

SHEEP - Stockholm Heart Epidemiology Program

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Associated documentation

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Creator/Principal investigator(s)

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Description

SHEEP (the Stockholm Heart Epidemiology Program) is a population based case-referent study of risk factors for first episode of acute myocardial infarction in women and men in the ages 45-70 years living in the Stockholm County. Exposure information was collected by a questionnaire and a health examination including blood sampling. A large number of potential risk factors were included in the questionnaire items and comprised occupational, social, as well as life style or individual factors. A total of 5452 subjects were included in SHEEP: 2246 cases and 3206 referents. The response rate was higher among men than among women. Exposure information based on both the questionnaire and biological data from the health examination was available for 78% of the male and 67% of the female non-fatal cases; the corresponding figures for their referents were 68% and 64%.

Purpose:

To simultaneously test several hypotheses concerning potential risk factors for acute myocardial infarction, first event.

To compare the effect of different risk factors/exposures between women and men.

To identify and evaluate potential effect modification between different risk factors.

Data contains personal data

No

Unit of analysis

[Individual](#)

Population

The Sheep study base comprised all Swedish citizens resident in the Stockholm county 1992-1994 who were 45-70 years of age and were free of previous clinically diagnosed myocardial infarction. Male cases were identified during a two-year period (1992-1993)

Study design

Case-control study

Sampling procedure

Exposure information was collected by a questionnaire and a health examination including blood sampling. A large number of potential risk factors were included in the questionnaire items and comprised occupational, social, as well as life style or individual factors.

Number of individuals/objects

5452

Response rate/participation rate

76%

Data format / data structure

[Numeric](#)

Data collection 1

- Mode of collection: Self-administered questionnaire: paper
- Time period(s) for data collection: 1992 - 1994
- Source of the data: Population group

Data collection 2

- Mode of collection: Physical measurements and tests
- Time period(s) for data collection: 1992 - 1994
- Source of the data: Population group

Geographic spread

Geographic location: [Sweden](#)

Geographic description: Stockholm County

Lowest geographic unit

County (NUTS3)

Responsible department/unit

Institute of Environmental Medicine

Research area

[Medical and health sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

[Cardiac and cardiovascular systems](#) (Standard för svensk indelning av forskningsämnen 2011)

[Health](#) (CESSDA Topic Classification)

Keywords

[Sexual behavior](#), [Physical examination](#), [Exercise](#), [Population surveillance](#), [Socioeconomic factors](#), [Risk factors](#), [Myocardial infarction](#), [Alcohol drinking](#), [Job satisfaction](#), [Case-control studies](#), [Genetics](#), [Insulin](#), [Coffee](#), [Dietary supplements](#), [Coronary disease](#), [Body height](#), [Body weight](#), [Tobacco smoke pollution](#), [Smoking](#), [Stress, psychological](#), [Occupational exposure](#), [Heredity](#), [Cross-over studies](#), [Swedish cohort consortium \(scc\)](#), [Cohorts.se](#)

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