

Hunter Community Study

<https://neurodegenerationresearch.eu/cohort/hunter-community-study/>

Cohort Acronym

Hunter CS

Cohort type

General population-based cohort

Disease

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

Participant type

No diagnosis

Profile

Recruitment Period 2004-07

Sample size at start or planned sample size if still recruiting 1749

Estimated Current Sample Size 0 to 4,999

Age at Recruitment 55-85

Gender Male and Female

Abstract

The HCS is a population-based cohort study established to assess factors important in the health, well-being, social functioning and economic consequences of ageing. The participants included community-dwelling men and women aged 55-85 years of age who reside in Newcastle, New South Wales (NSW), Australia. They were randomly selected from the NSW State electoral roll and contacted between December 2004 and December 2007.

The participants' study data was collected through self-report postal questionnaires which covered a wide range of variables but also linked with local and national health information databases and hospital records. These provided follow-up on use of prescription medication, health service utilization and hospitalizations, morbidity and mortality. There was also a baseline clinic visit which measured a wide variety of parameters including hearing, vision, smell, balance, cognition, and lung function. Medications and diagnoses have been collected not only at baseline but also at periodic intervals during follow-up.

Last update – 31/01/2017

Country Australia

Contact details

Institution name University of Newcastle's School of Medicine and Public Health and the Hunter New England Area Health Service

Website <https://academic.oup.com/ije/article/39/6/1452/735859/Cohort-Profile-The-Hunter-Community-Study>

Principal Investigator (PI) Dr John Attia, Dr Mark McEvoy, Dr Catherine D'Este, Dr Rodney Scott and Dr Peter Schofield

Contact email PI Email: John.Attia@newcastle.edu.au

Contact phone number +61 (0)2 4042 0500

Funders (Core support) University of Newcastle

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, Musculoskeletal, Respiratory

Biological samples:

Blood

Genotyping:

Gene screening

Brain imaging:

Magnetic resonance imaging (MRI)

Brain banking:

N/A

Lifestyle:

Alcohol, Dietary habits, Physical activity, Smoking

Socio-economic:

Education, Ethnic group, Family circumstances, Housing and accommodation, Income and finances, Informal support, Marital status, Occupation and employment

Health service utilisation:

Formal health and social care service utilisation including private care