

CT BRAIN WO CONTRAST

Status: Final result

PACS Images

Show images for CT BRAIN WO CONTRAST

Entry Date

4/27/2012

Result Narrative

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

Verified

Ordering Physician: MRN #: Patient Name:
MONTESSA TENNY,

QuadRIS Order #: Location: 8S2201 Date of Birth:

CT OF THE BRAIN WITHOUT CONTRAST 04/25/2012 AT 0643 HOURS

CLINICAL INDICATION: Focal neuro deficit.

TECHNICAL FACTORS: Noncontrast axial images.

RADIATION DOSAGE: DLP: 713 mGy-cm

FINDINGS: A cystic mass measuring 4.3 cm is present in the right superior frontal lobe, with extensive surrounding vasogenic edema. There is midline shift to the left of approximately 6.6 mm. The right lateral ventricle is quite compressed, and the left is not distended.

The quadrigeminal plate cistern is minimally visible, indicating increased intracranial pressure.

Crowding of the structures in the posterior fossa suggests tonsillar herniation.

IMPRESSION: Large right frontal mass, increased intracranial pressure, midline shift to the left, tonsillar and temporal lobe herniation.

BDP:MEDQ/511588115 D: 04/27/2012 08:26:09 T: 04/27/2012 08:55:40
JOB#: 231849

Reviewed and Interpreted by:

BARRY D. PRESSMAN, MD /
Imaging Physician

Electronically verified by: BARRY D. PRESSMAN, MD

CSN#

29114770043

Result ID: 4957348

Imaging

CT BRAIN WO CONTRAST (Order

n 4/25/12 - Imaging Information

Result History

CT BRAIN WO CONTRAST (Order #1

on 4/27/12 - Order Result History Report

Electronically Signed By

Signed	Datetime/Time	Phone	Pager
PRESSMAN, BARRY D	4/27/2012 10:42	310-423-3048	

Exam Information

Status	Exam Begun	Exam Ended
Final [99]	4/25/2012 06:23	4/25/2012 06:50

External Results Report

Open External Results Report

Order

CT BRAIN WO CONTRAST [IMG1228]

Order Information

Date and Time	Department	Released By	Authorizing
4/25/2012 6:27 AM	8-NE	Auto-released	Edwards, Montessa L, MD

Order Providers

Authorizing	Billing
Edwards, Montessa L	Pressman, Barry D

Order Details

Frequency	Duration	Priority	Order Class
ONCE	1 occurrence	STAT	Normal

Start Date/Time

Start Date	Start Time
04/25/12	0623

Original Order

Ordered On	Ordered By
Wed Apr 25, 2012 6:23 AM	Cshs Interface, Rad_In

Additional Information

[Associated Reports](#)
[View Encounter](#)
[Priority and Order Details](#)
[Collection Information](#)

Lab IDs

MRI BRAIN FIDUCIALS W/O CONTRAST

Status: Final result

PACS ImagesShow 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

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

ImagingMRI BRAIN WO/W CONTRAST WITH FIDUCIAL MARKERS (Order# Information

on 1/19/14 - Imaging

Result HistoryMRI 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 ReportOpen 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/TimeStart 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>