



NATIONALRad

SPECIALISTS IN DIAGNOSTIC IMAGING

MRI CASE STUDY BRAIN WITH & WITHOUT CONTRAST

This case study is based on an actual diagnostic interpretation generated by a NationalRad board certified neuro (CAQ) radiologist.

CLINICAL INFORMATION:

Paresthesias with tingling, numbness and shooting pain in the back of the head.

COMPARISON:

None.

CONTRAST:

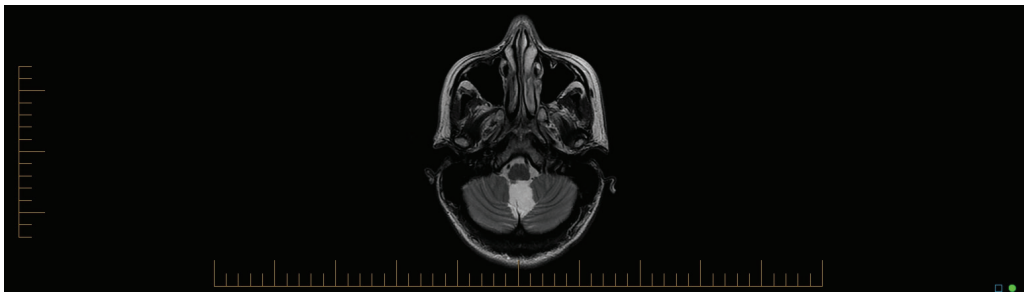
10 cc of ProHance administered.

TECHNIQUE:

FLAIR sagittal, gradient echo, T2, FLAIR and diffusion axial plus T1 axial and sagittal with and without contrast, as well as T1 coronal post infusion.

IMPRESSION:

1. Inferior to the fourth ventricle, posterior to the brainstem and inferior to the cerebellar vermis, there is a 2.8 x 2.6 x 2.4 cm lesion with signal consistent with CSF on all sequences, except slightly higher than CSF on FLAIR and showing restricted diffusion on diffusion weighted imaging. This most likely represents an epidermoid cyst.
2. There are approximately 10 punctate periventricular white matter lesions which are nonspecific but most likely represent mild small vessel ischemic disease, migraine angiopathy and / or posttraumatic lesions.



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