

Nurses' Health Study I

<https://www.neurodegenerationresearch.eu/cohort/nurses-health-study-i/>

Cohort Acronym

NHS1

Cohort type

General population-based cohort

Disease

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

Participant type

No diagnosis

Profile

Recruitment Period 1976

Sample size at start or planned sample size if still recruiting 70,000

Estimated Current Sample Size 50,000 to 99,999

Age at Recruitment 30-55

Gender Female

Abstract

The Nurses' Health Study is a longitudinal population study aimed initially to examine the relation between the use of oral contraceptives, cigarette smoking, and risk of major illnesses in women, mainly cancer and cardiovascular diseases. Since then, the study broadened to include the evaluation of health consequences of many lifestyle practices, including diet, physical activity, and specific forms of hormone therapy.

The participants are registered nurses, aged 30 to 55 years and married at the time of recruitment in 1976, and who lived in the 11 most populous states (California, Connecticut, Florida, Maryland, Massachusetts, Michigan, New Jersey, New York, Ohio, Pennsylvania and Texas).

Country USA

Contact details

Institution name Brigham and Women's Hospital and Harvard Medical School

Website <http://www.nurseshealthstudy.org/>

Principal Investigator (PI) Francine Grodstein and Meir Stampfer

Contact email PI email: ;

Contact phone number 617-525-2279

Funders (Core support) National Institute of Health (NIH), National Institute for Occupational Safety and Health (NIOSH) and the Breast Cancer Foundation

Variables Collected

Brain related measures:

N/A

Functional rating:

Individual physiological, Individual psychological

Anthropometric:

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

Physical:

Cardiovascular, Hearing and Vision, Musculoskeletal, Reproductive, Respiratory

Biological samples:

Blood, Saliva, Urine

Genotyping:

N/A

Brain imaging:

N/A

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, Unpaid care

Health service utilisation:

Formal health and social care service utilisation including private care