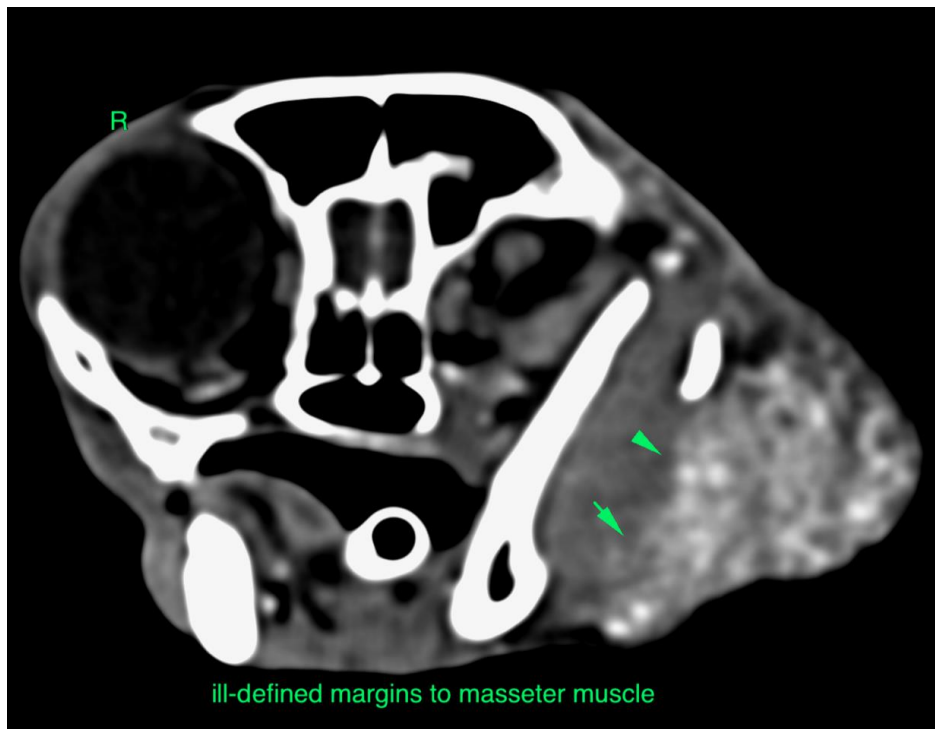
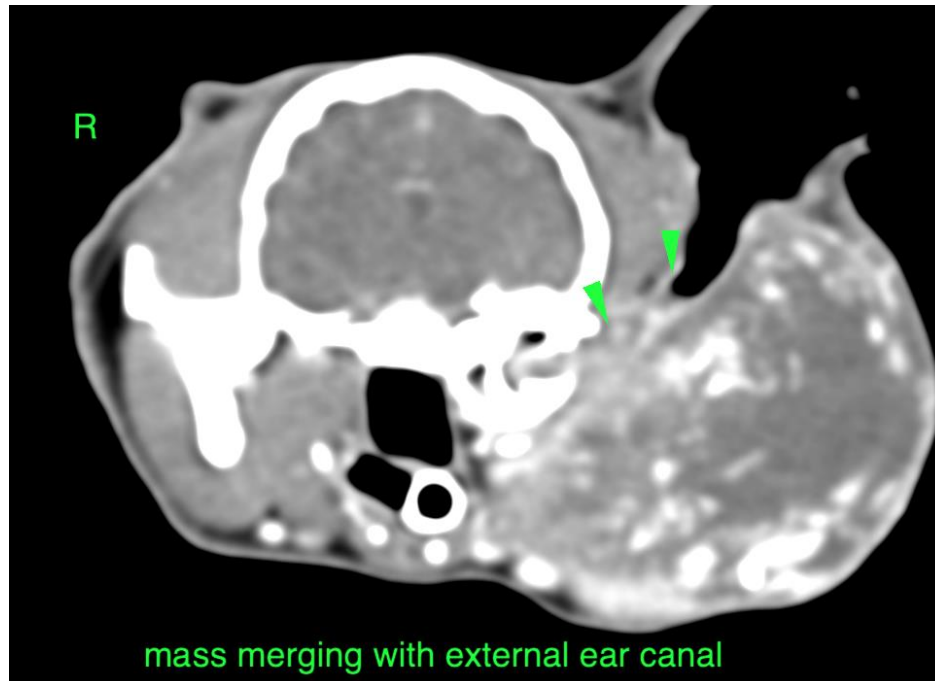
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**SPECIES**

Feline

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.

**BREED**

Persian Cross

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com

**SEX**

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**AGE**

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