



**PATIENT PRESENTING CLINICAL SIGNS**

Scar Murilli Severe chronic otitis AU. AD developed severe expansion and then closure of canal. Dog was rescued 2 years ago. Right TECABO performed after CT scan. Chronic corticosteroid administration.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: AD canal thickening, expansion, and otalgia. Elevated ALP and ALT. Decreased palpebral reflex OD (recent)

Canine

**COMPUTED TOMOGRAPHY OF THE SKULL**

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

**BREED**

**COMPUTED TOMOGRAPHIC FINDINGS**

GSD

The tooth elements 106 and 206 are absent. Abrasion of the crowns of the premolar and molar teeth is appreciated.

**SEX**

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

MN

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

**AGE**

7 Years

Both external ear canals present a significant thickening of the wall, R>>L, and advanced mineralization of the walls. The left external ear canal can be appreciated up to the external porus acusticus and contains fluid attenuating material. The lumen of the right external ear canal is completely obliterated by the thickened wall and mild hypoattenuating material. In the medial aspect the right external ear canal cannot be clearly delineated and there is an ill-defined soft tissue swelling surrounding the right external ear canal and focal fat-stranding. The right tympanic bulla is filled with soft tissue attenuating material, the wall is rough and multifocal osteolysis is appreciated – including the petrosal part of the right temporal bone. Along the lateral surface of the right temporal bone, in the region of the tympanic bulla and right temporomandibular joint, multifocal palisading periosteal new bone formation is appreciated.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

CARE Surgery Center

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**

Matthew Keats DVM,  
DACVS-SA

The right mandibular and medial retropharyngeal lymph nodes are enlarged and have a mild heterogeneous contrast enhancement pattern.

The subcutaneous tissue along the craniodorsal aspect of the neck is thickened and presents mild mineralization.

**INVOICE**

55497

- Bilateral advanced chronic otitis media with dystrophic mineralization of the external ear canals, R>>L
- Suspect perforation/laceration of the right external ear canal with secondary surrounding septic steatitis

**DATE**

12-1-22

- Right sided advanced otitis media and osteitis of the temporal bone – no evidence of accompanying meningitis
- Lymphadenopathy right mandibular and medial retropharyngeal lymph node
- Mild calcinosis cutis – history of glucocorticoid administration



**PATIENT** Scar Murilli

- Generalized abrasion of the crowns of the premolar and molar teeth
- Absent triadan 106&206

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SPECIES** Canine

The findings are fitting the history of advanced chronic otitis externa, R>>L. There is evidence of secondary perforation of the right external ear canal, due to the changes of the wall with local steatitis, osteitis and reactive hyperplasia of the tributary lymph nodes. Right sided total ear canal ablation has already been performed as indicated.

**BREED** GSD

After recovery phase, recommend left sided total ear canal ablation as well, as there is an increased risk for perforation of the respective external ear canal as well.

**SEX**

MN

**AGE**

7 Years

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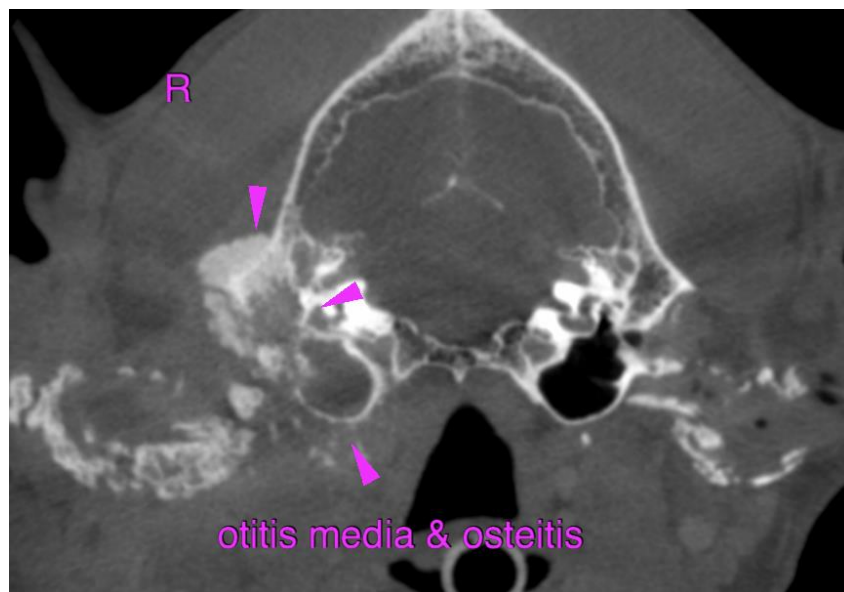
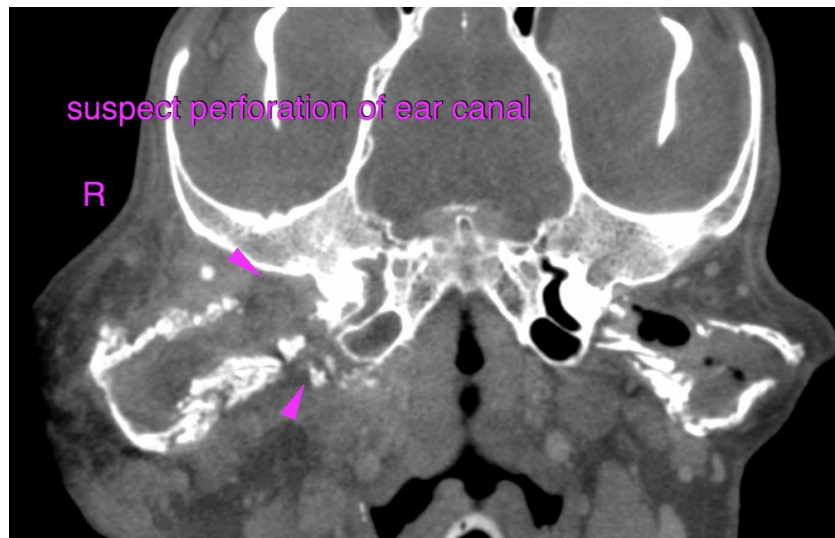
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**PATIENT**

Scar Murilli

**SPECIES**

Canine

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.

**BREED**

GSD

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 Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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**SEX**

MN

**AGE**

7 Years

**INTERPRETED BY**

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