

Leading the Way in AI-Powered Cardiac Diagnostics with Speed, Accuracy, and Innovation

PMcardio is a market-leading AI-powered ECG platform addressing the world's leading cause of death – cardiovascular diseases. The innovative clinical assistant empowers healthcare professionals to diagnose 38 cardiovascular diseases with the precision of a cardiologist.

The certified Class IIb medical device digitises and interprets any 12-lead ECG in under 5 seconds to provide accurate diagnosis and individualised patient treatment recommendations.

5x

Better arrhythmia detection *

8x

Better heart attack detection *

38%

Average improved diagnostic precision **

* Compared to the current state-of-the-art in clinical use environment (GP for arrhythmia; Cardiologist for heart attack).
 ** Compared to general practitioners, an average of 38% improved detection of ECG diagnoses across all evaluation metrics.



Download PMcardio to Optimise Patient Outcomes and Enhance Your Practice Today



Quick & Confident ECG Diagnostics

Interpret ECGs in less than 5 seconds and accurately diagnose 38 cardiovascular diseases.



Immediate Referral Recommendations

Get help making treatment decisions and always adhere to the latest clinical practice guidelines.



Reduction of Incorrect Referrals

Triage patients correctly thanks to the in-app traffic light system and refer them correctly into secondary care.



Improved & More Efficient Workflows

Treat more patients within your practice and enable additional billing.

How to use PMcardio

1. Take a photo of any ECG to digitise it.
2. Enter basic patient parameters to interpret the ECG.
3. Get instant recommendations on treatment and patient referral.
4. Export and download a professional ECG report or store it safely in the app.

Certifications & Security



**Class IIb
Medical Device**



**ISO
13485:2016**




**GDPR
Compliant**



**Amazon Web
Services**



Contact us at
 powerfulmedical.com

✉ sales@powerfulmedical.com
 ✕ @PowerfulMedical



**POWERFUL
MEDICAL**

AI-Powered Detection of Occlusion Myocardial Infarction (OMI)

CLINICAL NEED



Frequent Misidentification

- Majority of ACS patients present without typical ST elevation¹
- 25-30% of NSTEMI have unrecognized acute total occlusion²



Delayed Management

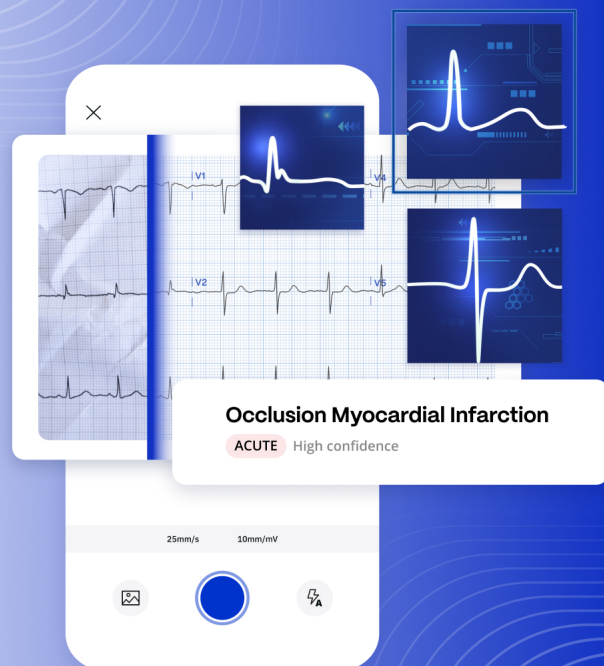
- NSTEMI-OMI patients are managed 14.9 hours later than STEMI³
- 2x higher short and long-term all-cause mortality²



False Positive Activation

- Up to 15% of cathlab activations due to perceived STEMI criteria are found to be false positives without a culprit or flow limiting lesion⁴

1) Collet, et al. *European heart journal* (2021); 2) Khan, et al. *European heart journal* (2017);
3) Herman, et al. *EuroPCR* (2023); 4) Larson, et al. *JAMA* (2007);



2x

Higher sensitivity than standard of care



2,222

Number of patients in validation



3,254

Number of ECGs in validation



EU & US

Geographical coverage in validation

3h

Faster OMI diagnosis than STEMI criteria



0.94

Area Under Curve



83%

Sensitivity



93%

Specificity

Unlocking the Full Potential of the ECG...

AI Suite	Feasibility	Development	Validation	Submission	Market Authorization
Acute Coronary Syndrome (ACS) Suite					
OMI Module					
Heart Failure (HF) Suite					
Electrophysiology (EP) Suite					
Predictive Suite					



Scan to join 1,600 research institutions
shaping the future of cardiology!



**POWERFUL
MEDICAL**