impact-med

Advancing cardiometabolic care through a connected multidisciplinary model

Project Snapshot

Duration — **April 2026 - March 2031**
Initiative — **IHI Call 9**
Project ID — **101253530**
Funding — **EU contribution: €14.2M I Industry contribution: €8.7M**
Coordinator — **Università Campus Bio-Medico di Roma (UCBM)**
Industrial lead — **Medtronic Ibérica**

Problem

Cardiometabolic diseases—including hypertension, diabetes, obesity, coronary artery disease and heart failure—frequently coexist, creating complex multimorbid patient profiles that current healthcare systems are not designed to manage effectively. Key gaps persist:

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

- 4M+ — Deaths annually linked to cardiometabolic diseases (Europe)
- €210B+ — Annual cardiovascular healthcare cost (Europe)
- ~60% — Adults affected by overweight or obesity
- 61M — People living with diabetes (Europe)

Objective

To design, develop and validate a Multidisciplinary Cardio-Metabolic Care (MCMC) framework, supported by a clinically enriched digital ecosystem, enabling personalised, proactive and scalable care across the cardiometabolic continuum.

Approach

- Multidisciplinary care across cardiometabolic conditions.
- Combination of mature and emerging technologies.
- Alignment of clinical, digital and organisational components.
- Co-creation with patients and healthcare professionals.

Patient stratification based on clinical complexity and self-management capacity, enabling personalised and continuous care pathways.

Impact on industry

IMPACT-MED will deliver a Multidisciplinary Cardio-Metabolic Care (MCMC) framework, enabled by a clinically enriched digital ecosystem:

- **Validation of AI-driven and digital solutions in clinical settings.**
- **Facilitates integration across multidisciplinary care pathways.**
- **Enables scalable deployment of personalised healthcare solutions.**
- **Reduces fragmentation across clinical, digital and patient-centred domains.**
- **Accelerates adoption of value-based and data-driven care models.**

Outcome & Value

- Validated MCMC framework for multimorbidity management.
- Operational digital ecosystem supporting continuous care.
- Real-world evidence across use cases.
- Scalable and sustainable care models.

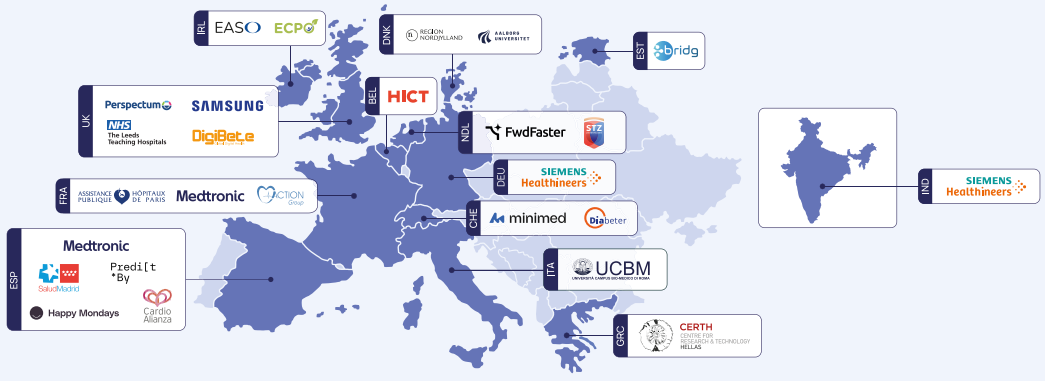
Use Cases

IMPACT-MED validates its approach through real-world use cases across the cardiometabolic continuum.

1. **AI-driven hypertension management** — Risk stratification and early detection of complications using predictive algorithms.
2. **Remote monitoring for cardiovascular conditions** — Personalised follow-up for hypertension, CAD and HF.
3. **Type 1 diabetes self-management** — Digital tools to support education, adherence and patient empowerment.
4. **Type 2 diabetes personalised care** — Integrated monitoring and tailored treatment based on patient data.

Consortium

25 partners across 13 countries



Prevention → Diagnosis → Treatment → Monitoring → Continuous Care

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