

The multicenter Cardiology Monitoring Platform (mCMP-registry)

Published: 01-07-2021

Last updated: 19-04-2025

To optimize (early) diagnosis and risk-stratification of (early) cardiomyopathy phenotypes and to create a better understanding of underlying pathophysiological processes.

Ethical review	Approved WMO
Status	Recruiting
Health condition type	Heart failures
Study type	Observational invasive

Summary

ID

NL-OMON52272

Source

ToetsingOnline

Brief title

mCMP-registry

Condition

- Heart failures

Synonym

cardiovascular disease, heart failure

Research involving

Human

Sponsors and support

Primary sponsor: Medisch Universitair Ziekenhuis Maastricht

Source(s) of monetary or material Support: Ministerie van OC&W

Intervention

Keyword: cardiologie, cardiomyopathy, multicentre, registry

Outcome measures

Primary outcome

This is a prospective registry from which multiple research questions can be answered. In general, two main approaches will be used: (A) a data-driven (multi-)omics approach which aims to identify clusters of patients to predict clinical outcome, to improve (early) diagnosis, and/or to identify clusters of patients that share underlying pathophysiological processes; (B) a hypothesis-driven approach in which clinical parameters are tested for their (incremental) diagnostic and/or prognostic value.

Secondary outcome

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Study description

Background summary

Heart failure (HF) represents a heterogeneous range of clinical overlapping cardiomyopathy phenotypes, resulting from multifactorial environmental insults in the presence or absence of a genetic predisposition. A better understanding of (early) cardiomyopathy phenotypes, their underlying pathophysiological processes, and their related disease burden is key to pave the way for novel preventive and/or intervention studies.

Study objective

To optimize (early) diagnosis and risk-stratification of (early) cardiomyopathy phenotypes and to create a better understanding of underlying pathophysiological processes.

Study design

The Multicenter Cardiology Monitoring Platform (mCMP-registry) is an investigator-initiated multicenter (Maastricht University Medical Center,

University Medical Center Groningen, University Medical Center Utrecht, Zuyderland Medical Center) prospective observational registry including multi-omics (diagnostic) measurements performed as part of routine clinical care, bio-banking (optional), and yearly questionnaires (optional).

Study burden and risks

There is not any risk associated with the participation in this study.

Contacts

Public

Medisch Universitair Ziekenhuis Maastricht

P. Debyelaan 25
Maastricht 6229HX
NL

Scientific

Medisch Universitair Ziekenhuis Maastricht

P. Debyelaan 25
Maastricht 6229HX
NL

Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adolescents (16-17 years)
Adults (18-64 years)
Elderly (65 years and older)

Inclusion criteria

- Referred to a cardiology or genetic department for heart failure like symptoms (as stated in the ESC 2016 Guidelines(3)) or for cardiac/cardiogenetic screening;
- Age ≥ 16 years.

Exclusion criteria

- Unwillingness to participate or unable to give written informed consent (e.g. due to language barriers or severe intellectual disability).

Study design

Design

Study type: Observational invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Basic science

Recruitment

NL

Recruitment status: Recruiting

Start date (anticipated): 01-08-2021

Enrollment: 40000

Type: Actual

Ethics review

Approved WMO

Date: 01-07-2021

Application type: First submission

Review commission: METC academisch ziekenhuis Maastricht/Universiteit Maastricht, METC azM/UM (Maastricht)

Approved WMO

Date: 26-11-2021

Application type:	Amendment
Review commission:	METC academisch ziekenhuis Maastricht/Universiteit Maastricht, METC azM/UM (Maastricht)
Approved WMO	
Date:	22-11-2022
Application type:	Amendment
Review commission:	METC academisch ziekenhuis Maastricht/Universiteit Maastricht, METC azM/UM (Maastricht)

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register

ClinicalTrials.gov
CCMO

ID

NCT04976348
NL76585.068.21