

Medical Image Analysis Report

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Patient Name: Vishma Pasayat

1. Image Type & Region

- **Modality:** MRI (Magnetic Resonance Imaging).
- **Anatomy:** Axial slices of the human brain, from the upper cerebrum down to the level of the orbits/eyes.
- **Quality:** The image quality appears adequate for visual assessment, though the specific sequence (e.g., T1, T2) is not discernible from the image alone.

2. Key Visual Findings

- **Slice 2 (Top Row, Middle):** There's a region of altered signal intensity in the left hemisphere. It appears darker than the surrounding brain tissue.
- **Slice 4 (Bottom Row, Left):** There is a region of increased signal intensity on the left side.

3. General Visual Assessment

The image set displays a series of axial brain scans. One notable finding is a region of altered signal intensity in the left hemisphere in slice 2 and slice 4.

4. Patient-Friendly Explanation

These are pictures of the brain taken with an MRI machine. We can see the brain in slices, from the top down to the eyes. In one of the slices, there is an area on the left side that looks different from the rest of the brain.

5. Research Context