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

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# 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

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Institution

## Region Stockholm

## Contact details

### **Study institution contact**

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Study contact

thomas.cars@sence.com

### 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)?

# 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)

#### **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**

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## **Check stability**

Unknown

### **Check logical consistency**

Unknown

# Data characterisation

### **Data characterisation conducted**

No