

Register-based study on disease burden of bacterial meningitis, and long-term prognosis and resource use of invasive meningococcal disease in Finland (MEN00065)

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Study

Ongoing

Administrative details

EU PAS number

EUPAS1000000081

Study ID

1000000081

DARWIN EU® study

No

Study countries

Finland

Study description

Meningitis and invasive meningococcal diseases (IMD) are very serious and can lead to complications with physical and mental disability or even death. We will study the incidence, etiology and risk factors in a population-based setting. We will evaluate both acute and long-term health care resource use and costs. We will also evaluate how the IMD impacted patients' education, income and life cycle.

Study status

Ongoing

Research institutions and networks

Institutions

FVR – Finnish Vaccine Research

Finland

First published: 21/03/2024

Last updated: 15/11/2024

Institution

Hospital/Clinic/Other health care facility

Laboratory/Research/Testing facility

Contact details

Study institution contact

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Study contact

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Primary lead investigator

Arto Palmu

Primary lead investigator

Study timelines

Date when funding contract was signed

Actual: 15/12/2022

Study start date

Actual: 07/09/2023

Date of final study report

Planned: 17/12/2027

Sources of funding

- Pharmaceutical company and other private sector

More details on funding

Sanofi Pasteur S.A.

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 topic:

Disease /health condition

Study type:

Non-interventional study

Scope of the study:

Drug utilisation

Healthcare resource utilisation

Other

If 'other', further details on the scope of the study

Socioeconomic outcomes

Data collection methods:

Secondary use of data

Study Design

Non-interventional study design

Case-control

Study drug and medical condition

Medical condition to be studied

Meningitis

Additional medical condition(s)

Invasive meningococcal disease

Population studied

Short description of the study population

Population based study. All IMD and bacterial meningitis cases found in Finnish national health register data.

Age groups

- **Paediatric Population (< 18 years)**

- Preterm newborn infants (0 - 27 days)
- Term newborn infants (0 - 27 days)
- Children (2 to < 12 years)
- Adolescents (12 to < 18 years)

- **Adult and elderly population (≥18 years)**

- Adults (18 to < 65 years)
 - Adults (18 to < 46 years)
 - Adults (46 to < 65 years)
- Elderly (≥ 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

5000

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 source(s), other

Finnish health registers

Statistics Finland's datasets

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