NeuroInsight Hippocampal Analysis Report

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Patient Information

Item	Information
Patient ID	N/A
Patient Name	N/A
Age	N/A
Sex	N/A
Scan Date	2026-01-07
Processed Date	2026-01-07 21:17
Scanner	N/A
Sequence	T1-MPRAGE

Hippocampal Volume

Left Hippocampal Volume	Right Hippocampal Volume
2800.00 mm³	2750.00 mm³

Interpretation

Asymmetry Index	Laterization
0.009 Formula: (L-R)/(L+R)	Balanced (No HS) Thresholds: • Left HS (Right-dominant) if AI < -0.070839747728 • Right HS (Left-dominant) if AI > 0.046915816971 • No HS (Balanced) otherwise.

Coronal Visualizations

The following images show coronal slices with anatomical T1-weighted background and hippocampal segmentation overlays (15% opacity) combined, providing the same visualization as the interactive viewer. Slices 3, 4, 5, and 6 are displayed in a 2x2 grid to provide comprehensive visualization of the hippocampal regions.

Slice 3
Image not available

Slice 4
Image not available

Slice 5
Image not available

Slice 6
Image not available

Figure: Coronal slices 3, 4 (top row) and 5, 6 (bottom row) showing T1-weighted anatomical images with hippocampal segmentation overlays at 15% opacity. All segmented hippocampal structures are highlighted in unified NeuroInsight blue (#003d7a).