

PIVUS - Prospective Investigation of the Vasculature in Uppsala Seniors

SND-ID: ext0162-1.

Is part of collection at SND: [Swedish Cohort Consortium \(Cohorts.se\)](#), [Swedish Diet Cohort Consortium \(SDCC\)](#)

Creator/Principal investigator(s)

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Research principal

[Uppsala University](#) - Department of Medical Sciences

Description

The PIVUS study started in 2001 with the primary aim to investigate the predictive power of different measurements of endothelial function and arterial compliance in a random sample of 1000 subjects aged 70 living in the community of Uppsala. As secondary aims, the study also included measurements of cardiac function and structure by ultrasound and MRI, evaluation of atherosclerosis by ultrasound and MRI, 7 day food intake recordings, detailed ECG analysis, cardiovascular autonomic function, body composition by DXA, DNA analysis and lung function, as well as a number of biochemical markers.

Purpose:

To study the pathogenesis of atherosclerosis and its related diseases

1016 individuals all aged 70 (50%) were investigated 2001-2003. Reinvestigations were performed at age 75 and 80.

Unit of analysis

[Individual](#)

Time Method

[Longitudinal: Cohort/Event-based](#)

Sampling procedure

[Probability: Simple random](#)

Time period(s) investigated

2001 - Ongoing

Number of individuals/objects

1016

Data format / data structure

[Numeric](#)

Data collection 1

- Mode of collection: Self-administered writings and/or diaries: paper
- Time period(s) for data collection: 2001–ongoing
- Source of the data: Population group, Biological samples

Data collection 2

- Mode of collection: Laboratory experiment
- Time period(s) for data collection: 2001–ongoing
- Source of the data: Population group, Biological samples

Data collection 3

- Mode of collection: Physical measurements and tests
- Time period(s) for data collection: 2001–ongoing
- Source of the data: Population group, Biological samples

Data collection 4

- Mode of collection: Self-administered questionnaire: paper
- Time period(s) for data collection: 2001–ongoing
- Source of the data: Population group, Biological samples

Data collection 5

- Mode of collection: Participant laboratory observation
- Time period(s) for data collection: 2001–ongoing
- Source of the data: Population group, Biological samples

Geographic spread

Geographic description: Community of Uppsala

Responsible department/unit

Department of Medical Sciences

Research area

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

[Public health, global health, social medicine and epidemiology](#) (Standard för svensk indelning av forskningsämnen 2011)

[Health](#) (CESSDA Topic Classification)

Keywords

[Aged](#), [Body composition](#), [Heart function tests](#), [Atherosclerosis](#), [Biomarkers](#), [Dna](#), [Respiratory function](#), [Swedish cohort consortium \(scc\)](#), [Swedish diet cohort consortium \(sdcc\)](#), [Sdcc](#), [Cohorts.se](#)

Accessibility level

Access to data through an external actor

Access to data is restricted

Homepage

[The study homepage](#)

Contact for questions about the data

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Is part of collection at SND

[Swedish Cohort Consortium \(Cohorts.se\)](http://Cohorts.se)

[Swedish Diet Cohort Consortium \(SDCC\)](http://SDCC)

Download metadata

[DataCite](#)

[DDI 2.5](#)

[DDI 3.3](#)

[DCAT-AP-SE 2.0](#)

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