

cMRI: Dementia Report

Dementia Report

Name
Dominic Alzheimer

Personal ID
DEMO-AD

Date of Birth
1947-07-01

Sex
Male

Study date
2019-04-30

T1: Approved

FLAIR: Approved

Volumes (Percentiles)	Total [ml]
Cerebral gray and white matter	977 (≤1st)
Cerebral cortex	517 (≤1st)
Brain tissue WMH	9.7 (83rd)

Volumes (Percentiles)	Right [ml]	Left [ml]
Hippocampus	2.4 (≤1st)	2.1 (≤1st)
Inferior lateral ventricle	1.5 (97th)	1.6 (98th)
Lateral ventricle	31.4 (96th)	34.2 (96th)

Differential scores (Percentiles)	Value
Hippocampal atrophy score - left	4.5 (≥99th)
Hippocampal atrophy score - right	4.1 (≥99th)
Cortical atrophy score	3.3 (≥99th)
Anterior vs. Posterior score	-0.6 (28th)

Hippocampus volume [ml]

Cortical atrophy score

Regions	Right	Left
Frontal lobe	2.6 (≥99th)	3.0 (≥99th)
Temporal lobe	3.1 (≥99th)	3.5 (≥99th)
Parietal lobe	1.8 (96th)	2.4 (≥99th)
Occipital lobe	2.0 (97th)	2.5 (≥99th)

QC

Comparison to cognitively normal people

Link to report: <https://usa-demo.cneuro.com/#/specialist/modules/53/cmri/64>

Report interpretation: <https://www.combinostics.com/reports/dementia>

Combinostics Oy, Hatanpaan valtatie 24, 33100 Tampere, Finland

<https://www.combinostics.com>

cMRI 2.1.0

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- 1 Visual overview: T1 and FLAIR Segmented images.
- 2 **Dementia specific volumes** and their percentiles.
- 3 Comparative percentile curves for Hippocampal volumes.
- 4 Link to report interpretation.
- 5 Add clinic logo or address.
- 6 Patient information and study dates.

- 7 Automatic quality control: T1 and FLAIR images.
- 8 **Dementia specific atrophy scores** and their percentiles.
- 9 Distribution of Cortical Atrophy across the cerebral lobes, quantified for left and right sides.
- 10 Option to open exam in cMRI viewer.