



**PATIENT PRESENTING CLINICAL SIGNS**

**Channel Dacamara** History: Owner fell on patient and caused trauma to the head area. Presented to an ER with right eye swelling, chemosis, hemorrhage and diagnosed with buphthalmos and corneal ulcer. Skull or jaw fractures were suspected by ER vet and was referred to us for CT. I performed a temporary tarsorrhaphy immediately prior to the CT.

**SPECIES**

Canine Abnormal PE/Chem/CBC/UA Results: Leukocytosis with neutrophilia of 19,540

**BREED**

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

**COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

Female All teeth but triadan 101, 104, 201, 302, 303, 309, 403, 404 and 409 are absent. The tooth elements 101, 309 and 409 present a marked widened periodontal space. The remaining teeth present signs of moderate horizontal bone loss.

**AGE**

12 Years The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.  
A significant periocular and retrobulbar soft tissue swelling is seen in the right orbital cavity. The right ocular bulb is deviated rostrally by the mass effect. The vitreous chamber is mildly hyperattenuating in comparison to the contralateral ocular bulb.

**INTERPRETED BY**

Sebastian Schaub, DVM Dr. med. vet. DipECVDI Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

**HOSPITAL NAME**

Petroglyph AH 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**

Alice Ku Incomplete ossification of the bregmatic fontanelle is seen.  
The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation pattern is uniform.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**INVOICE**

23933

- History of blunt craniofacial trauma
- Suspect intraocular hemorrhage into the vitreous chamber right eye
- Diffuse soft tissue swelling right orbital cavity, secondary right sided exophthalmos
- Advanced periodontal disease of the remaining teeth, most accentuated 101, 309 and 409
- Multiple absent teeth
- No evidence of fracture

**DATE**

8/11/23



**PATIENT INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Channel Dacamara

The appreciated swelling in the right orbital cavity in combination with the history is highly suggestive for hemorrhage/hematoma and secondary exophthalmos. The CT study presents no signs of fracture. After removal of the tarsorrhaphy, consider evaluation of the right eye for retinal ablation.

**SPECIES**

Canine

A dental workup is considered beneficial after the rehabilitation phase.

**BREED**

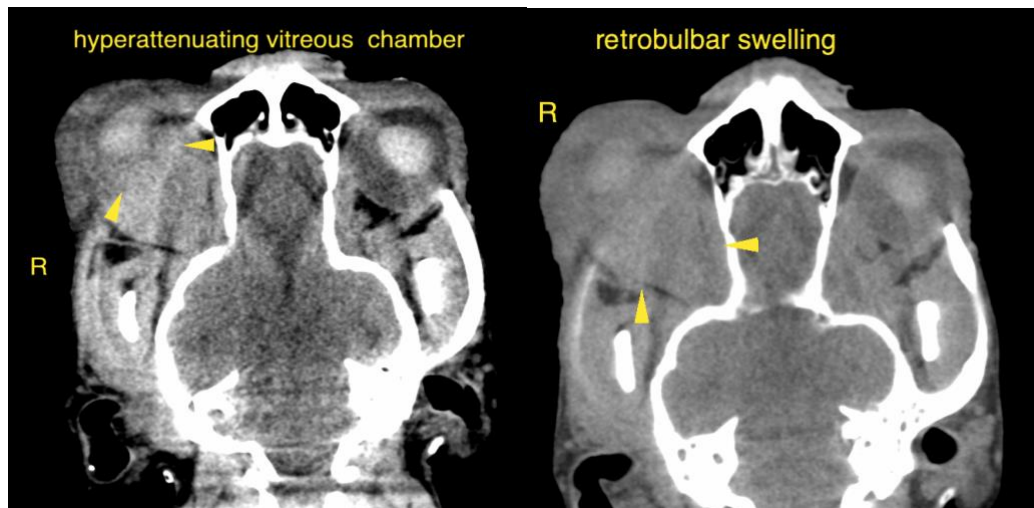
Chihuahua

**SEX**

Female

**AGE**

12 Years



**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

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.

**HOSPITAL NAME**

Petroglyph AH

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
info@sonopath.com

**REFERRING VET**

Alice Ku

**INVOICE**

23933

**DATE**

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