



**PATIENT**

Nama King

**PRESENTING CLINICAL SIGNS**

Patient not able to close mouth for past 4 days, drooling excessively and struggling to drink water. Patient has on and off cough and chronic ear infections. Valley fever negative. Abnormal PE/Chem/CBC/UA Results: Valley fever negative, total proteins high (8.2 g/dl), and neutrophilia.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Plain and post contrast studies available for review.

**BREED**

Golden Doodle

**COMPUTED TOMOGRAPHIC FINDINGS**

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

**SEX**

Female Spayed

The oval foramen and pathway of the trigeminal nerves present within normal limits. No masticatory muscle atrophy is seen.

**AGE**

4 Years

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

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

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. A mild amount of hypoattenuating material is present medially in the right external auditory meatus. Mild thickening of its epithelial lining is seen.

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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.

The salivary glands present within normal limits.

**REFERRING VET**

Dr. Magnussen

The visible dentition is within normal limits.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Normal CT findings of the skull
- Mild right sided otitis externa.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The negative CT findings support the tentative diagnosis of idiopathic trigeminal neuropathy associated with “drop jaw”. Immune mediated and vector induced trigeminal neuritis are supposed to be the most common causes of clinical trigeminal neuropathy. No evidence of structural lesions or mass effects in the region of the trigeminal nerves was identified on the CT study.

**DATE**

8-18-22



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**BREED**

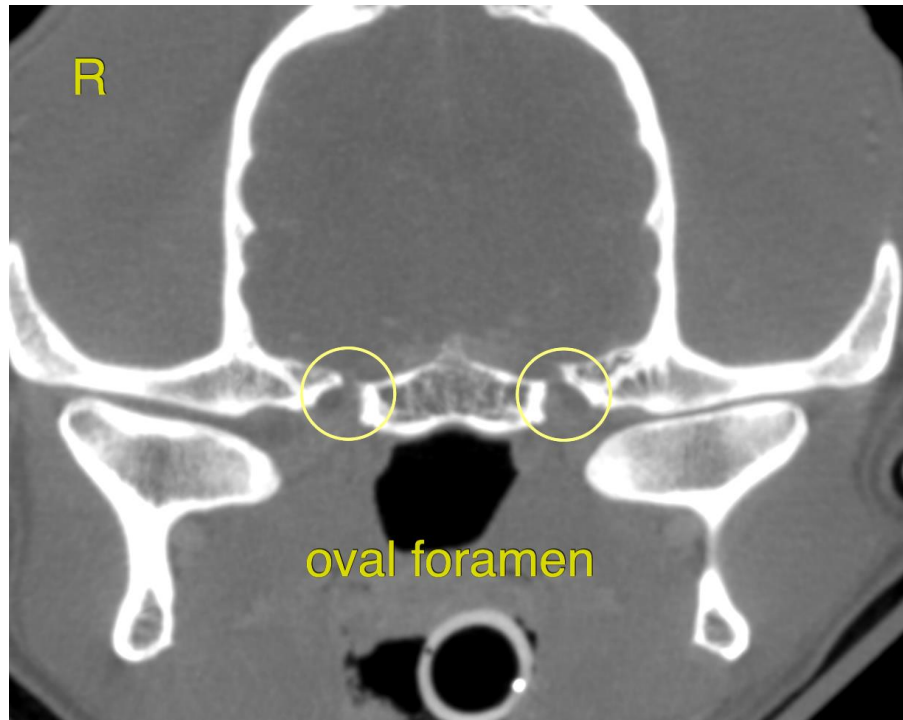
Golden Doodle

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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.

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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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Nele.Eley@sonopath.com

**REFERRING VET**

Dr. Magnussen

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