HEREDITARY DEMENTIA CASES

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1 Cohort Description

Age Range: 28-86  
Size N: 211 subjects  
Recruitment: 1996 - ongoing  
Data collection: 1996 - ongoing  
Healthy controls: no  
Only at-risk gene carriers included: 64  
Diseases studied:

- Alzheimer Disease (AD)  
- Mild Cognitive Impairment (MCI)  
- Frontotemporal Dementia (FTD)  
- Lewy Bodies Dementia (DLB)  
- Progressive Supranuclear Palsy (PSP)  
- Corticobasal Degeneration (CBD)

Clinical Evaluation:

- Neuropsychological Assessments (tests performed): Mini Mental State Examination (MMSE), Clinical Dementia Rating (CDR), Verbal Fluency test, Clock drawing test, Token Test, Figure Rey Copy and Recall, test for episodic memory assessment, Digit Span, Spatial Span, Trail Making Test, Raven’s Matrices  
- Behavioural Assessments (tests performed): Neuropsychiatric Inventory (NPI), Geriatric Depression Scale (GDS)  
- Other: IADL, BADL

Imaging and Neurophysiology:

- EEG  
- MRI 1.5 T (no digital data available)  
- MRI 3 T (no digital data available)  
- FDG-PET (no digital data available)

Genotyping:

- GRN, MAPT, C9ORF72, PSEN1, PSEN2, APP (Carriers of pathogenic mutation in GRN, MAPT, C9ORF72, PSEN1, PSEN2, APP)
Digital Data obtained from patients through electronic devices: no

Biological Samples:

- CSF
- DNA (about the 98% of patients)
- Plasma (about the 98% of patients)
- Serum (about the 98% of patients)
- Fibroblasts (about the 14% of patients)
- Lymphocytes (about the 14% of patients)

Data Storage: Microsoft Access