

Nurses' Health Study (NHS) II

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

Cohort Acronym

NHSII

Cohort type

General population-based cohort

Disease

Mild cognitive impairment (MCI), Subjective memory complaints (SMC) or subjective cognitive decline (SCD)

Participant type

No diagnosis

Profile

Recruitment Period 1989

Sample size at start or planned sample size if still recruiting

Estimated Current Sample Size

Age at Recruitment 25-42

Gender Female

Abstract

The Nurses' Health Study II (NHS II) was established by Dr. Walter Willett and colleagues in 1989 with funding from the National Institutes of Health to study oral contraceptives, diet, and lifestyle risk factors in a population younger than the original NHS cohort.

Why a new cohort of nurses?

This younger generation of nurses included women who started using oral contraceptives during adolescence and were thus maximally exposed during their early reproductive life. Several case-control studies suggesting such exposures might be associated with substantial increases in breast cancer risk provided a particularly strong justification for investment in this large cohort. Researchers also planned to collect detailed information on the types of oral contraceptives used, which was not obtained in the Nurses' Health Study.

In addition, NHS II obtained information on physical activity and diet in adolescence and early adult life.

Country USA

Contact details

Institution name Brigham and Women's Hospital and Harvard School of Public Health

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

Principal Investigator (PI) Heather Eliassen and Walter Willett

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)|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, Urine

Genotyping:

Gene screening

Brain imaging:

N/A

Brain banking:

N/A

Lifestyle:

Alcohol, Dietary habits, Physical activity, Smoking

Socio-economic:

Ethnic group, Housing and accommodation, Informal support, Marital status, Occupation and employment

Health service utilisation:

Formal health and social care service utilisation including private care