



Electrocardiograph

ECG-Expert

Smart 12-lead resting ECG

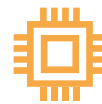
Every heartbeat counts. We capture it.



Up to 12 leads
Smart resting ECG
medical device



Endorsed by
Dr. Josep Brugada
world-renowned cardiologist



4.0 Technology
Wireless, cloud-connected
digital workflow



Portable
User-friendly &
paper-free

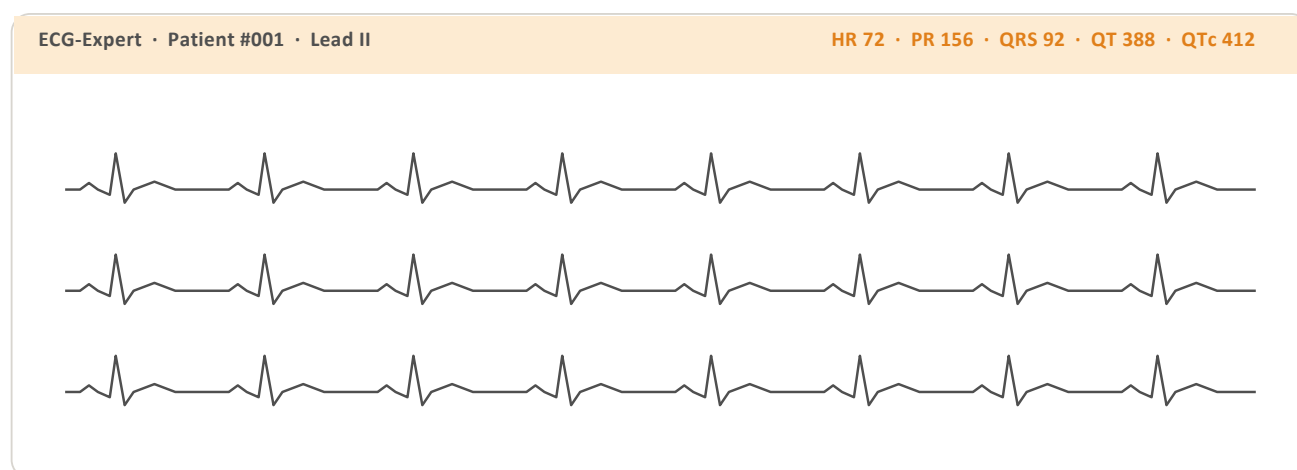
medicalcse.com

Made in Barcelona

A 12-lead ECG that fits **your workflow**

ECG-Expert pairs over Bluetooth with a handheld device — smartphone, tablet or laptop — running CSE Medical's proprietary app. Acquire a clean 12-lead resting ECG in seconds, with no paper, no chart recorder and no cables to a fixed monitor.

Every study is visualised, measured and exported on the connected device. From there it can be sent to the Cordys AI server for automated analysis, and stored in ECG Cloud — analysed or not — for later cardiology over-read.



LEADS
6-12

** Eligible*

DURATION
≥10 sec

** 10s, 30s and continous*

CERTIFICATION
MDR Class IIa

NB 0318

ENDORSED BY
Dr. Josep Brugada

Clinical-grade features

01

12-lead acquisition

Wireless front-end module for a full standard ECG.

02

Auto measurements

HR, PR, QRS, QT, QTc and axis on every study.

03

Multi-platform app

Native apps for Mac, iOS, Android™ and Windows.

04

AI analysis

Optional automated analysis on the Cordys AI server.

Why ECG-Expert

ECG-Expert is a Class IIa electrocardiograph designed and built in Barcelona by Custom Software & Electronics, S.L. Six things make it the right choice for primary care, occupational health, sports medicine and pre-hospital settings.

01

Wireless 12-lead

A compact wireless front-end captures a full standard 12-lead resting ECG and streams the signal to the paired device.

02

Endorsed by Dr. Brugada

Endorsed by Dr. Josep Brugada, world-leading cardiologist, with clinical input from the Brugada team.

03

Multi-platform native apps

Native applications for macOS, iOS, iPadOS, Android™ and Windows. Available on the App Store and Google Play.

04

Paper-free workflow

Studies are visualised on screen, measured automatically and exported digitally — no chart recorder, no printer, no archive boxes.

05

ECG Cloud over-read

Optionally route studies through ECG Cloud to a partner cardiologist for remote diagnosis and a signed report back into the workflow.

06

Regulated and ready

MDR marked under Notified Body 0318, ISO 13485 quality system built for use in regulated clinical settings.

Works where **you need it**

ECG-Expert installs on the devices your team already uses. ECG Cloud extends the workflow with a four-step remote-cardiology service that turns every recording into a billable, traceable clinical event.

STEP 01 · CAPTURE

01

Health centre records the ECG

A wireless 12-lead, 10-second resting ECG is acquired on the ECG-Expert front-end and app.

STEP 02 · UPLOAD

02

Study is sent to ECG Cloud / AI Server

The study is sent using DICOM protocols to the ECG Cloud and / or AI Server

STEP 03 · DIAGNOSE

03

Cardiologist performs the read

A notified cardiologist reviews the waveform, dictates findings and signs the diagnostic report.

STEP 04 · RETURN

04

Diagnosed report is downloaded

The completed PDF report lands back in the originating device, ready to share or archive.

In the right hands

Intended for healthcare providers qualified in ECG acquisition and interpretation — GPs, internists, cardiologists, nurses and ambulance professionals — for adult and adolescent patients in any setting where a 12-lead resting ECG is clinically indicated.

PLEASE NOTE

- ✗ Not intended for life-supporting / life-sustaining or continuous monitoring.
- ✗ Interpretations must be confirmed by a qualified healthcare professional.
- ✗ Always consider clinical history, symptoms and other diagnostic findings.



AVAILABLE ON



REGULATORY

MDR Class IIa · NB 0318
ISO 13485 Certified

OTHER CERTIFICATIONS

SFDA (Saudi Arabia), INVIMA (Colombia), ANMAT (Argentina), SAHPRA (South Africa), MDA (Malaysia), BPOM (Indonesia), NMPB (Sudan), ISP (Chile), MOHAP (UAE).

MANUFACTURER

Custom Software & Electronics, S.L.

c/ Sant Antoni Maria Claret, 167
Recinte Modernista Sant Pau - Pavelló Sant Manel
08025 Barcelona
Tel: +34 722 613 269



SCAN TO CONTACT US

medicalcse.com

Point your phone camera at the code to reach our contact form.