



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Rocky Cruz
HISTORY: Presented to neurologist on Jan 26, 2021 with a 3-4 month history of acting not his normal self, including dazing off, looking into space and acting lethargic. These signs are seen constantly at home but have been improved with prednisone, which was started 1 month ago. Diagnosed with right CN VII and VIII dysfunction.

SPECIES

SPECIES Canine
ABNORMAL PE/CHEM/CBC/UA RESULTS: Slight right sided head tilt. Right sided facial paralysis (droopy lip, absent blink), muscle atrophy

BREED COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

BREED Retriever Mix
CT STUDY: A high resolution pre- and post-contrast CT study of the skull is provided for review.

SEX COMPUTED TOMOGRAPHIC FINDINGS

SEX Neutered Male
FINDINGS: The pictured parts of the dentition are complete and unremarkable in all jaw quadrants. The volume of the caudal segment of the right digastric muscle is moderately to markedly decreased.

AGE 6 Years
FINDINGS: The nasal cavity presents the expected aerated spaces between thin and even conchae and turbinates with smooth mucosal lining.

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

INTERPRETED BY

INTERPRETER: Sebastian Schaub, DVM Dr. med. vet. DipECVDI
FINDINGS: 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.

HOSPITAL NAME

HOSPITAL: Mobile Pet Imaging CFL
FINDINGS: 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. In comparison to the contralateral site, a moderate widening of the internal acoustic meatus is visible, measuring 4.3 mm in height in comparison to 2.3 mm of the left porus acusticus internus.

REFERRING VET

REFERRING VET: Meaux
FINDINGS: 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.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- INVOICE** 12776
- Pressure atrophy right porus acusticus internus
 - Neurogenic muscle atrophy caudal segment right digastric muscle – segment is innervated by facial nerve

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

8/26/21



PATIENT

Rocky Cruz

The segmental muscle atrophy of the right digastric muscle is fitting the history of right sided facial nerve palsy, and there is evidence of moderate widening of the right porus acusticus internus. The latter finding is likely a sequela to pressure atrophy. Although no contrast enhancing lesion is visible in the respective region, the odds for a space occupying lesion within the porus acusticus internus are high. Differentials include peripheral malignant nerve sheath tumor such as acoustic neurinoma or meningeal mass (e.g. meningioma). MRI can be used as an advanced imaging modality for further workup.

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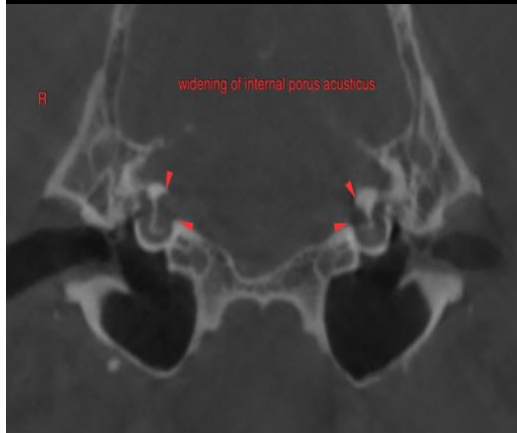
Sebastian Schaub,
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DipECVDI

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CFL

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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.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if

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PATIENT I can be of any further assistance please contact me.

Rocky Cruz **Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

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