



**PATIENT PRESENTING CLINICAL SIGNS**

Chloe Arnst History: Anorexia. Muscle atrophy right side head. Painful right otic exam  
Abnormal PE/Chem/CBC/UA Results:

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**

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

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**

Mix

Triadan 301, 303, 307, 311, 401, 403 and 411 are absent. Multiple retained tooth roots of the mandibular incisors and triadan 307 are seen within their respective alveolar crests. The distal root of triadan 208 presents a moderate periapical widening of the periodontal space. A generalized moderate horizontal bone loss is seen in all jaw quadrants.

**SEX**

Spayed Female

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

**AGE**

12 Years

The lens of the right ocular bulb shows a focal peripheral mineralization.

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

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

Both tympanic bullae contain a moderate amount of non-contrast enhancing soft tissue material. The osseous lining of the tympanic bullae is smooth and thin. The external ear canals are within normal limits.

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.

**HOSPITAL NAME**

Blairstown AH

The ventricular system is non-dilated and symmetric.

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.

**REFERRING VET COMPUTED TOMOGRAPHIC DIAGNOSIS**

Dr. Clegg

- Bilateral otitis media
- Tooth root abscess 208
- Generalized moderate periodontal disease with horizontal bone loss in all jaw quadrants

**INVOICE**

12589

- Multiple absent teeth
- Cataract right lens

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**DATE**

8/18/21



**PATIENT**

Chloe Arnst

The current CT study of the skull presents no specific abnormality, explaining the described clinical signs. The bilateral otitis media presents without overt inflammatory changes/remodeling or evidence of abscess formation which could be a source for pain. Also the region of the trigeminal nerve or temporomandibular joints are within normal limits. Check for any oral lesions as source for pain.

**SPECIES**

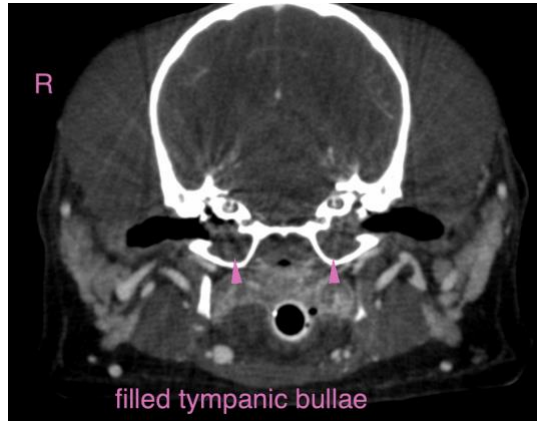
Canine

**BREED**

Mix

**SEX**

Spayed Female



**AGE**

12 Years

**The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
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