DARWIN EU® - Capturing suicidality and depression related variables in databases

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Study   **Planned**

Administrative details

EU PAS number

EUPAS1000000825

Study ID

1000000825

DARWIN EU® study

Yes

Study countries

☐ Denmark

☐ Estonia

☐ Finland

☐ France

☐ Germany

☐ Greece

☐ Netherlands

☐ Norway

☐ Portugal

☐ Spain

☐ Sweden

☐ United Kingdom

Study status

Planned

Research institutions and networks

Institutions

Department of Medical Informatics - Health Data Science, Erasmus Medical Center (ErasmusMC)

☐ Netherlands

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Institution   Educational Institution   ENCePP partner

Networks

Data Analysis and Real World Interrogation Network (DARWIN EU®)

☐ Belgium

- ☐ Croatia
- ☐ Denmark
- ☐ Estonia
- ☐ Finland
- ☐ France
- ☐ Germany
- ☐ Greece
- ☐ Hungary
- ☐ Italy
- ☐ Netherlands
- ☐ Norway
- ☐ Portugal
- ☐ Spain
- ☐ Sweden
- ☐ United Kingdom

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Network

Contact details

Study institution contact

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Study contact

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Primary lead investigator

Nicholas Hunt

Primary lead investigator

Study timelines

Date when funding contract was signed

Planned: 31/08/2025

Actual: 31/08/2025

Study start date

Planned: 12/12/2025

Date of final study report

Planned: 01/09/2026

Regulatory

Was the study required by a regulatory body?

Yes

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

Not applicable

Methodological aspects

Study type

Study type list

Study type:

Non-interventional study

Main study objective:

Objective 1: What is the proportion of individuals with the following types of recording in the DARWIN EU® network:

a. Suicide (completed)

b. Suicide attempt

c. Suicidal ideation

d. Self-harm

e. Depression

f. Symptom measurement data related to B-D if any, and E (e.g. questionnaires, PHQ9 depression scales)

g. Healthcare utilisation for B-D (e.g. referrals, admissions, procedures)

h. Resolution/ outcome of B-E

Objective 2: To characterise reporting of suicide, suicide attempt, suicidal ideation, self-harm and depression within the Darwin EU network in terms of:

a. Median number (and IQR) of suicides, suicide attempts, suicidal ideation, self-harm and depression, symptom measurement and resolution reporting per individual within the study period.

b. Rates of suicide, suicide attempt, suicidal ideation, self-harm and depression, symptom measurement and resolution reporting within the study period.

c. Changes over time by means of suicide, suicide attempt, suicidal ideation, self-harm and depression trajectories.

d. Explore the value of the measurements of the symptom measurement data

Objective 3: What are the characteristics of individuals with records of suicide, suicide attempt, suicidal ideation, self-harm and depression in terms of

demography, use of concomitant medications (e.g., antidepressants, antipsychotics, benzodiazepines, antipsychotics, stimulants, hypnotics) comorbidities (e.g., schizophrenia, anxiety disorder, substance use disorder, personality disorders), procedures and lifestyle.

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.

Use of a Common Data Model (CDM)

CDM mapping

Yes

CDM Mappings

CDM name

OMOP

CDM website

https://www.ohdsi.org/Data-standardization/

CDM version

https://ohdsi.github.io/CommonDataModel/index.html

Data quality specifications

Check conformance

Unknown

Check completeness

Unknown

Check stability

Unknown

Check logical consistency

Unknown

Data characterisation

Data characterisation conducted

No