



**PATIENT**

Juno Schaefer

**PRESENTING CLINICAL SIGNS**

Sudden onset Left side facial palsy in last 48 hours, hesitates going down the stairs at home and loses balance when jumping on the couch. Otherwise BAR, all lab work and rest of physical are WNL. Juno presented with facial palsy that is likely idiopathic. Discussed with Owners re pros and cons of MRI vs CT scan and Owners opted to assess Juno with a CT scan.

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Plain and post contrast studies available for review.

**BREED**

Pitbull

**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. The palpebral fissures of the facial nerves present within normal limits. There is no evidence of a mass effect or other structural change in the brain stem and pons region.

**SEX**

FS

**AGE**

8 Years

No structural abnormality of the osseous cochlea and labyrinthium of the inner ear is seen. Minimal focal mucosal swelling is noted within the right tympanic bulla. Small otoliths, which are an incidental finding, are seen within both tympanic bullae. The external auditory meatuses present within normal limits.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

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

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

**HOSPITAL NAME**

Southern Oregon  
Veterinary Specialty  
Center

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**

Ravi Seshadri DVM,  
DipACVECC

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Structurally normal CT study of the brain, palpebral fissures of the facial nerves, and inner ear.
- Minimal signs of otitis media on the right side, structurally normal middle ear on the left side.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

51458

The negative CT findings support the tentative diagnosis of idiopathic facial neuropathy. No structural changes are seen in the pathway of the facial nerves throughout the brain stem, inner ear, and palpebral fissures.

**DATE**

4-10-22

The inner ear presents within normal limits. The minimal mucosal swelling within the right tympanic bulla may not necessarily be of clinical significance and is considered insignificant in integrating the clinical history of the patient of the left sided facial palsy.



**PATIENT**

Juno Schaefer

**SPECIES**

Canine

**BREED**

Pitbull

**SEX**

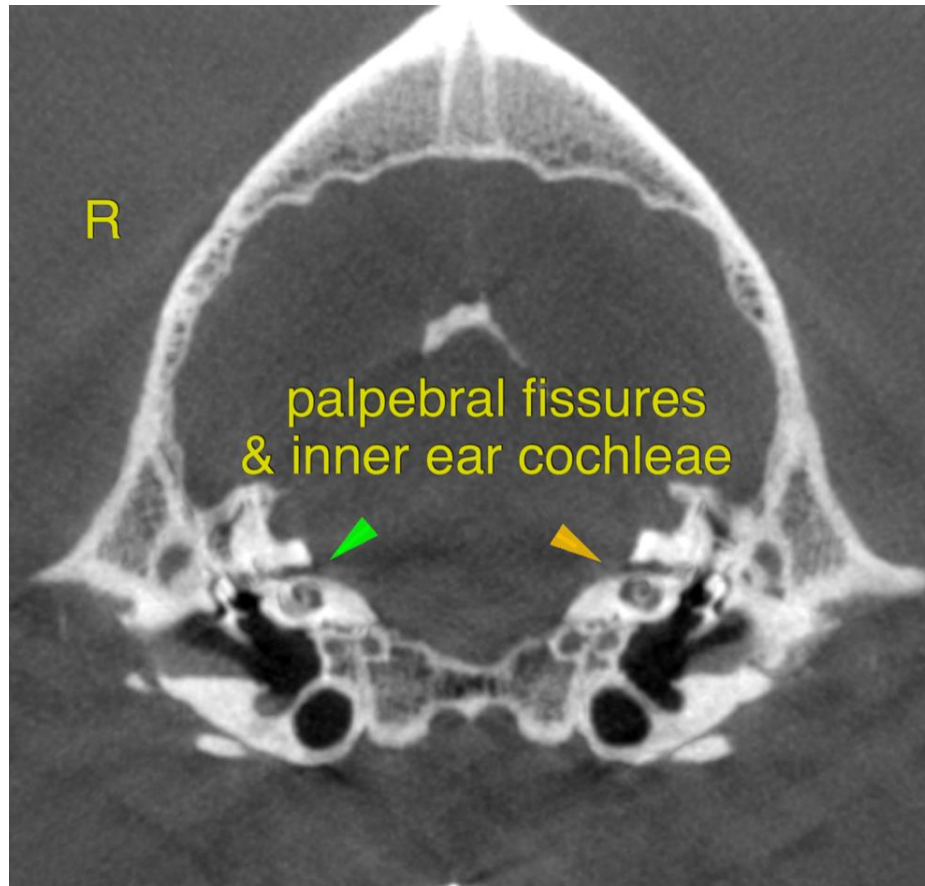
FS

**AGE**

8 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI



**HOSPITAL NAME**

Southern Oregon  
Veterinary Specialty  
Center

**REFERRING VET**

Ravi Seshadri DVM,  
DipACVECC

**INVOICE**

51458

**DATE**

4-10-22

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.

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
Nele.Eley@sonopath.com