



PATIENT PRESENTING CLINICAL SIGNS

Bentley Buitrago History: Left temporal muscle wasting and decrease neuro function. Ophthalmologist recommended performing advanced diagnostics. Pet is visual but no PLR noted.

SPECIES Abnormal PE/Chem/CBC/UA Results: Absent menace OS, muscle atrophy left temporal, mild left-sided head tilt that worsen post-anesthesia but once the patient fully recovered was back to initial mild left-sided head tilt. Radiology report attached (Hx is confusing because it mentioned Right eye swelling).
Canine

BREED COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

Chihuahua A high resolution pre- and post-contrast CT study of the skull is provided for review.

SEX COMPUTED TOMOGRAPHIC FINDINGS

Intact Male The tooth elements 106, 206, 306, 311 and 411 are absent.

The volume of the left masticatory muscles is moderately to markedly decreased.

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

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

INTERPRETED BY

Sebastian Schaub, DVM Dr. med. vet. DipECVDI 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.

The ocular bulbs present with the expected shape, size and organ architecture. The ocular lens bilaterally is in situ.

HOSPITAL NAME

Mobile Pet Imaging 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.

REFERRING VET

Meaux Post contrast administration an increased volume of the contrast enhancing tissue level with the left trigeminal nerve in comparison to the contra lateral side is visible, measuring 3.2 mm on the left side and 1.3 mm on the right side at the same level (caudal to the round foramen).

INVOICE 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.
13578

COMPUTED TOMOGRAPHIC DIAGNOSIS

DATE

10/6/21



PATIENT

Bentley Buitrago

- Suspect segmental neuropathy of the left trigeminal nerve
- Neruogenic muscle atrophy left masticatory muscles
- Multiple absent teeth, see above

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

The potential thickening of the trigeminal nerve is concerning for neuritis or peripheral malignant nerve sheath tumor. If not done so yet, complementing workup by CSF tap is recommended. The finding is a plausible explanation for the muscle atrophy left masticatory musculature. An MRI study of the brain can be considered as advanced imaging modality, to confirm the diagnosis and evaluation extend of neuropathy of the trigeminal nerve.

BREED

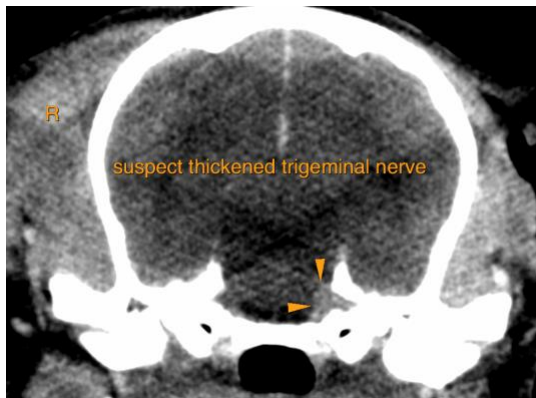
Chihuahua

SEX

Intact Male

AGE

7 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. 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

Mobile Pet Imaging

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REFERRING VET

Meaux

INVOICE

13578

DATE

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