

Continuation of the Doetinchem Cohort Study

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The general objective of the Doetinchem Cohort Study is to contribute to the answering of public health questions, now and in the future, by providing basic data on developments in lifestyle and health problems in the general Dutch population.

Ethical review	Approved WMO
Status	Recruitment stopped
Health condition type	Cardiac disorders, signs and symptoms NEC
Study type	Observational invasive

Summary

ID

NL-OMON38394

Source

ToetsingOnline

Brief title

Doetinchem Cohort Study

Condition

- Cardiac disorders, signs and symptoms NEC
- Glucose metabolism disorders (incl diabetes mellitus)
- Respiratory disorders NEC

Synonym

common diseases

Research involving

Human

Sponsors and support

Primary sponsor: RIVM

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

Intervention

Keyword: diseases, epidemiology, healthy ageing, lifestyle

Outcome measures

Primary outcome

Health of an ageing population including e.g.: (risk factors of) diabetes, cardiovascular diseases, asthma and COPD, osteoporosis, physical and cognitive functioning, incontinence, perceived health and loneliness

Secondary outcome

Not applicable

Study description

Background summary

Health at old age is the result of the lifelong exposure to and interplay of genetics, lifestyle factors, biological risk factors and environmental factors. In order to study determinants of healthy ageing, cohort studies are needed with the following characteristics: 1. large and representative, 2. inclusion from a relative young age, 3. long term follow-up measurements, 4. measurements on all relevant parameters: life style (e.g. diet, physical activity), risk factors (e.g. obesity, blood pressure, cholesterol), several common diseases and quality of life.

Study objective

The general objective of the Doetinchem Cohort Study is to contribute to the answering of public health questions, now and in the future, by providing basic data on developments in lifestyle and health problems in the general Dutch population.

Study design

The Doetinchem Cohort Study presents already 25 years of data collection among a population cohort of originally 20-59 years of age, and is becoming a unique source for scientists to study the determinants of old age. The study started in 1987-1991 and every 5 years participants were measured, with the current

fifth round of measurements ending this year (2012) with full measurement of ca 4500 participants. A sixth round will be carried out in 2013-2017.

Study burden and risks

Earlier participants will be invited for participation in the 5th round. Participation includes: sending back a response card, having telephone contact for making an appointment at the local health service in Doetinchem, filling in questionnaires and a physical examination of 1.5 hours including: measurement of length, weight, waist and hip circumference, lung function, blood pressure of arm and ankle, calcaneal quantitative ultrasound measurement, physical functioning (muscle strength, balance, chairtest), collection of blood (for glucose and cholesterol and future research) and a cognitive function test. Under restriction of additional funding also the following measurements will be added to the protocol: AGES (skin autofluorescence), hearing tests (frequency and/or background noise), accelerometer (objective measurement of physical activity)

Contacts

Public

RIVM

A. van Leeuwenhoeklaan 9
Bilthoven 3720 MA
NL

Scientific

RIVM

A. van Leeuwenhoeklaan 9
Bilthoven 3720 MA
NL

Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adults (18-64 years)

Elderly (65 years and older)

Inclusion criteria

Being a participant of an earlier round of the Doetinchem Cohort Study. 20 years ago it was a random sample of the population in Doetinchem.

Exclusion criteria

Not wanting to participate anymore as said during an earlier round.

Study design

Design

Study type: Observational invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Basic science

Recruitment

NL

Recruitment status: Recruitment stopped

Start date (anticipated): 21-01-2008

Enrollment: 4500

Type: Actual

Ethics review

Approved WMO

Date: 18-12-2007

Application type:	First submission
Review commission:	METC Universitair Medisch Centrum Utrecht (Utrecht)
Approved WMO Date:	03-03-2009
Application type:	Amendment
Review commission:	METC Universitair Medisch Centrum Utrecht (Utrecht)
Approved WMO Date:	03-10-2012
Application type:	Amendment
Review commission:	METC Universitair Medisch Centrum Utrecht (Utrecht)

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	ID
CCMO	NL19158.041.07