GROSSMONT HOSPITAL - SHARP HEALTHCARE
LA MESA, CALIFORNIA 91942
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R A D I O L O G Y C O N S U L T A T I O N

NAME: TILARO, BRIAN J
MRN: 000582830 DOB: 11/05/1962
VISIT #: 80646882 SHC#:101808207
ACC #: 302708147 SITE: BP
EXAM: MRI BRAIN/HEAD W/WO 70553

COMPLETED: 12/11/2006 1355 BROS
PRINTED: 12/18/2006 1336
ADM MD: BRAD KESLING
ORD MD: BRAD KESLING
CONTRAST: MAGNA DOSE: 35

gad lt. ac
CPT-4 CODE(S): 70553
HISTORY: MULTIPLE SCEROSIS

REASON FOR EXAM: Multiple sclerosis.

TECHNIQUE: The following sequences of the brain were obtained on the high-field echoplanar 1.5 Tesla magnet: Axial T1 weighted, sagittal T1 weighted, axial fast spin-echo T2 weighted, axial FLAIR, axial diffusion weighted. 15 mL of gadolinium was injected intravenously and repeat axial and coronal T1 postcontrast images were obtained. Double dose of gadolinium contrast was administered to enhance lesion conspicuity.

FINDINGS: The patient has extensive periventricular deep white matter signal abnormalities. Many of these are oriented perpendicular to the corpus callosum in a typical distribution of multiple sclerosis. Additionally, the patient has focal areas of encephalomalacia in the periventricular deep white matter. After the administration of contrast, there is enhancement most prominently in a lesion in the left frontal lobe. The cerebellum is not involved and the brain stem appears normal.

The basilar cisterns are patent. Flow voids remain within all major cerebral vessels. Diffusion weighted imaging demonstrates several focal areas of mild restricted diffusion corresponding to the areas of T2 signal abnormality.

IMPRESSION:

Extensive T2 hyperintensities in a pattern consistent with clinical diagnosis of multiple sclerosis.

JOB# 10543153

Dictated by: TROUT, TERE E , M.D.
Transcribed on: 12/12/2006 0718 by Laura Gatlin
Finalized on: 12/12/2006 0824 by Harry Ellison
Authenticated on: 12/13/2006 0813 by Tere E Trout

TO: BRAD KESLING
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Attn: Dr - Bradley

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NAME: TILARO, BRIAN J
MRN: 000582830 DOB: 11/05/1962
VISIT #: 80646882 SHC#:101808207
ACC #: 302708148 SITE: BP
EXAM: MR CERV SPINE W/WO CONT 72156

COMPLETED: 12/11/2006 1500 BROS
PRINTED: 12/18/2006 1336
ADM MD: BRAD KESLING
ORD MD: BRAD KESLING

CONTRAST: MAGNA DOSE: 35m

th brain
CPT-4 CODE(S): 72156
HISTORY: MULTIPLE SCEROSIS

REASON FOR EXAM: Multiple sclerosis.

TECHNIQUE: The following sequences of the cervical spine were obtained on a 1.5 Tesla high field echoplanar magnet: Sagittal T1 weighted, sagittal fast spin-echo T2 weighted, axial gradient recall and axial fast spin-echo T2 weighted. Gadolinium was administered and post-gadolinium T1 sagittal images obtained.

FINDINGS: The patient has several focal areas of T2 signal abnormality within the cervical cord. The first of these is located posterior to the C3 vertebral body. The second is located just posterior to the C3-C4 interspace. The findings are consistent with plaque from its known clinical diagnosis of multiple sclerosis. These lesions within the cervical cord do not enhance appreciably.

The extraaxial space remains unremarkable. Vertebral body alignment is anatomic and bone marrow signal is preserved.

IMPRESSION:

Two focal discrete areas of demyelination of the cervical cord as discussed above.

JOB# 10543157

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