

The Vallecas Project – Early detection of Alzheimer’s Disease

<https://www.neurodegenerationresearch.eu/cohort/the-vallecas-project-early-detection-of-alzheimers-disease/>

Cohort Acronym

VP-EDAD

Cohort type

Neurodegenerative disease-specific cohort

Disease

Alzheimer's disease, Dementia (unclassified), Mild cognitive impairment (MCI), Subjective memory complaints (SMC) or subjective cognitive decline (SCD), Vascular dementia

Participant type

At-risk diagnosis

Profile

Recruitment Period 2011

Sample size at start or planned sample size if still recruiting 1169

Estimated Current Sample Size 1169

Age at Recruitment 70-85

Gender Male and Female

Abstract

The Vallecas Project is developed in the Research Unit of the Alzheimer’s Center of the Reina Sofía Foundation by researchers of the CIEN Foundation. Its main objective is to determine a probabilistic algorithm for the identification of individuals at risk of dementia type Alzheimer’s disease (AD) in the course of a few years. This algorithm will be based on the combination of sociodemographic, clinical, neurological, neuropsychological, biological (from blood determinations) and neuroimaging (various 3 Tesla magnetic resonance modalities).

The recruitment phase of the Vallecas Project participants was extended from October 2011 to December 2013. Finally, a total of 1,213 volunteers aged between 70 and 85 and of both sexes were initially evaluated. Once included in the study, it is monitored annually for 5 years in order to assess the evolutionary profile of all participants, specifically identifying those who develop cognitive impairment and / or dementia. The cohort is being followed up annually for 4 years after the baseline.

Country Spain

Contact details

Institution name Alzheimer center Queen Sofia Foundation (CIEN Foundation)

Website <http://www.fundacioncien.es/proyectos-de-investigacion/proyecto-vallecas>

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Contact phone number

Funders (Core support) Queen Sofia Foundation; ISCIII

Variables Collected

Brain related measures:

Behaviour, Cognitive function, Mental health, Neurological

Functional rating:

Individual physiological, Individual psychological

Anthropometric:

Blood pressure, Height, Hip circumference, Waist circumference, Weight

Physical:

Cardiovascular, Hearing and Vision

Biological samples:

Blood

Genotyping:

Gene screening

Brain imaging:

Magnetic resonance imaging (MRI)

Brain banking:

Consent for brain donation

Lifestyle:

Alcohol, Dietary habits, Physical activity, Smoking

Socio-economic:

Education, Ethnic group, Family circumstances, Informal support, Marital status, Occupation and employment

Health service utilisation:

Formal health and social care service utilisation including private care