Amsterdam dementia cohort

https://www.neurodegenerationresearch.eu/cohort/amsterdam-dementia-cohort/

Cohort Acronym

ADC

Cohort type

Neurodegenerative disease-specific cohort

Disease

Alzheimer's disease, Dementia (unclassified), Frontotemporal dementia, Lewy body disease, Mild cognitive impairment (MCI), Other NDs not listed, Prion disease, Subjective memory complaints (SMC) or subjective cognitive decline (SCD), Vascular dementia

Participant type

Condition diagnosed

Profile

Recruitment Period 2004 - present

Sample size at start or planned sample size if still recruiting >6000

Estimated Current Sample Size 5,000 to 9,999

Age at Recruitment >30

Gender Male and Female

Abstract

The ADC was setup in 2004 by including all patients who come to the Alzheimer Center for diagnostic work up and who consent to give all data, collected as part of the routine diagnostic work up, for research. The aim is and was to facilitate research into new and existing biomarkers in the broadest sense, to establish diagnostic, prognostic and theragnostic values and further insight into the pathogenesis of neurodegenerative dementias. The data are collected on a weekly basis and consist of baseline data and annual follow up data. Since it is conception it has grown into one of the largest clinical databases in the dementia field. More info on setup, characteristics and data collection can be found in van der Flier WM, Pijnenburg YA, Prins N, Lemstra AW, Bouwman FH, Teunissen CE, van Berckel BN, Stam CJ, Barkhof F, Visser PJ, van Egmond E, Scheltens P.

Optimizing patient care and research: the Amsterdam Dementia Cohort. J Alzheimers Dis. 2014;41(1):313-27. doi: 10.3233/JAD-132306. PubMed PMID: 24614907.

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Country Netherlands

Contact details

Institution name VU University Medical Center

Website http://www.alzheimercentrum.nl

Principal Investiator (PI) Professor Philip Scheltens

Contact email PI Email:

Variables Collected

Brain related measures:
Behaviour, Cognitive function, Mental health, Neurological
Funtional rating:
Individual physiological, Individual psychological
Anthropometric:
Blood pressure, Height, Hip circumference, Waist circumference, Weight
Physical:
Cardiovascular, Hearing and Vision
Biological samples:
Blood, Cerebral spinal fluid (CSF), CSF biomarker data available, Urine
Genotyping:
Gene screening
Brain imaging:
Electroencephalogram (EEG), Magnetic resonance imaging (MRI), Magnetoencephalography (MEG), Positron emission tomography (PET) - amyloid, Positron emission tomography (PET) fluorine18 flurodeoxyglucose (FDG)
Brain banking:
Consent for brain donation
Lifestyle:
Alcohol
Socio-economic:
Education, Marital status
Health service utilisation:
Formal health and social care service utilisation including private care