

Powerful Medical

Powerful Medical is an innovative medical device manufacturer, pioneering AI-powered diagnostics to address cardiovascular diseases, as the world's leading cause of death.



Established in 2017



Co-Founders: Martin Herman (CEO), Dr. Robert Herman (Chief Medical Officer), Simon Rovder (CTO), Viktor Jurasek (CPO), Felix Bauer (COO), Timotej Palus (Senior AI Developer)



Number of Employees: 55-60



Offices: Chicago, USA — Bratislava, Slovakia — Aalst, Belgium



Investment: € 13.7 million / \$ 14.6 million



Investment Rounds Up to Date: Pre-Seed, Seed



R&D Focus: cardiology AI

Mission

To pioneer the development and adoption of AI-powered diagnostics for the timely and effective treatment of cardiovascular diseases, the leading cause of death worldwide. Committed to pushing the boundaries of what's possible in modern medicine, we aim to extend and improve the lives of those affected by heart disease.

Vision

To reduce the global burden of cardiovascular diseases, aiming for a future where heart attacks no longer claim lives.

Major Achievements and Milestones

Powerful Medical has been chosen from 4,000 companies to receive €7.5 million in funding from the European Innovation Council and SMEs Executive Agency (EISMEA). This funding includes a €2.5 million grant followed by a €5 million investment.

Powerful Medical **won the European Small and Mid-Cap Awards 2023**, an event organized by the European Commission in Brussels, Belgium. These awards recognize best practices and encourage the growth of small and medium-sized enterprises (SMEs) across Europe.

Our founders, **Martin Herman and Robert Herman, were recognized in the Forbes 30 Under 30 Europe 2024** list for the Science and Healthcare category. In 2022, our Chief Medical Officer, Dr. Robert Herman, accepted the invitation to serve as an EAPCI Research, Digital, and Innovation Committee Member of the European Society of Cardiology. He is one of the youngest committee members to date.

Flagship Product: PMcardio

PMcardio is an AI-powered ECG interpretation platform, setting a new standard in cardiac diagnostics. Targeting the biggest cause of death worldwide, this clinical management tool enables healthcare professionals to detect acute heart attacks along with 38 other cardiac conditions at the first point of contact.



Regulatory Approvals

- ✓ Powerful Medical is independently certified as a Medical Device Manufacturer by TÜV SÜD.
- ✓ The PMcardio Platform is certified as a CE-marked Class II(b) medical device according to the EU Medical Device Regulation (MDR) 2017/745.
- ✓ Our platform is in full compliance with the General Data Protection Regulation (GDPR) – widely considered to be the most stringent global privacy standard.
- ✓ Our Information Security Management System fully complies with ISO 27001, a global standard for managing information security to protect data integrity, confidentiality, and availability.
- ✓ Powerful Medical adheres to SOC 2 Type II standards, guaranteeing that all data is securely handled to safeguard the interests of our customers and the privacy of their patients.

Partnerships and Collaborations

In 2023, Powerful Medical announced a research & development partnership with Cardiovascular Research Center Aalst in Belgium.

Global Presence and Future Outlook

PMcardio is currently being utilized by 45,000 healthcare professionals in 15 EU countries and the United Kingdom.

As we await FDA 510(K) Clearance, we are preparing to make PMcardio available to healthcare professionals and medical institutions across the USA, the world's largest healthcare market.

Clinical Validation

PMcardio is currently undergoing independent external validation by 32 clinical institutions globally, focusing on local cohorts of chest pain patients. Details of our published clinical validation studies are available on our website.