Oxford Parkinson Disease Centre Discovery Cohort

https://neurodegenerationresearch.eu/cohort/oxford-parkinson-disease-centre-discovery-cohort/

Cohort Acronym
OPDC Discovery

Cohort type
Neurodegenerative disease-specific cohort

Disease
Parkinson's disease

Participant type
Condition diagnosed

Profile
Recruitment Period 2010-15
Sample size at start or planned sample size if still recruiting 1311
Estimated Current Sample Size 0 to 4,999
Age at Recruitment >18
Gender Male and Female
Abstract

The OPDC Discovery cohort is a prospective, longitudinal study that has recruited patients with early idiopathic Parkinson Disease, healthy controls and participants at risk of PD. The study also includes participants with REM Sleep Behaviour Disorder. Over 1500 subjects have been recruited to the cohort, including 1087 people with Parkinson's, 300 healthy controls, 111 First degree PD relatives and 151 PSG-diagnosed REM sleep behaviour disorder, thought to be 'at-risk' of developing future Parkinson's. All patients have a clinical assessment repeated every eighteen months so we can better understand the progression of Parkinson's over time. Over 500 patients have been seen for a second visit which has allowed us to identify some important differences in the way Parkinson's progresses in different people.

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Variables Collected

Brain related measures:
Behaviour, Cognitive function, Mental health, Neurological
Funtional rating:
Caregiver, Individual physiological, Individual psychological
Anthropometric:
Blood pressure, Height, Weight
Physical:
Cardiovascular, Respiratory
Biological samples:
Blood, Cerebral spinal fluid (CSF), CSF biomarker data available
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, Housing and accommodation, Income and finances, Marital status, Occupation and employment, Unpaid care
Health service utilisation:
N/A