

MRI BRAIN REPORT

Patient Name: John Doe

Date of Birth: 1975-04-12

Exam Date: 2025-09-26

Study: MRI Brain with and without contrast

Clinical History: 50-year-old male, presenting with new-onset headaches and intermittent dizziness. Rule out intracranial pathology.

Technique:

Multiplanar, multisequence MRI of the brain was performed before and after intravenous gadolinium contrast administration.

Findings:

- Brain Parenchyma:** Normal gray-white matter differentiation. No acute infarct or hemorrhage identified.
- White Matter:** A few scattered punctate T2/FLAIR hyperintense foci in the periventricular and subcortical white matter, nonspecific, possibly related to chronic microvascular ischemic changes.
- Ventricles and CSF Spaces:** Ventricles are normal in size and configuration. No hydrocephalus. Basal cisterns are patent.
- Mass Lesion:** No enhancing mass or abnormal extra-axial fluid collection.
- Midline Structures:** Midline is intact. Corpus callosum and brainstem are normal in morphology and signal.
- Cerebellum:** Normal appearance.
- Sinuses and Orbits:** Mild mucosal thickening of the left maxillary sinus. Orbits unremarkable.
- Post-contrast:** No abnormal enhancement seen.

Impression:

1. No evidence of acute intracranial abnormality.
2. Scattered nonspecific white matter changes, likely related to chronic small vessel ischemic disease.
3. Mild left maxillary sinus mucosal thickening, may represent sinusitis.