



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Buster Brown Morrow  
**SPECIES** Canine  
**PRESENTING CLINICAL SIGNS** History: 1-month MRI follow up. CSF analysis was normal 1 month ago. Initially presented for several months possible changes in behavior. Mild cervical pain and subtle deficits on the right thoracic limb. Normal neurological examination otherwise. Previous MRI suggesting neoplastic process with plaque like pachymeningeal thickening level with the origin of the right trigeminal nerve and level with C2, T2&STIR hyperintense signal vertebral body C7 with mild contrast enhancement, and mild age-related atrophy of the brain.

**MAGNETIC RESONANCE IMAGING OF THE SKULL**

**BREED** Shih Tzu  
**MAGNETIC RESONANCE IMAGING OF THE SKULL** T2 weighted, SWI, FLAIR, diffusion weighted, T1 pre- and post-gadolinium sequence in multiple imaging planes are provided for review.

**MAGNETIC RESONANCE IMAGING FINDINGS**

**SEX** Neutered Male  
**MAGNETIC RESONANCE IMAGING FINDINGS** The moderate plaque like thickening of the meninges level with the origin of the right trigeminal nerve from the lateral aspect of the pons and the mild mass effect on the mesencephalon are stationary in comparison to the preceding MR study.

**AGE** 13 Years  
**MAGNETIC RESONANCE IMAGING FINDINGS** Stationary segmental thickening of the dural lining level with C2 in the ventral aspect the vertebral canal, extending up into the right neuroforamen C2/C3.

**MAGNETIC RESONANCE IMAGING FINDINGS** The vertebral body of C7 presents a diffuse T2 and T1 hyperintense signal – not suppressed in the fat-suppressed sequences – no overt contrast enhancement is appreciated in the current MR study.

**INTERPRETED BY**

**INTERPRETED BY** Sebastian Schaub, DVM Dr. med. vet. DipECVDI  
**MAGNETIC RESONANCE IMAGING FINDINGS** The sulci of the brain are prominent, and the volume of the gyri is mildly decreased. The ventricular system presents the expected dimensions, morphology and the CSF signal is within normal limits in all sequences.

**HOSPITAL NAME**

Animal Health Partners

**MAGNETIC RESONANCE IMAGING DIAGNOSIS**

- Stationary plaque like pachymeningeal thickening level with the origin of the right trigeminal nerve and level with C2
- T2&STIR hyperintense signal vertebral body C7, no contrast enhancement is appreciated in the current MR study

**REFERRING VET**

Dr. Edouard Marchal

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

16746

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS** In summary the findings are stationary in comparison to the preceding MR study of the brain & cervical spine, but the lack of contrast enhancement of the vertebral body of C7. As there is no overt increase in size, differentials list for potential neoplasia should be extended by multiple meningiomas.

**DATE**

7//21/22



**PATIENT**

Granulomatous meningitis is a consideration as well but would have expected signs for inflammation in the CSF tap.

Buster Brown Morrow

**SPECIES**

Canine

**BREED**

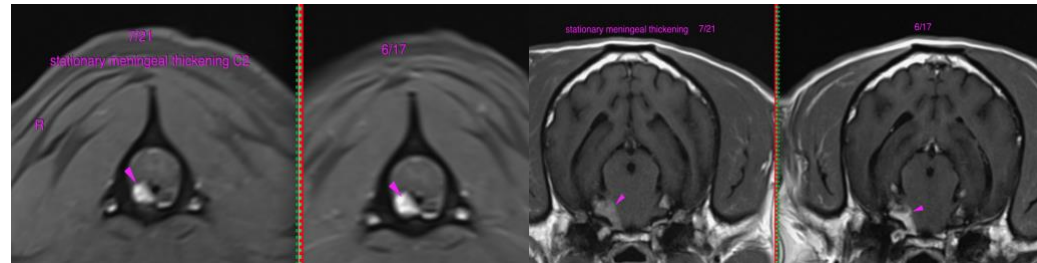
Shih Tzu

**SEX**

Neutered Male

**AGE**

13 Years



**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.

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

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

**HOSPITAL NAME**

Animal Health  
Partners

**REFERRING VET**

Dr. Edouard Marchal

**INVOICE**

16746

**DATE**

7//21/22