

Epidemiology, treatment and healthcare utilization in patients with diabetes mellitus – a population-based observational study using data from the Stockholm healthcare region

First published: 27/08/2019

Last updated: 27/08/2019

Study

Ongoing

Administrative details

EU PAS number

EUPAS31146

Study ID

31147

DARWIN EU® study

No

Study countries

 Sweden

Study description

None

Study status

Ongoing

Research institutions and networks

Institutions

[Forskning och Innovation](#)

First published: 01/02/2024

Last updated: 01/02/2024

Institution

[Region Stockholm](#)

Contact details

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Primary lead investigator

Michael Alvarsson

Primary lead investigator

Study timelines

Date when funding contract was signed

Actual: 21/11/2018

Study start date

Actual: 15/03/2019

Date of final study report

Planned: 31/12/2019

Sources of funding

- Pharmaceutical company and other private sector

More details on funding

Eli Lilly Sweden AB, Boehringer Ingelheim AB, Bayer AB, Novo Nordisk Scandinavia AB

Regulatory

Was the study required by a regulatory body?

No

Is the study required by a Risk Management Plan (RMP)?

Not applicable

Methodological aspects

Study type

Study type list

Study type:

Non-interventional study

Scope of the study:

Disease epidemiology

Main study objective:

The aim of the proposed study is to describe the epidemiology of diabetes mellitus in a real-world setting using data from Stockholm, Sweden.

Study Design

Non-interventional study design

Cohort

Study drug and medical condition

Medical condition to be studied

Diabetes mellitus

Population studied

Age groups

- Infants and toddlers (28 days - 23 months)
 - Children (2 to < 12 years)
 - Adolescents (12 to < 18 years)
 - Adults (18 to < 46 years)
 - Adults (46 to < 65 years)
 - Adults (65 to < 75 years)
 - Adults (75 to < 85 years)
 - Adults (85 years and over)
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Estimated number of subjects

150000

Study design details

Outcomes

The primary objective is to identify patients with DM in the Stockholm County in order to describe the epidemiology, patient characteristics, comorbid conditions, disease history and treatment patterns.

Data analysis plan

This is a descriptive population-based observational study based on secondary data from health registries and electronic health records. Variables will be analyzed descriptively using appropriate statistical methods.

Data management

ENCePP Seal

The use of the ENCePP Seal has been discontinued since February 2025. The ENCePP Seal fields are retained in the display mode for transparency but are no longer maintained.

Data sources

Data sources (types)

Administrative healthcare records (e.g., claims)

Disease registry

Drug dispensing/prescription data

Electronic healthcare records (EHR)

Other

Data sources (types), other

Prescription event monitoring

Use of a Common Data Model (CDM)

CDM mapping

No

Data quality specifications

Check conformance

Unknown

Check completeness

Unknown

Check stability

Unknown

Check logical consistency

Unknown

Data characterisation

Data characterisation conducted

No