impact-med

Advancing connected cardiometabolic care across the full patient journey

This project is supported by the Innovative Health Initiative Joint Undertaking (IHI JU) under grant agreement No 101253530. The JU receives support from the European Union's Horizon Europe research and innovation programme and COCIR, EFPIA, Europa Bio, MedTech Europe, and Vaccines Europe.

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innovative health initiative

COCIR Advancing Healthcare

efpia

EuropaBio The European Association for Bioindustries

MedTech Europe from diagnosis to cure

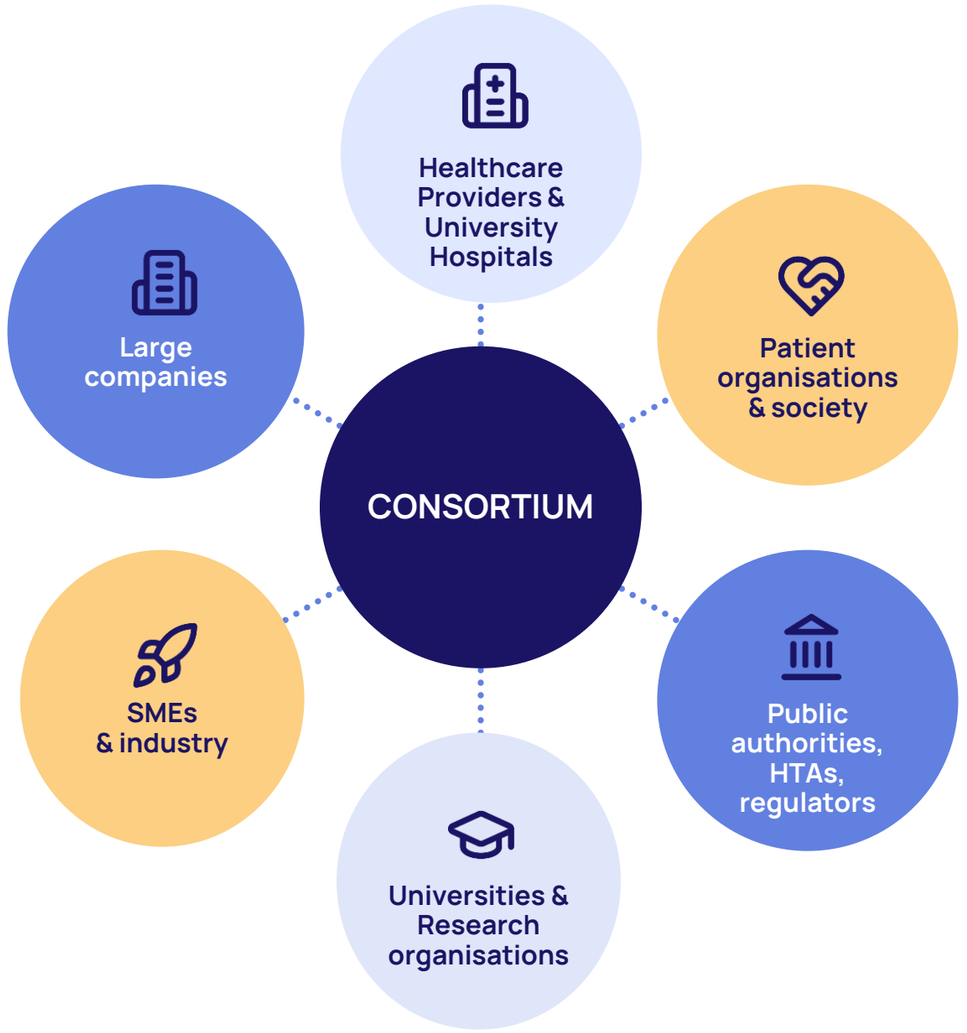
Vaccines Europe

Co-funded by the European Union

IHI public-private partnership
Innovative Health Initiative

Co-funded by the **European Union (EC)** and **Healthcare industry associations**.

Every IHI project is formed by a **collaborative public-private consortium** reflecting the integrative and cross-sectorial nature of the initiative.



IHI aims to…
The Innovative Health Initiative mission

Deliver safe, effective health innovations
Covering the entire spectrum of care, particularly where there is an unmet public health need.

Turn research into real benefits
Translating health research and innovation into tangible value for patients and society.

Focus on what transforms care
Digital health, personalised medicine, AI, medical devices and health-system innovation.

Strengthen European competitiveness
Making Europe's health industries globally competitive.

What is IMPACT-MED?

IMPACT-MED is a European **public-private initiative** developing and validating a connected model for **multidisciplinary cardiometabolic care**.

Funded by the Innovative Health Initiative (IHI), it brings together **26 partners from 13 countries**: hospitals, universities, research centres, patient organisations, SMEs and leading MedTech and technology companies**, led by Università Campus Bio-Medico di Roma** as coordinator **and Medtronic Ibérica** as industrial lead.

Together, we aim to transform cardiometabolic care from fragmented and reactive to integrated, proactive and personalised.

60
months
April 2026 – March 2031

€22.9M
total budget
EU €14.2M · industry €8.7M

26
partners
public and private

13
countries
Europe and beyond

5
clinical use cases
in real-world settings

8
work packages
interconnected

The challenge
Fragmented care for interconnected diseases

Chronic cardiometabolic diseases (hypertension, diabetes, obesity, coronary artery disease and heart failure) frequently coexist, creating complex multimorbid profiles. Together they drive a huge burden of **cardiometabolic diseases.**

Key gaps persist:

- Late diagnosis and poor risk factor control
- Fragmented, disease-specific care pathways
- Limited integration across specialties and settings
- Insufficient use of digital tools and real-world data
- Growing burden from ageing and multimorbidity



Our approach
The MCMC model

IMPACT-MED designs and develops the **Multidisciplinary Cardio-Metabolic Care (MCMC)** a new, innovative model of care for the most prevalent chronic conditions to validate a **people-centred model covering the full continuum of care**: from prevention and early detection to treatment, monitoring, follow-up and self-management.

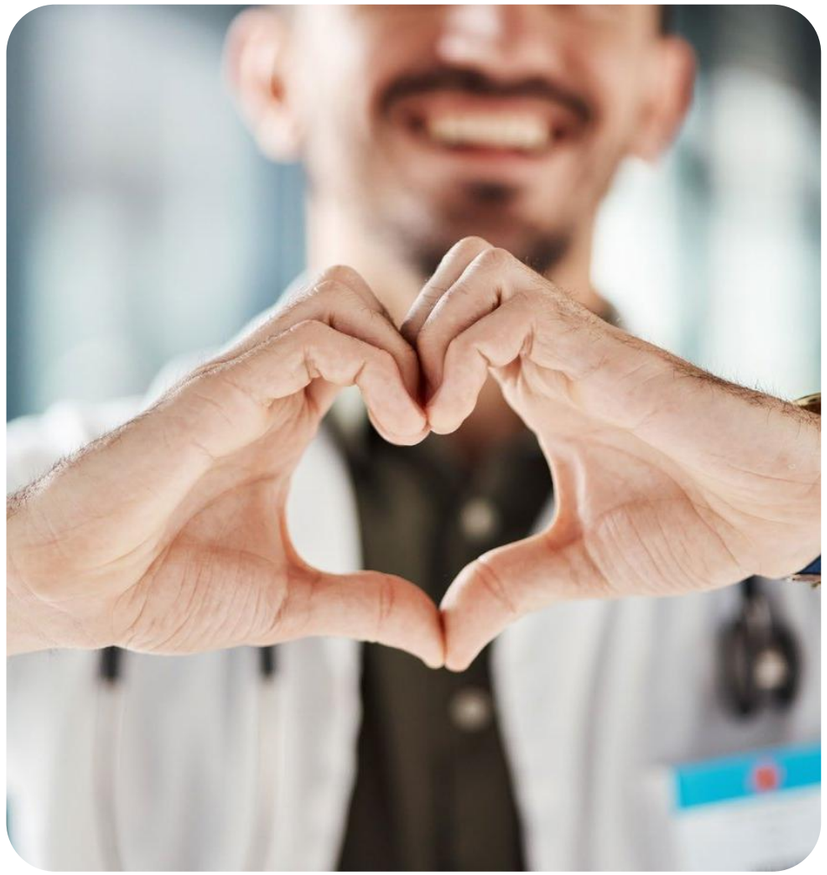
The model is **co-created** with healthcare professionals, patients, caregivers, researchers, industry and policymakers, combining clinical expertise, digital innovation, patient-generated data and real-world evidence.

Focused on people living with, or at risk of, multiple interconnected chronic conditions



Four pillars driving IMPACT-MED

A new model for cardiometabolic diseases



01 **Integrated care**

Coordinated, multidisciplinary pathways for people living with multiple chronic conditions.

02 **Digital innovation**

AI risk stratification, remote monitoring, advanced imaging and patient-centred data tools.

03 **Patient-centred evidence**

PROMs, PREMs and patient involvement shape the model from real experiences.

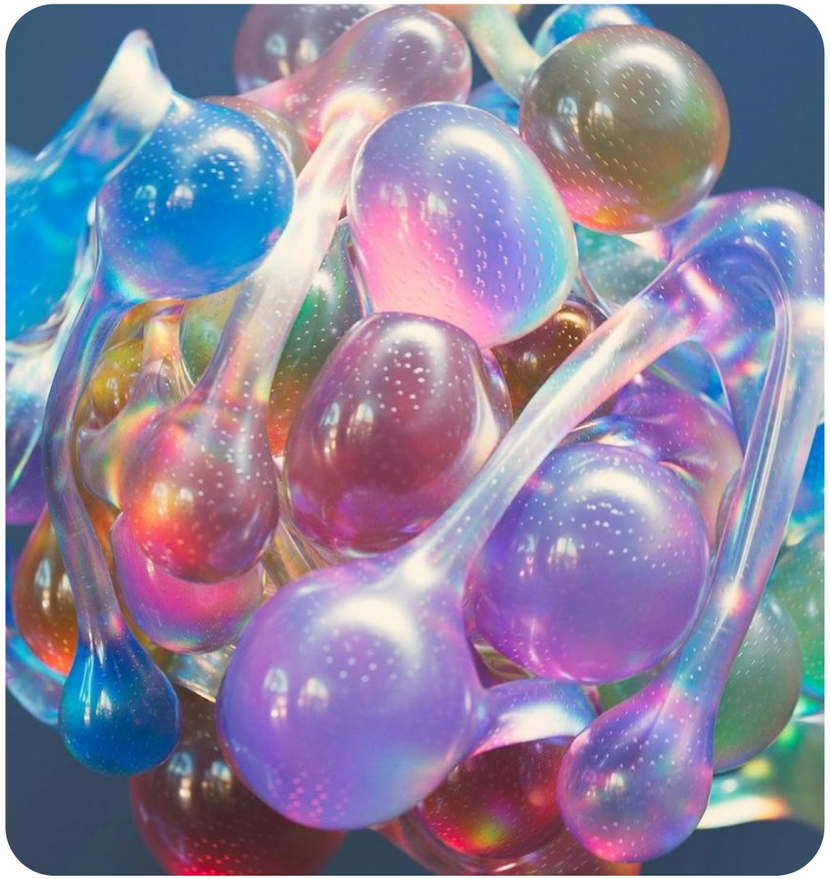
04 **Real-world validation**

Five clinical use cases test IMPACT-MED solutions in real settings across Europe.

A connected digital ecosystem
Technology for proactive care

At the heart of IMPACT-MED is a **clinically enriched digital ecosystem** that supports multidisciplinary care, patient engagement and data-informed decision-making.

- AI-based risk stratification & predictive algorithms
- Remote monitoring, wearables & connected devices
- Advanced imaging & blood-based biomarkers
- Patient-reported outcomes & experiences (PROMs / PREMs)
- Interoperable platforms & data integration tools
- Knowledge warehouse & observatory dashboard



Built with attention to:

Interoperability **Privacy** **Security** **Usability**

Clinical relevance **Regulatory alignment**

Clinical use cases

Multiple diseases, one connected care model

Four real-world clinical settings across Europe validate the MCMC model and generate evidence on effectiveness, experience and value.

UC1

AI-driven hypertension management

Better blood pressure control and earlier detection of cardiovascular risk.

UC2

Remote monitoring for cardiovascular care

Follow-up and continuity of care after myocardial infarction with hypertension.

UC3

Type 1 diabetes self-management

Remote monitoring and personalised education for children, adolescents and young adults.

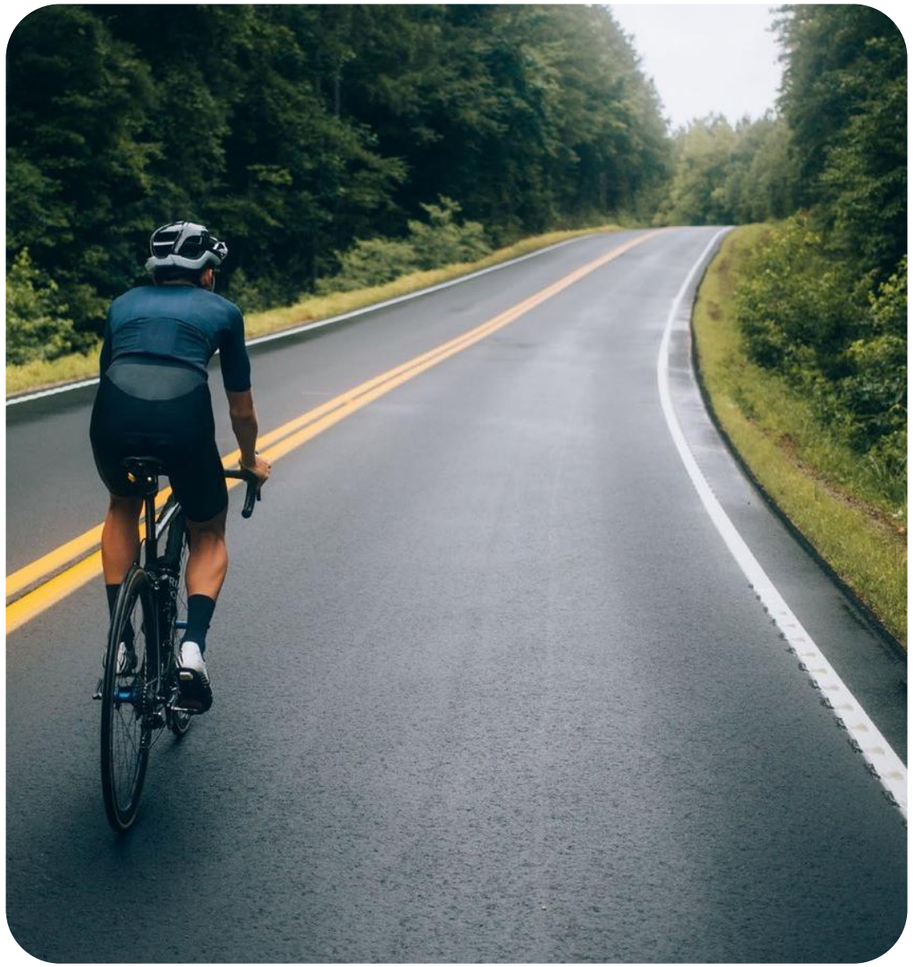
UC4

Personalised care for type 2 diabetes & obesity

Imaging, biomarkers, patient data and AI to guide personalised treatment.

Expected impact

Proactive, personalised and sustainable care



For patients

- Earlier detection of risk and complications
- More personalised care and follow-up
- Better support for self-management

For healthcare professionals

- Better coordination across specialties
- Data-informed decision support
- More efficient follow-up and monitoring

For healthcare systems

- Reduced fragmentation of care
- More efficient use of clinical resources
- Scalable, sustainable care models

For society

- Lower burden of cardiometabolic disease
- Patients and citizens shaping future care
- Evidence to inform European health policy

The consortium
26 partners across 13 countries

Hospitals, universities, research organisations, technology developers, industry, SMEs and patient organisations, coordinated by **Universita Campus Bio-Medico di Roma (UCBM)** with **Medtronic Ibérica (MDT-IB)** as industrial lead.



IMPACT-MED Community
Join a European ecosystem

Connecting stakeholders to advance integrated, patient-centred cardiometabolic care across Europe

Who is it for?

Healthcare professionals & researchers
Engage in discussions on integrated care and contribute to early validation and co-creation activities.

Industry, SMEs & innovation actors
Exchange perspectives on scalability, interoperability and opportunities in emerging digital health models.

Patients, caregivers & advocacy groups
Share experiences and expectations so future care pathways stay patient-centred and relevant.

How it works

Workshops & co-creation sessions
Clinicians, researchers, patients and innovators explore new approaches and shape the IMPACT-MED model.

Interviews, consultations & knowledge exchange
Share perspectives, identify challenges and generate feedback for development and validation.

Community updates & opportunities
Regular news on progress, use-case developments and ways to take part in activities.

Sign up at impactmed-ihi.eu

impact-med

Learn more at www.impactmed-ihi.eu

IMPACT-MED project (IHI)

@impactmedihi.bsky.social

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