Describing Adult Heart Failure Patients – Assessment of Real-Life Data in Two Sites

First published: 06/05/2025

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Study Finalised

Administrative details

EU PAS number

EUPAS1000000570

Study ID

1000000570

DARWIN EU® study

No

Study countries

Bulgaria

Study description

This study aimed to provide a real-world data analysis of adult heart failure patients using the Danny Platform.

Study status

Finalised

Research institutions and networks

Institutions

Sqilline Health

Bulgaria

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Institution **Non-Pharmaceutical company**

Contact details

Study institution contact

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Study contact

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Primary lead investigator

Katerina Genkova

Primary lead investigator

Study timelines

Date when funding contract was signed
Planned: 29/03/2024

Actual: 29/03/2024

Study start date
Planned: 04/04/2024

Actual: 01/04/2018

Date of final study report
Planned: 04/10/2024

Actual: 04/10/2024

Sources of funding

- No external funding

Regulatory

Was the study required by a regulatory body?

No

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

Not applicable

Other study registration identification numbers and links

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Methodological aspects

Study type

Study topic:

Disease /health condition

Study type:

Non-interventional study

Scope of the study:

Disease epidemiology

Data collection methods:

Secondary use of data

Study design:

To assess the demographic and clinical characteristics of HF patients in real-world clinical settings using data processed, structured and analysed by Danny Platform.

Main study objective:

To evaluate treatment patterns, comorbidities, and hospital outcomes for patients with reduced and preserved ejection fraction.
To highlight gaps in heart failure management and suggest potential improvements in patient care.

Study Design

Non-interventional study design

Cohort

Study drug and medical condition

Medical condition to be studied

Cardiac failure

Study design details

Summary results

The analysis included 1,313 heart failure (HF) diagnosed patients from two cardiology hospitals, focusing on 413 hospitalized individuals. This study provides a comprehensive view of demographic and clinical characteristics for HF patients.

The study demonstrated epidemiological data, with an average patient age of 69.77 years. More than 50% of the hospitalized patients were male. Additionally, ejection fraction (EF) data, a critical indicator of heart function, was available for 352 patients, showing that 68% had preserved EF (>50%), which aligns with global trends related to ageing populations and chronic diseases.

Comorbidity profiling revealed that the most common conditions among HF patients were hypertension, atrial fibrillation, and diabetes, with around 66% of hospitalized patients having two or more comorbidities.

Documents

Study publications

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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)

Danny Platform

Data sources (types)

Electronic healthcare records (EHR)

Use of a Common Data Model (CDM)

CDM mapping

No

Data quality specifications

Check conformance

Yes

Check completeness

Yes

Check stability

Yes

Check logical consistency

Yes

Data characterisation

Data characterisation conducted

Not applicable