



**PATIENT PRESENTING CLINICAL SIGNS**

Prism Cat Republic  
Rescue History: Chronic open wound ventral to left ear.

**COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**

**SPECIES** A high-resolution plain CT study of the skull is provided for review.

Canine **COMPUTED TOMOGRAPHIC FINDINGS**

**BREED** The zygomatic process of the left temporal bone presents immature periosteal new bone formation.

Pitbull Mix The external ear canals bilaterally present a marked thickened wall and the horizontal segment of the external ear canals is obliterated by soft tissue material. Advanced shell-like mineralization of the external ear canals is appreciated. Along the left external ear canal, multiple gas inclusions are seen, that are not confined to the external ear canal, extending up into the subcutaneous tissue along the left zygomatic arch forming a fistulous tract draining to the cutaneous surface. A small amount of soft tissue material is appreciated in the left tympanic bulla; the wall of the left tympanic bulla is thickened and smooth. The right tympanic bulla is aerated and has a smooth and thin wall.

**SEX**  
Spayed Female

**AGE**  
10 Years The left ala of C1 presents palisading periosteal new bone formation.  
The left mandibular and medial retropharyngeal lymph nodes are prominent.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

- Bilateral advanced chronic otitis externa with dystrophic mineralization
- Evidence of perforation of the left external ear canal with secondary fistula formation
- Secondary reactive periosteal new bone formation left ala C1 and zygomatic process left temporal bone
- Left sided mild otitis media
- Lymphadenopathy left mandibular and medial retropharyngeal lymph node

**HOSPITAL NAME**

Animal Surgical  
Center- Oceanside

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The clinically appreciated wound can be explained by fistula formation due to laceration of the left external ear canal secondary to severe chronic otitis externa. Bilateral total ear canal ablation is considered as the therapy of choice.

**REFERRING VET**

N/A Reactive hyperplasia of the tributary lymph nodes.

**INVOICE**

23239

**DATE**

7/7/23



**PATIENT**

Prism Cat Republic  
Rescue

**SPECIES**

Canine

**BREED**

Pitbull Mix

**SEX**

Spayed Female

**AGE**

10 Years

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**REFERRING VET**

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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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