

Caerphilly Prospective Study

<https://neurodegenerationresearch.eu/cohort/caerphilly-prospective-study/>

Cohort Acronym

CAPS

Cohort type

General population-based cohort

Disease

Alzheimer's disease, Mild cognitive impairment (MCI), Parkinson's disease, Vascular dementia

Participant type

No diagnosis

Profile

Recruitment Period 1979-1983

Sample size at start or planned sample size if still recruiting 2959

Estimated Current Sample Size 0 to 4,999

Age at Recruitment >45

Gender Male

Abstract

The initial aims were to examine the importance of lipids, haemostatic factors, and hormones such as testosterone, cortisol and insulin (Lichtenstein et al 1987) in the development of ischaemic heart disease (IHD). Subsequently, other hypotheses were included with a specific interest in platelet function, and psychosocial variables. With the ageing of the cohort, additional outcomes have been included in particular stroke, hearing problems and cognitive function.

The initial design attempted to contact all men aged 45 to 59 years from the town of Caerphilly and adjoining villages. 2512 subjects (response rate 89%) identified from the electoral register and general practice lists were examined between July 1979 until September 1983 (phase I).

Men were initially seen at an evening clinic, where they completed a questionnaire, had anthropometric measures and an ECG taken. They also completed a food frequency questionnaire at home (Fehily et al 1994). They subsequently re-attended an early morning clinic to have fasting blood samples for a wide variety of tests.

Quality control was examined by the use of both "blind" split samples as well as a second repeat measure on a random sub-sample to examine intra-individual variation.

The men have been followed up 5 times; Phase II (July 1984-June 1988), Phase III (Nov 1989-Sep 1993), Phase IV (Oct 1993-Feb 1997) and two further occasions via post. An additional 447 men were included in the survey at Phase II.

Last update – 11/04/2017

Country United Kingdom

Contact details

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Contact phone number

Funders (Core support)

Variables Collected

Brain related measures:

Cognitive function, Mental health, Neurological

Functional rating:

Individual psychological

Anthropometric:

Blood pressure, Height, Hip circumference, Waist circumference, Weight

Physical:

Cardiovascular, Hearing and Vision, Respiratory

Biological samples:

Blood, Saliva

Genotyping:

Gene screening

Brain imaging:

N/A

Brain banking:

N/A

Lifestyle:

Alcohol, Dietary habits, Physical activity, Smoking

Socio-economic:

Education, Housing and accommodation, Informal support, Marital status, Occupation and employment

Health service utilisation:

Formal health and social care service utilisation including private care