

Doetinchem Cohort Study round 8

Published: 20-11-2023

Last updated: 10-01-2025

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Ethical review	Approved WMO
Status	Recruiting
Health condition type	Other condition
Study type	Observational invasive

Summary

ID

NL-OMON53175

Source

ToetsingOnline

Brief title

DCS8

Condition

- Other condition
- Coronary artery disorders

Synonym

health and disease

Health condition

gezondheid en chronische ziekten

Research involving

Human

Sponsors and support

Primary sponsor: RIVM

Source(s) of monetary or material Support: Ministerie van VWS

Intervention

Keyword: Ageing, Chronic diseases, Cohort study, Lifestyle

Outcome measures

Primary outcome

The study focuses on measurements relevant for studying healthy ageing. Main focus is on lifestyle and metabolic risk factors, as well as physical and cognitive functioning. Samples of blood, urine and faeces are being stored for future studies.

Secondary outcome

nvt

Study description

Background summary

The development of health problems while ageing is the result of the lifelong influence of genetics, lifestyle, biological risk factors and the environment. In order to study the influence of lifestyle and other characteristics during the different stages of life, representative long-term cohort studies are needed with measurements aimed at the broad range of public health: lifestyle (such as nutrition, physical activity, smoking), risk factors (such as overweight, hypertension, cholesterol), chronic conditions and quality of life. The Doetinchem Cohort Study is an example of such a cohort.

Study objective

The general objective of this study protocol is to add another follow-up measurement, round 8, to the Doetinchem cohort study, 6 years after round 7, and 36 years after round 1. This contributes to an infrastructure of data to tackle research questions on the changes over the life course in life style, health and disease and the relations between them.

Study design

The Doetinchem Cohort Study has been carried out for 35 years: data collection in a random sample of men and women (residents of Doetinchem) originally between 20-59 years. The study began in 1987-1991 and every 5 years participants are examined. It takes 5 years to examine all participants, so it is carried out at a continuous basis. The seventh round of data collection will be completed this year (2023). After that, the data collection is continued with a 8th round in the years 2024-2028, with the population being 55-95 years. In round 8, for the sample will be replenished with a new random sample of men and women aged 40-60 years of age. Throughout the measurement rounds, the willingness of the participants to be re-examined is high with a 75-80% response.

Study burden and risks

Of the participants (of whom most have already participated in the study several times) who did not want to quit, the following is asked: return a response card for participation, to make an appointment for the physical exam, fill in various questionnaires, come to the GGD location for a physical examination of approximately 2 hours consisting of: measurements of height, weight, body circumferences, cognitive function, blood pressure (arm and ankle), AGES in the skin, physical function (muscle strength, balance and chair test, usual gait speed) blood and urine for various determinations (including cholesterol and glucose) and storage for future scientific research. In addition participants are asked to wear an accelerometer for a week.

Contacts

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adults (18-64 years)

Elderly (65 years and older)

Inclusion criteria

Participants who have participated in earlier rounds of the Doetinchem Cohort Study, and a new random sample of participants (men and women), drawn from the register of inhabitants of Doetinchem, men and women aged 40-60 years of age to replenish the cohort again with younger age groups.

Exclusion criteria

Not being able to participate due to physical or mental reasons (judgement of the respondent), active withdrawal

Study design

Design

Study type: Observational invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Basic science

Recruitment

NL

Recruitment status: Recruiting

Start date (anticipated): 01-01-2024

Enrollment: 5000

Type:

Actual

Ethics review

Approved WMO

Date:

20-11-2023

Application type:

First submission

Review commission:

METC NedMec

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register

CCMO

ID

NL84982.041.23