



Self Referral

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DOB: 05/23/1968
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Referring Phys.: Self Referral

MRI OF THE BRAIN WITHOUT CONTRAST

HISTORY

This is a 54-year-old male with a history of head trauma. The patient has memory loss.

TECHNIQUE

This study was performed at Medical Imaging Center of Southern California, Santa Monica.

Using a 3 Tesla Siemens Verio MRI Open system, the following sequences were obtained:

- 1) Localizer.
- 2) T1-weighted 3D MPRAGE.
- 3) T2 TSE axial.
- 4) 3D double inversion recovery.
- 5) T2 FLAIR sagittal, axial, and coronal.
- 6) DWI axial.
- 7) SWI axial.

FINDINGS

There is a large focal area of encephalomalacia with associated white matter gliosis in the medial frontal lobe on the left. There is considerable volume loss and encephalomalacia, which will be better evaluated on the advanced imaging study Neuroquant report. This likely is an injury of some longstanding.

The remainder of the gray matter, white matter, brainstem, and cerebellum are normal.

There is mucoperiosteal thickening and opacification of the right anterior ethmoidal air cells.

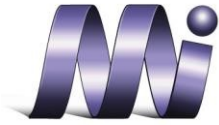
The extracranial soft tissues, sinuses, and skull base structures are otherwise normal.

IMPRESSION

- 1. Significant left frontal encephalomalacia with gliosis in the deep white matter involving the paramedian frontal lobe.
- 2. There is frontal volume loss, greater on the right than on the left.
- 3. There is opacification of the right frontal ethmoidal sinus.

summary pages





MEDICAL IMAGING

Center of Southern California

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Signed Date: 04/05/2023 05:15 PM



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