

*** Final Report ***

Reason For Exam

Falls/confusion rule out brain mets

MRI Brain w/ + w/o Contrast

EXAMINATION:

MRI OF THE BRAIN WITH AND WITHOUT CONTRAST

CLINICAL HISTORY:

Falls/confusion rule out brain mets

COMPARISON:

TECHNIQUE:

Multiplanar, multisequence MR of the brain was performed without and with intravenous contrast.

FINDINGS:

Cerebral parenchyma:

- * Multiple rim-enhancing lesions in the supratentorial brain parenchyma most compatible with metastasis. Largest of this lesion in the right frontal lobe measures 44 x 36 mm with central area of necrosis smooth enhancing periphery. Moderate perilesional edema seen surrounding this lesion with significant compression of the subjacent brain parenchyma and ipsilateral frontal horn.
- * Subcentimeter size enhancing lesion in the right precentral gyrus, left frontal cortex (series 11 image 17/27, right posterior temporal cortex image 14/27 and right occipital lobe image 13/27).
- * Tiny enhancing lesion in the medial aspect of right occipital cortex series 12 image 96
- * 8 mm ring-enhancing lesion in the superior surface of the right cerebellar hemisphere with surrounding edema.

Ventricles: [The ventricular system and sulci are within normal limits for the patients age.]

Basal Cisterns: [Unremarkable]

Calvarium: [Unremarkable]

Visualized paranasal sinuses/mastoids: [The visualized paranasal sinuses and mastoid air cells are clear.]

IMPRESSION:

1. Multiple enhancing lesions in the supra and infratentorial brain parenchyma compatible with metastasis. Largest necrotic metastasis in the right frontal lobe anteriorly measures 44 x 36 mm with diffuse perilesional edema and significant mass effect on the subjacent

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brain parenchyma.

PA Act 112: This study does not meet the requirements of PA Act 112.

Workstation ID: PSH7SN5054

Signature Line

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IMAGE

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