



**PATIENT PRESENTING CLINICAL SIGNS**

Yana Qoya Anderson Patient presented for evaluation of difficulty/pain on opening mouth and examining ears. MMM antibodies negative

**SPECIES COMPUTED TOMOGRAPHY OF THE SKULL**

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

**COMPUTED TOMOGRAPHIC FINDINGS**

BREED The tooth elements 106, 108, 206, 306, 311, 406 and 411 are absent.

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

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

FS The right tympanic bulla is filled with expansile, mild heterogeneous soft tissue attenuating material without overt contrast enhancement. The osseous lining of the right tympanic bulla is moderately irregular and thickened and the right bulla is distended, half-shell like new bone formation is seen along the lateroventral aspect. The new bone formation are extending up to the caudal aspect of the right temporomandibular joint.

AGE 9 Years The left tympanic bulla and the left external ear canal present without abnormalities.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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.

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.

**HOSPITAL NAME**

Mobile Pet Imaging

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Right sided chronic otitis media with marked dilation of the right tympanic bulla and new bone formation extending up to the level of the right temporomandibular joint
- Multiple absent teeth

**REFERRING VET**

Seraydar

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The chronic expansile changes of the right tympanic bulla are highly suggestive for cholesteatoma secondary to chronic otitis media. The new bone formation and potential local inflammatory reaction are a plausible cause for the presenting clinical signs. Surgical management either by a ventral bulla osteotomy or right sided total ear canal ablation and lateral bulla osteotomy appears beneficial – the right external ear canal appears normal, but the distorted porus acusticus externus, and ventral bulla osteotomy is considered as the preferred method; recommend complementing workup by otoscopy.

**INVOICE**

55462

**DATE**

11-30-22



**PATIENT**

Yana Qoya Anderson

**SPECIES**

Canine

**BREED**

Poodle

**SEX**

FS

**AGE**

9 Years

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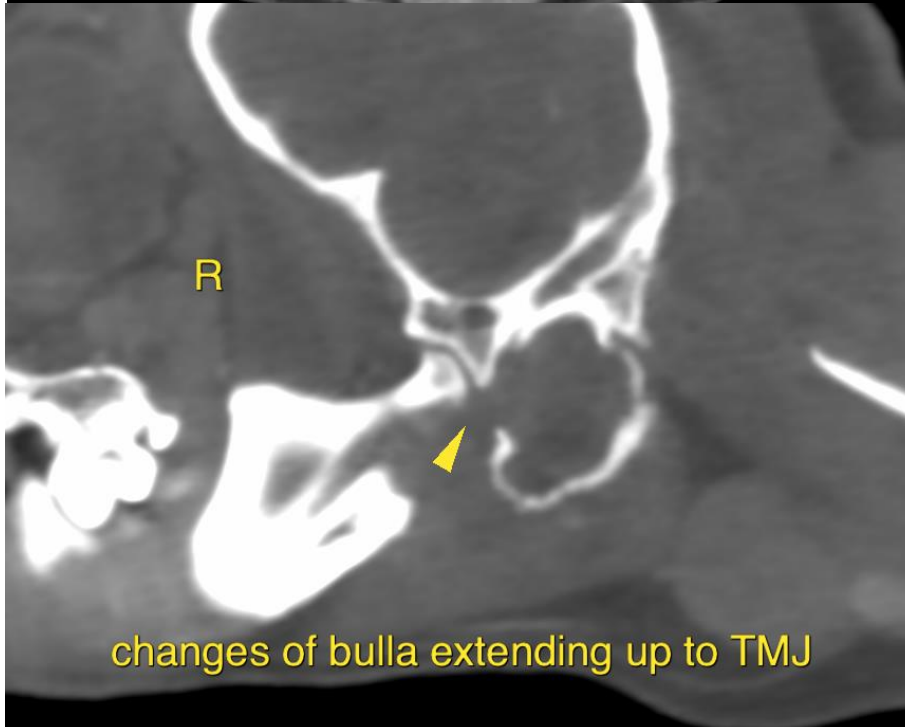
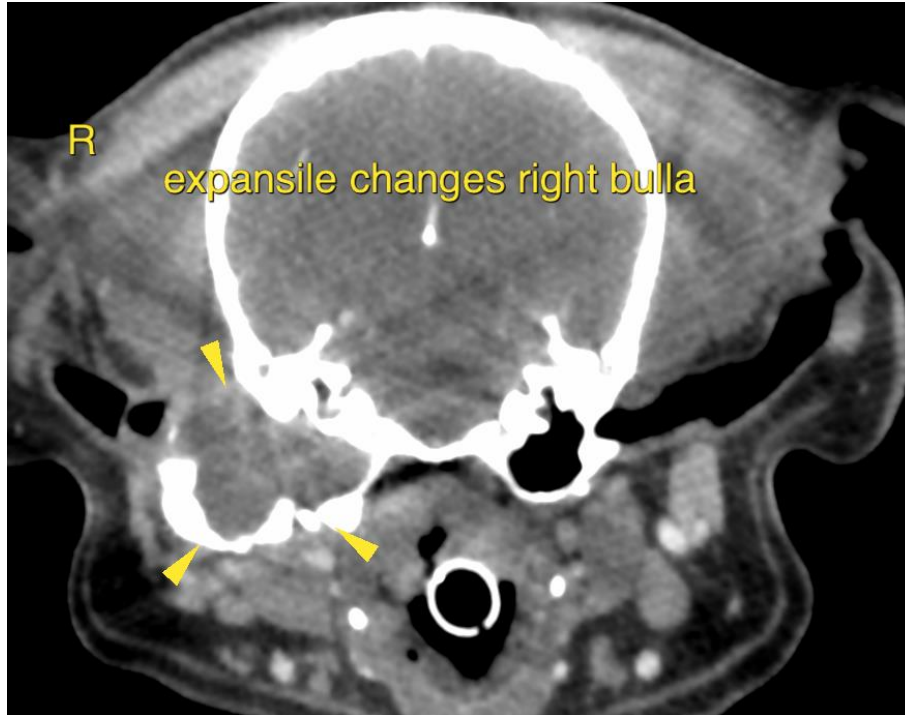
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**PATIENT**

Yana Qoya Anderson

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**

Canine

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  
sebast.schaub@gmail.com

**BREED**

Poodle

**SEX**

FS

**AGE**

9 Years

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