

## MRI BRAIN WO/W CONTRAST WITH FIDUCIAL MARKERS

Status: Final result

### PACS Images

Show images for MRI BRAIN WO/W CONTRAST WITH FIDUCIAL MARKERS

### Entry Date

1/20/2014

### Result Narrative

MRI BRAIN WITH AND WITHOUT CONTRAST WITH FIDUCIAL MARKERS 01/19/2014

COMPARISON: 01/08/2014 and 10/29/2013.

CLINICAL INDICATION: 30-year-old woman presents with recurrent right frontal glioblastoma. Patient presents for preoperative planning MRI with fiducial markers.

TECHNIQUE: Multiplanar, multisequence MR imaging is performed of the brain before and after the uneventful intravenous administration of gadolinium-based contrast material. Postcontrast DSC perfusion sequences are also obtained.

FINDINGS: Enlarging right frontal mass with markedly increased vasogenic edema and macrolobulated contour with peripheral solid and rim like enhancement and central cystic degeneration/necrosis with fluid-fluid levels and areas of internal hemorrhage are unchanged compared with most recent study but are mildly increased compared with most recent study and markedly increased compared with 10/29/2013. On sagittal postcontrast sequence, the area of enhancement along the anterior margin of the resection cavity/cystic portion of the mass measures 32 x 11 mm (12-45), previously 24 x 8 mm. The anterior margin of the resection cavity. Shows elevated relative cerebral blood volume, corresponding with the enhancing portions of the mass. Extensive right frontoparietal craniotomy postop changes are again seen.

No acute intracranial hemorrhage, or infarction. Midline remains slightly deviated toward the left. Basal cisterns are patent. Orbits, major intracranial vascular flow voids, midline structures are otherwise maintained.

### Result Impression

Right frontal high-grade tumor with edema and slight leftward midline shift. Slightly increased area of enhancement even compared with prior study 12 days ago. Fiducial markers are in place for preoperative planning.

Reviewed and interpreted by: Ryan Vancura, MD / Menahem Marcel Maya, M.D.

RV:MEDQ/596190115 D: 01/20/2014 13:30:07 T: 01/20/2014 13:44:54 JOB#: 532076

**Other Scans - MRI BRAIN WO/W CONTRAST WITH FIDUCIAL MARKERS**

Scan on 1/13/2014 2:25 PM by Fields, Alisha : order

**Imaging**MRI BRAIN WO/W CONTRAST WITH FIDUCIAL MARKERS (Order# Information

on 1/19/14 - Imaging

**Result History**MRI BRAIN WO/W CONTRAST WITH FIDUCIAL MARKERS (Order # History Report

on 1/20/14 - Order Result

**Electronically Signed By**

Signed	Datetime/Time	Phone	Pager
MAYA, MENAHEM M	1/20/2014 16:46	310-423-2468	

**Exam Information**

Status	Exam Begun	Exam Ended
Final [99]	1/19/2014 16:13	1/19/2014 17:47

**External Results Report**Open External Results Report**Order** MRI BRAIN WO/W CONTRAST WITH FIDUCIAL MARKERS [IMG3215] (Order**Order Information**

Date and Time	Department	Released By	Authorizing
1/19/2014 3:16 PM	S.Mark Taper Foundation Imaging Center	Ruiz, Ingrid	Patil, Chirag G, MD

**Order Providers**

Authorizing	Encounter
Patil, Chirag G	3, Mri Taper

**Order Details**

Frequency	Duration	Priority	Order Class
None	1 occurrence	Routine	Ancillary Performed

**Start Date/Time**Start Date  
01/19/14**Original Order**

Ordered On	Ordered By
Mon Jan 13, 2014 2:23 PM	Fields, Alisha

**Order Questions**

Question	Answer	Comment
Wet Read? Note: CSHS IMAGING QUESTION	No	
Reason for Exam	recurrent rt frontal gbm	

**Additional Information**

Associated Reports	External References
<u>View Encounter</u>	<u>Imaging Prep Instructions</u>

Priority and Order Details  
Collection Information.

**Lab IDs**

Specimen #

**Patient Images**

[Show images for MRI BRAIN WO/W CONTRAST140258844](#)  
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[Show images for WET READ - IMAGING DEPARTMENTDI8790807](#)  
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[Show images for XRAY CHEST 1 VIEW FRONTAL PORTABLE09566625](#)

#### **Patient Images**

[Show images for](#)

Code	Linked Chargeable Procedure
70553	PR MRI BRAIN COMBO
70553	HB MRI HEAD/BRAIN WO/W CONT
80016458	HB STATISTIC RADIANT EAP

#### **Study Result**

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**Result History**

MRI BRAIN WOW CONTRAST WITH FIDUCIAL MARKERS (Order  
History Report.

on 1/20/14 - Order Result

Taper Imaging Reprint

CSMG In-House Imaging Reprint

CSHS AMB General Imaging Reprint