



PATIENT PRESENTING CLINICAL SIGNS

Biski Chugh History: Biski, a 2-year-old, FS Labrador Retriever, presented to the AHP Neurology Service on January 20, 2023 for evaluation of Depression on the skull after hit by car.

SPECIES MAGNETIC RESONANCE IMAGING OF THE SKULL

Canine T2 weighted, FLAIR, SWI, diffusion weighted, T1 pre- and post-gadolinium sequence in multiple imaging planes are provided for review.

BREED MAGNETIC RESONANCE IMAGING FINDINGS

Labrador Retriever The brain presents the expected anatomy and bilateral symmetry with normal signal intensity and contrast enhancement. There is no evidence of abnormal meningeal enhancement.

SEX The ventricular system presents the expected dimensions, morphology and the CSF signal is within normal limits in all sequences.

Neutered Male

The trigeminal nerve is symmetric. The appreciated most proximal segment of the mandibular nerve bilaterally appears unremarkable.

AGE

2

The left tympanic bulla is filled with in fluid sensitive sequences hyperintense material.

The volume of the left masticatory muscles is moderately decreased. The masticatory musculature/soft tissues along the region of the left temporomandibular joint and retropharyngeal region is T2 diffuse mild hyperintense with a mild diffuse contrast enhancement pattern.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Neurogenic muscle atrophy left masticatory muscles
- Left sided otitis media
- Normal brain

HOSPITAL NAME

Animal Health
Partners

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The clinically appreciated depression of the skull is caused by neurogenic muscle atrophy of the left masticatory musculature. Given the history of trauma, I suspect traumatic damage of the mandibular nerve after leaving the oval foramen – the intracranial segment of the trigeminal nerve presents without abnormalities. The left sided otitis media is considered as a sequela to the loss of function of the left mandibular nerve, innervating the tensor veli palatini muscle. Electrodiagnostic testing can be used to confirm the diagnosis.

REFERRING VET

Dr. Alison Little

INVOICE

20704

DATE

1/20/23



PATIENT

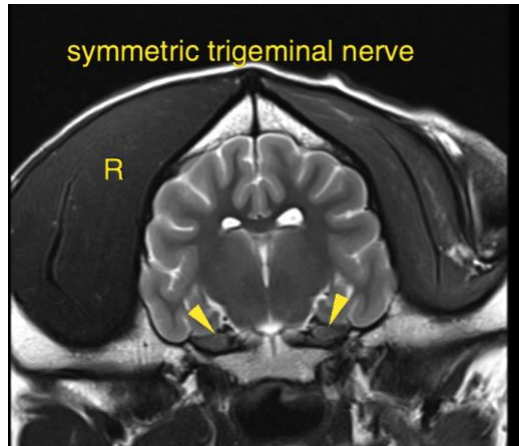
Biski Chugh

SPECIES

Canine

BREED

Labrador Retriever



SEX

Neutered Male

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.

AGE

2

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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