

Open Access Series of Imaging Studies

<https://www.neurodegenerationresearch.eu/cohort/open-access-series-of-imaging-studies/>

Cohort Acronym

Oasis

Cohort type

Neurodegenerative disease-specific cohort

Disease

Dementia (unclassified)

Participant type

Condition diagnosed

Profile

Recruitment Period

Sample size at start or planned sample size if still recruiting

Estimated Current Sample Size

Age at Recruitment >18

Gender Male and Female

Abstract

The Open Access Series of Imaging Studies (OASIS) is a project aimed at making MRI data sets of the brain freely available to the scientific community.

OASIS: Cross-sectional MRI Data in Young, Middle Aged, Nondemented and Demented Older Adults

This set consists of a cross-sectional collection of 416 subjects aged 18 to 96. For each subject, 3 or 4 individual T1-weighted MRI scans obtained in single scan sessions are included. The subjects are all right-handed and include both men and women. 100 of the included subjects over the age of 60 have been clinically diagnosed with very mild to moderate Alzheimer's disease (AD). Additionally, a reliability data set is included containing 20 nondemented subjects imaged on a subsequent visit within 90 days of their initial session.

OASIS: Longitudinal MRI Data in Nondemented and Demented Older Adults

This set consists of a longitudinal collection of 150 subjects aged 60 to 96. Each subject was scanned on two or more visits, separated by at least one year for a total of 373 imaging sessions. For each subject, 3 or 4 individual T1-weighted MRI scans obtained in single scan sessions are included. The subjects are all right-handed and include both men and women. 72 of the subjects were characterized as nondemented throughout the study. 64 of the included subjects were characterized as demented at the time of their initial visits and remained so for subsequent scans, including 51 individuals with mild to moderate Alzheimer's disease. Another 14 subjects were characterized as nondemented at the time of their initial visit and were subsequently characterized as demented at a later visit.

Last Update 21/09/2017

Country USA

Contact details

Institution name Washington University Alzheimer's Disease Research Center

Website <http://www.oasis-brains.org/>

Principal Investigator (PI) Dr. Randy Buckner

Contact email Email: [\[email protected\]](#)

Contact phone number

Funders (Core support)

Variables Collected

Brain related measures:

Behaviour, Cognitive function, Mental health, Neurological

Functional rating:

Individual physiological, Individual psychological

Anthropometric:

N/A

Physical:

N/A

Biological samples:

N/A

Genotyping:

N/A

Brain imaging:

Magnetic resonance imaging (MRI)

Brain banking:

N/A

Lifestyle:

N/A

Socio-economic:

Education, Informal support, Unpaid care

Health service utilisation:

N/A