

## Medical Imaging Report

### MRI MS BRAIN-C-SPINE-GAD

**Observation DateTime :** March 05, 2022

**Status:** F

**Summary Data :**

FinalRept  
\*\*\*Final Report\*\*\*

EXAM DATE: Mar 5 2022 10:53AM

(MRI) MS BRAIN/C  
-SPINE GAD Accession: 11244542

**REPORT:**

**CLINICAL HISTORY:**  
Presentation of left-sided weakness and diplopia? MS

**TECHNIQUE:**  
MRI of the brain and cervical spine was performed without and with gadolinium.

**COMPARISON:**  
Recent MRI of March 4, 2022.

**FINDINGS:**  
Redemonstration of the multiple T2/FLAIR hyperintense plaques of demyelination in the periventricular, deep, subcortical and juxtacortical white matter of both cerebral hemispheres. There is evidence of confluence in the posterior periventricular white matter, the splenium of the corpus callosum and in the right corona radiata. Demyelinating lesions are also seen again in the hypothalamus on the right, the brainstem (including one in the left periaqueductal gray matter and the posterior paramedian aspect of the left hemipons -region of the MLF), middle cerebellar peduncles and both cerebellar hemispheres.

Following contrast administration, most of the supratentorial and few infratentorial lesions demonstrate peripheral enhancement (complete and open ring type), in keeping with active disease process. There is no mass effect

exerted by these lesions. No midline shift or hydrocephalus is seen.

There is redemonstration of the multiple foci of demyelination in the cervical cord. Most of these demonstrate contrast enhancement. There is no cord swelling. There is no cervical spinal canal stenosis or evidence of cord compression.

IMPRESSION:

Redemonstration of the demyelinating lesions in the brain parenchyma and the cervical cord, most of which demonstrate contrast enhancement in keeping with active demyelinating disease/multiple sclerosis.

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