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Patient: DOE, JOHN

Exam Date: 06/05/2010

MRN : JD4USARAD

DOB: 01/01/1961

Referring Physician: DR. DAVID LIVESEY

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MRI OF THE BRAIN WITHOUT CONTRAST

HISTORY: Headaches.

SEQUENCES: Sagittal FLAIR and coronal T2-weighted images are supplemented by axial T1, T2, and FLAIR images.

There is diffuse dilatation of sulci and ventricles more than one would expect for a patient of this age group.

There has been extensive tissue loss in the right cerebral hemisphere due to an old insult, presumably an ischemic event. This primarily involves the right temporal/occipital region and is associated with obvious ex vacuo prominence of the right lateral ventricle. There is wallerian degeneration of the corticospinal tracts/cerebral peduncle as further corroboration that this is an old insult.

No previous studies are made available for review.

There are few focal defects identified in the periventricular white matter bilaterally. These are likely due to some superimposed small vessel ischemic change rather than a demyelinating condition. There is no evidence of focal defects identified within the brainstem at any level. The orbits are unremarkable.

IMPRESSION:

1. Extensive tissue loss right temporal/occipital region with ex vacuo prominence of right lateral ventricle and wallerian degeneration of the right cerebral peduncle.
2. Subtle focal defects periventricular white matter probably due to superimposed small vessel ischemic disease.
3. No previous studies are made available for review. At such time that a previous study becomes available, an addendum will be issued.

-Electronically Signed by: RADIOLOGIST, ADMIN on

06/05/2010 3:45:15 PM