# Identifying Predictors of dementia with Lewy bodies in People with Mild Cognitive Impairment

https://www.neurodegenerationresearch.eu/cohort/identifying-predictors-of-dementia-with-lewy-bodies-in-people-with-mild-cognitive-impairment/

**Cohort Acronym**
LewyPro

**Cohort type**
Neurodegenerative disease-specific cohort

**Disease**
Alzheimer's disease, Lewy body disease, Mild cognitive impairment (MCI), Subjective memory complaints (SMC) or subjective cognitive decline (SCD)

**Participant type**
Condition diagnosed

**Profile**
Recruitment Period 2005
Sample size at start or planned sample size if still recruiting 194
Estimated Current Sample Size 0 to 4,999
Age at Recruitment >60
Gender Male and Female
Abstract

Dementia with Lewy Bodies (DLB) is the second most common cause of neurodegenerative dementia in older people. The aim of LewyPro is to examine and characterise symptoms and brain changes during the prodromal period of LBD. Earlier diagnosis is important because it facilitates care planning, leads to earlier treatment of cognitive symptoms and enables earlier identification of other symptoms, including parkinsonism.

Lewy Pro is recruiting a group of people with mild cognitive impairment (MCI) and prodromal symptoms suggestive of Dementia with Lewy Bodies (DLB) and following them up annually to assess biomarker changes and clinical course. The initial assessment will include a detailed clinical assessment, a blood sample, a lumbar puncture for cerebrospinal fluid, and a DaTSCAN.

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## Variables Collected

**Brain related measures:**
Behaviour, Cognitive function, Mental health
**Funtional rating:**
Individual physiological, Individual psychological
**Anthropometric:**
Blood pressure, Height, Weight
**Physical:**
Cardiovascular, Hearing and Vision
**Biological samples:**
Blood, Cerebral spinal fluid (CSF), CSF biomarker data available
**Genotyping:**
Gene screening
**Brain imaging:**
Single photon emission computerised tomography (SPECT)
**Brain banking:**
Consent for brain donation
**Lifestyle:**
Alcohol, Smoking
**Socio-economic:**
Education, Family circumstances, Housing and accommodation, Income and finances, Informal support, Occupation and employment
**Health service utilisation:**
N/A