

# Rotterdam Hindustani Cardiovascular Risk Survey

Published: 23-04-2009

Last updated: 06-05-2024

Primary: provide individual subjects with a cardiovascular risk profile and (when indicated) an advice to prevent cardiovascular disease. Secondary: collect data on the subject in a uniform and standardised manner that may help to to further...

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

## Summary

### ID

NL-OMON33764

### Source

ToetsingOnline

### Brief title

nvt

### Condition

- Cardiac disorders, signs and symptoms NEC
- Glucose metabolism disorders (incl diabetes mellitus)
- Arteriosclerosis, stenosis, vascular insufficiency and necrosis

### Synonym

diabetes, endothelial fuction, heart attack

### Research involving

Human

### Sponsors and support

**Primary sponsor:** Medisch Centrum Rijnmond-Zuid

**Source(s) of monetary or material Support:** Zorgvernieuwingstraject via zorgverzekeraars

## Intervention

**Keyword:** Asian descent, Cardiovascular Risk, Type 2 Diabetes Mellitus

## Outcome measures

### Primary outcome

Assessment of a risk profile according to the guideline \*Cardiovascular  
risk management (2006)'.

## Secondary outcome

Inventory (incidence) and characteristics of known and emerging risk-factors for cardiovascular disease in a high-risk population.

## Study description

## Background summary

Individuals of Asian descent are at high risk to develop cardiovascular disease. The absolute risk is estimated 2-fold higher compared to Caucasians. In the Netherlands this seems to apply to Hindostani individuals. As it is reasonable to assume that primary prevention may reduce morbidity and mortality in this high-risk population. Therefore the dept of Cardiology of Maasstad Ziekenhuis has initiated an out-patient prevention clinic for this population to perform a screening and give advice. The screening will be performed in a standardised way making the data suitable for analyses that may help to further elucidate the underlying pathogenesis. The participants will also be offered to participate in an optional part that also aims to further elucidate the underlying pathogenesis.

## Study objective

Primary: provide individual subjects with a cardiovascular risk profile and (when indicated) an advice to prevent cardiovascular disease.

Secondary: collect data on the subject in a uniform and standardised manner that may help to further elucidate the underlying pathogenesis.

## Study design

## Open exploratory study

## Study burden and risks

The burden and risks associated with a screening are considered to be of minimal risk and burden. The potential benefit - early detection and treatment - is substantial. Please note that the target population is well aware that they belong to a high-risk population and appreciate this initiative. The burden/risk associated with the optional investigations (a venipuncture for a 50 ml blood draw and a non-invasive assessment of vascular function that includes a 5-min period of arterial occlusion) are considered negligible.

## Contacts

### Public

Medisch Centrum Rijnmond-Zuid

Olympiaweg 350  
3078 HT Rotterdam  
NL

### Scientific

Medisch Centrum Rijnmond-Zuid

Olympiaweg 350  
3078 HT Rotterdam  
NL

## Trial sites

### Listed location countries

Netherlands

## Eligibility criteria

### Age

Adults (18-64 years)

Elderly (65 years and older)

### Inclusion criteria

Healthy  
Asian descent  
Between 30 and 65 years of age

## Exclusion criteria

Diagnosis of T2DM and/or cardiovascular disease

## 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): 22-09-2009

Enrollment: 1000

Type: Actual

## Ethics review

Approved WMO

Date: 23-04-2009

Application type: First submission

Review commission: TWOR: Toetsingscommissie Wetenschappelijk Onderzoek Rotterdam e.o. (Rotterdam)

## 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**

<b>Register</b>	<b>ID</b>
CCMO	NL24276.101.09