

**MRI BRAIN FIDUCIALS W/O CONTRAST**

Status: Final result

**PACS Images**Show images for MRI BRAIN FIDUCIALS W/O CONTRAST**Entry Date**

10/12/2012

**Result Narrative**

CEDARS-SINAI MEDICAL IMAGING GROUP (310) 423-8000  
OUTPATIENT RADIOLOGY REPORT

Verified

Ordering Physician: MRN #: Patient Name:  
CHIRAG PATIL,

QuadRIS Order #: Location: Date of Birth:  
8NE-8021-01

MRN#:

ORDER#:

MRI BRAIN FIDUCIAL 10/10/2012

HISTORY: The patient is a 29-year-old female with clinical indication of right frontal recurrent GBM.

TECHNIQUE: Multiple MRI images were obtained with the following sequences: Sagittal T1, sagittal FLAIR, axial diffusion, axial diffusion ADC, axial T2 FLAIR, axial T1 precontrast, axial T1 postcontrast, axial T2, coronal MPR, and sagittal MPR. Perfusion images were also obtained.

COMPARISON: Compared to an exam performed on 04/26/2012.

FINDINGS: There are postoperative changes from a prior right side craniotomy. Again noted is a surgical bed within the right frontal lobe adjacent to the superior temporal sulcus. There is an area of nodular contrast enhancement along the most inferior aspect of the surgical bed measuring approximately 8 x 8 mm. This is best seen on series 12 image 112. There is a separate area of nodular faint contrast enhancement along the posterolateral aspect of the surgical bed best seen on series 12 image 124. There is a small amount of adjacent T2/FLAIR signal that extends more medial and superiorly by approximately 1 cm. This has decreased compared to the prior examination. There are no other masses noted. There are no areas

of acute hemorrhage. The ventricles and sulci are appropriate for the patient's age. Fiducial markers are present. There are no areas of restricted diffusion to suggest an acute or subacute infarction. Good flow voids are visualized within the major intracranial vessels on T2 spin echo sequences. The sellar and suprasellar structures are unremarkable. The posterior fossa structures including the brainstem and cerebellum are unremarkable.

On perfusion images the area of nodular contrast enhancement is too small to be definitively visualized.

IMPRESSION: Postoperative changes from a partial right frontal

lobe

resection with an area of nodular contrast enhancement within the inferior aspect of the surgical bed suspicious for recurrent GBM.

JA:MEDQ/534082767 D: 10/11/2012 11:06:19 T: 10/11/2012 11:28:58  
JOB#: 461925

Reviewed and Interpreted by:

MARCEL MAYA, MD / JOSHUA ALBREKTSON,  
Imaging Physician

Electronically verified by: MARCEL MAYA, MD  
CSN#

29116337226

Result ID: 5176672

## Imaging

MRI BRAIN FIDUCIALS W/O CONTRAST

on 10/9/12 - Imaging Information

## Result History

MRI BRAIN FIDUCIALS W/O CONTRAST

on 10/12/12 - Order Result History Report

## Electronically Signed By

Signed	Datetime/Time	Phone	Pager
MAYA, MENAHEM M	10/12/2012 06:54	310-423-2468	

## Exam Information

Status	Exam Begun	Exam Ended
Final [99]	10/10/2012 11:55	10/10/2012 19:36

## External Results Report

Open External Results Report

## Order

**MRI BRAIN FIDUCIALS W/O CONTRAST [IMG1811] (Order**

## Order Information

Date and Time	Department	Released By	Authorizing
10/10/2012 7:36 PM	S.Mark Taper Foundation Imaging Center	Auto-released	Patil, Chirag G, MD

## Order Providers