

Characterization of Predictors of Progressive Progressions of Alzheimer's Disease

<https://neurodegenerationresearch.eu/nb/cohort/characterization-of-predictors-of-progressive-progressions-of-alzheimers-disease/>

Cohort Acronym

rpAD Study

Cohort type

Neurodegenerative disease-specific cohort

Disease

Alzheimer's disease

Participant type

Condition diagnosed

Profile

Recruitment Period 2008 - Present

Sample size at start or planned sample size if still recruiting 300

Estimated Current Sample Size 0 to 4,999

Age at Recruitment 70

Gender Male and Female

Abstract

The rpAD study is a longitudinal study, which recruits patients from the entire federal territory. In addition, patients from the Clinical Dementia Centre are recruited at the Neurological and Psychiatric Clinic of the University Medical Center of G'ttingen, with these usually classical clinical forms being internal controls. The aim of the study is to characterize the biological factors and parameters that define the disease progression in AD.

After the patient is informed and consent is given, the inclusion examination is carried out. It includes a detailed history and anamnesis as well as a physical examination, which includes an in-depth examination of the neurological status. A neuropsychological test for cognitive testing is performed using the CERAD-plus test battery. Furthermore, the GDS score is obtained, which allows an assessment of the severity of the cognitive deficits by means of a 7-stage classification. The ADL score is used to assess the activities of daily life (Lawton and Brody 1969).

Six months after the initial examination, a telephone follow-up is carried out. Further investigations are carried out on an annual basis and correspond to the initial examination.

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Country Germany

Contact details

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Variables Collected

Brain related measures:

Cognitive function, Mental health, Neurological

Functional rating:

Individual physiological, Individual psychological

Anthropometric:

Blood pressure, Height, Weight

Physical:

Cardiovascular

Biological samples:

Blood, Cerebral spinal fluid (CSF), CSF biomarker data available

Genotyping:

Gene screening

Brain imaging:

Electroencephalogram (EEG), Magnetic resonance imaging (MRI), Positron emission tomography (PET) fluorine18 flurodeoxyglucose (FDG)

Brain banking:

Consent for brain donation

Lifestyle:

Alcohol, Dietary habits, Physical activity, Smoking

Socio-economic:

Education, Ethnic group, Family circumstances, Housing and accommodation, Informal support, Marital status, Occupation and employment, Unpaid care

Health service utilisation:

N/A