



**PATIENT PRESENTING CLINICAL SIGNS**

Macho Poblete protrude left eye on exam

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Canine A pre- and post-contrast CT study of the head are provided for review totaling two series. One pre-contrast series and one post-contrast series, bone algorithm.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Chihuahua Mix The globes are mildly asymmetrical in size, with wide anterior chamber of the left side in comparison with the right. The measurement of the anterior chamber of the left globe is 0.39cm in width; The measurement of the anterior chamber of the right globe is 0.35cm in width. The lens is in standard position. No mass effect or radiopaque foreign material is identified.

**SEX**

MN

The osseous structures of the periorbital region are unremarkable.

The retrobulbar spaces are normal.

**AGE**

7 Years

The zygomatic glands are unremarkable.

The nasal cavities, turbinates, choana, nasopharynx, and larynx are normal.

The cribriform plate is intact.

**INTERPRETED BY**

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

The frontal sinuses are unremarkable.

The bulla cavities and external auditory canals are normal.

No mass effect is seen in the brain, normal attenuation.

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The temporomandibular joints are bilaterally congruent.

No fracture or aggressive bone disease are identified.

**REFERRING VET**

Lorente

The triadans 306 and 307 are absent.

The salivary and parotid glands are unremarkable.

The medial retropharyngeal lymph nodes and mandibular lymph nodes are unremarkable.

**INVOICE COMPUTED TOMOGRAPHIC DIAGNOSIS**

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- Mild widening of the anterior chamber of the left globe. The differential diagnosis includes, swelling, glaucoma, uveitis, positional artifact.
- No evidence of periorbital or retrobulbar changes.
- Absent teeth, triadans 306 and 307.
- Otherwise, normal head structures.

**DATE**

7-19-23



**PATIENT**

Macho Poblete

**SPECIES**

Canine

**BREED**

Chihuahua Mix

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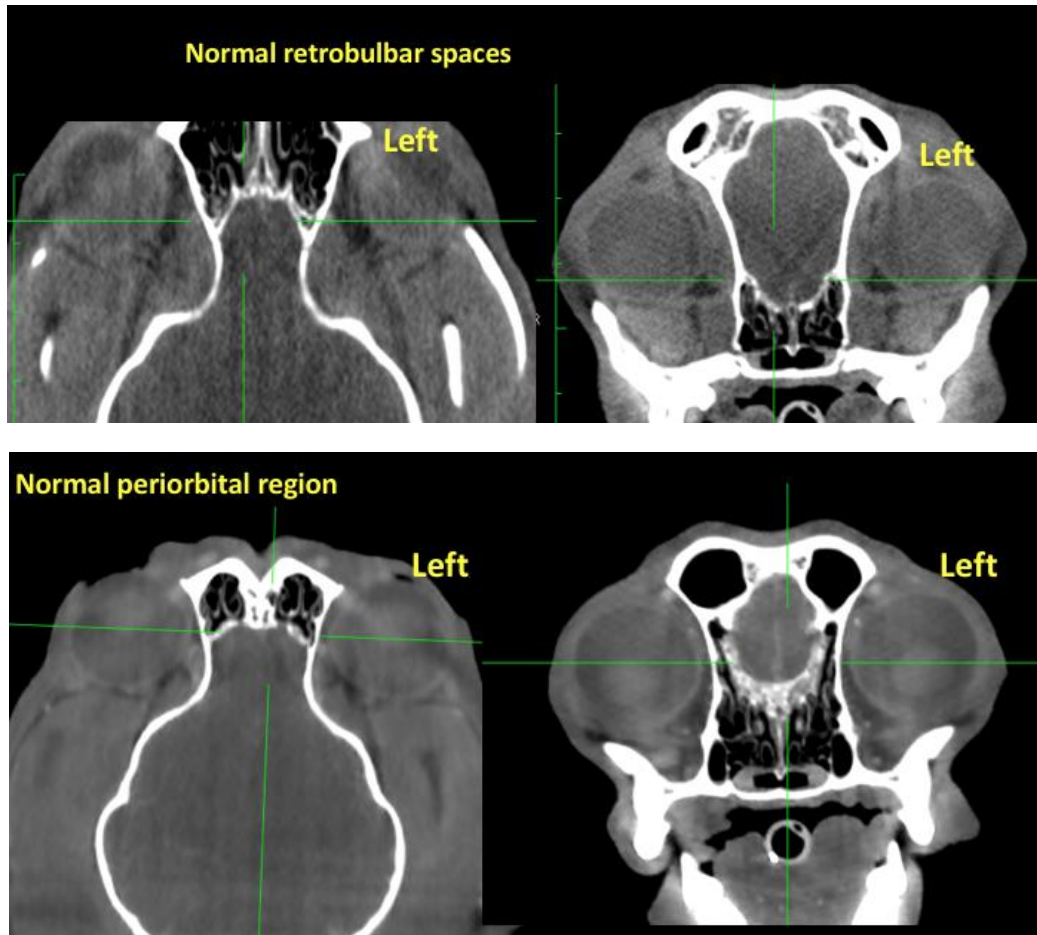
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The widening of the anterior chamber of the left globe could be a consequence of the protruded left eye. No etiological cause of the protruded eye was clearly identified. However, there is no evidence of periorbital changes or retrobulbar mass. Consider, as a next step, an ultrasonographic exam for better measurements, comparison of the globes, and for the possible identification of glaucoma. An ultrasonographic exam is more sensitive to the identification of possible retinal detachment.



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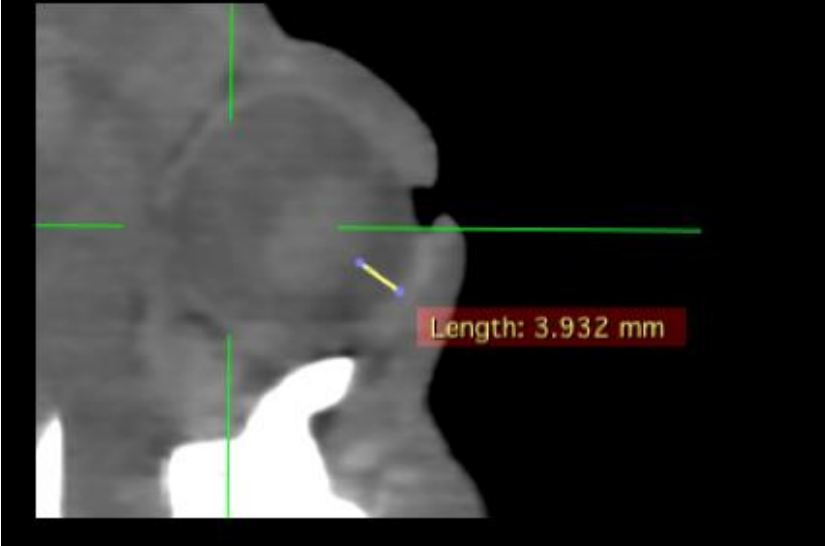
**INVOICE**

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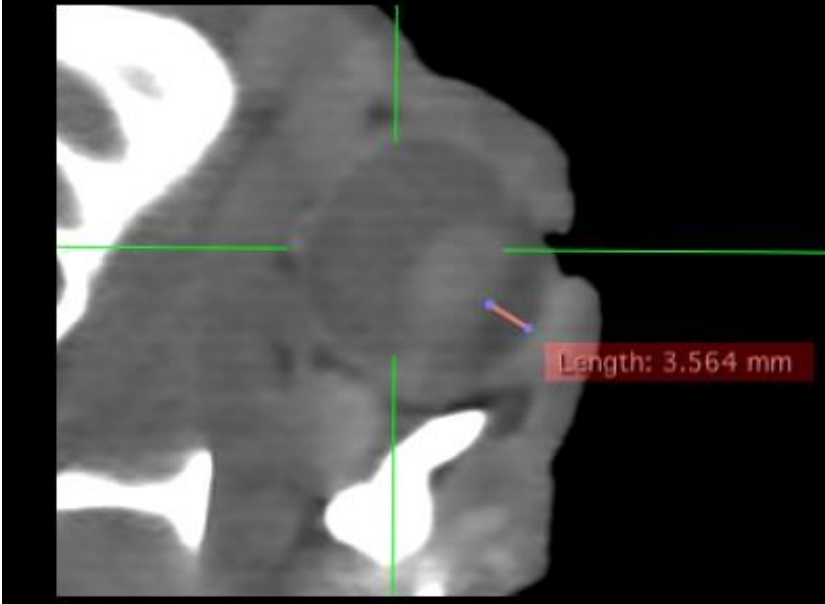
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**Left globe - anterior chamber measurement (slightly > in comparison the contralateral)**



**Right globe - anterior chamber measurement**





**PATIENT**

Macho Poblete

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.

**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.

**Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet**  
info@sonopath.com

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