

HEalthy Life in an Urban Setting (HELIUS): a prospective cohort study on health and health care utilization among different ethnic groups in Amsterdam

Published: 21-10-2010

Last updated: 07-03-2025

The general objective of HELIUS is to describe (trends in) patterns of chronic conditions across six ethnic groups over time, and to unravel the causes of (the unequal burden) of chronic diseases across ethnic groups, with an emphasis on...

Ethical review	Approved WMO
Status	Will not start
Health condition type	Cardiac disorders, signs and symptoms NEC
Study type	Observational non invasive

Summary

ID

NL-OMON34614

Source

ToetsingOnline

Brief title

HELIUS

Condition

- Cardiac disorders, signs and symptoms NEC
- Infections - pathogen unspecified
- Mood disorders and disturbances NEC

Synonym

health and health care utilization in an urban setting

Research involving

Human

Sponsors and support

Primary sponsor: Academisch Medisch Centrum

Source(s) of monetary or material Support: Ministerie van OC&W, ZonMW, financiering derde geldstroom is nog in onderhandeling

Intervention

Keyword: Cardiovascular diseases, Ethnicity, Infectious diseases, Mental health

Outcome measures

Primary outcome

Primary endpoint is prevalence and incidence of diseases or development towards diseases between ethnic groups. Three types of diseases will be considered: cardiovascular diseases, mental health (i.e. depression and substance use disorders), and infectious diseases. Important themes related to these diseases that are taken into account are nutrition and health care utilization.

Secondary outcome

see primary study parameters

Study description

Background summary

As a result of immigration, Western European societies are becoming increasingly ethnically diverse. In the Netherlands, approximately 10% of the population is of non-Western origin and by 2050 this percentage will increase to 16%. Despite the enormous growth of ethnic minorities, these groups are usually excluded in health (care) studies, given the difficulties which are anticipated in gathering data among these groups. Yet, previous studies provide indications that health status and risk factors for chronic diseases are not similar for different ethnic groups, and that current health care services are insufficiently culturally competent. The need to understand the epidemiological profile of ethnic minority populations is the main arguments to start a large, population based study on health and health care utilization among six ethnic groups in Amsterdam, the Netherlands. This study is called HELIUS, which is an

acronym for HEalthy Life in an Urban Setting.

Study objective

The general objective of HELIUS is to describe (trends in) patterns of chronic conditions across six ethnic groups over time, and to unravel the causes of (the unequal burden) of chronic diseases across ethnic groups, with an emphasis on cardiovascular diseases, mental health (i.e. depression and substance use disorders), and infectious diseases. Health care utilization and nutrition, are two important themes in HELIUS in relation to these diseases.

Study design

HELIUS is a multi-ethnic, prospective cohort study. After baseline examination, follow-up examinations are planned at 5-year intervals.

Study burden and risks

The current study is an observational study, so no adverse or serious adverse events are to be expected. There is no direct benefit for the participants. Due to the extensive health examination, potential benefit may be derived from early detection of diseases.

Contacts

Public

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adults (18-64 years)

Elderly (65 years and older)

Inclusion criteria

Subjects in the age range of 18-70 years from six different ethnicity groups; i.e. ethnic Dutch, Surinamese (Hindustani and Creole), Turkish, Moroccan and Ghanaian origin

Exclusion criteria

unable to give informed consent

Study design

Design

Study type: Observational non invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Basic science

Recruitment

NL

Recruitment status: Will not start

Start date (anticipated): 01-06-2010

Enrollment: 60000

Type: Anticipated

Ethics review

Approved WMO

Application type: First submission

Review commission: METC Amsterdam UMC

Approved WMO

Date: 21-10-2010

Application type: First submission

Review commission: MEC Academisch Medisch Centrum (Amsterdam)

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Approved WMO

Date: 04-02-2025

Application type: Amendment

Review commission: MEC Academisch Medisch Centrum (Amsterdam)

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Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

5 - HEalthy Life in an Urban Setting (HELIUS): a prospective cohort study on health ... 5-05-2025

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

No registrations found.

In other registers

Register	ID
CCMO	NL32251.018.10