CASE SERIES: CDCD BEHAV NEUROL

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1 Collaborating Centers

- Dementia Research Center Mondino (Stefano Cappa)
- IRCCS Maugeri Pavia (Giuseppe Trifirò)
- Nuclear Medicine

2 Case Series Description

Age Range: 45-85
Size N: 100 subjects
Recruitment: 3 years
Data collection: 5 years
Healthy controls: yes
Only at-risk gene carriers included: no
Diseases studied:

- Alzheimer Disease (AD) n: 40
- Subjective Cognitive Complaints (SCC) n: 12
- Mild Cognitive Impairment (MCI) n: 12
- Vascular Dementia (VaD) n: 12
- Frontotemporal Dementia (FTD) n: 5
- Lewy Bodies Dementia (DLB) n: 5
- Parkinson Disease (PD) n: 4
- Multiple System Atrophy (MSA) n: 4
- Progressive Supranuclear Palsy (PSP) n: 3
- Corticobasal Degeneration (CBD) n: 2
- Creutzfeldt-Jakob Disease (CJD) n: 1
- Normotensive Hydrocephalus n: 2

Clinical Evaluation:

- Neuropsychological Assessments (tests performed): MMSE, Frontal Assessment Battery, Lista parole di Rey immediata, differita e riconoscimento, Matrici di Raven, Trail Making Test A - B, Stroop Test, Fluenza fonologica, Fluenza semantica, Figura di Rey Copia e rievocazione, SAND (Screening for Aphasia in Neurodegeneration), Digit Span avanti, Digit Span indietro, Span Spaziale avanti, Span Spaziale indietro, Selective Recall Reminding Test, Breve Racconto
- Behavioural Assessments (tests performed): Neuropsychiatric Inventory (NPI), Basic Activities of Daily Living, Instrumental activities daily living, Amsterdam IADL- Short version
Imaging and Neurophysiology:

- EEG
- MRI 1.5 T
- MRI 3 T
- FDG-PET
- Amyloid PET
- TAU-SPECT

Genotyping:

- APOE-4, APP, PSN-1, PSN-2, GRN, C9orf72

Digital Data obtained from patients through electronic devices: yes

Biological Samples:

- CSF
- DNA
- Plasma
- Urine
- Serum
- Fibroblasts
- Carotid plaques

Follow-up:

- Number of Follow-ups planned: 100
- Number of Follow-ups completed: 40
- Average duration between follow-ups (years): 2-3
- Follow-ups type: Clinical evaluation, Neuropsychological Assessment, MRI