

The Future of Cardiac Care is here-

A revolutionary electrocardiogram (ECG or EKG) by QT Medical



The only hospital-quality 12-lead ECG for professional and patient use

From Doctors' Offices to Patients' Homes



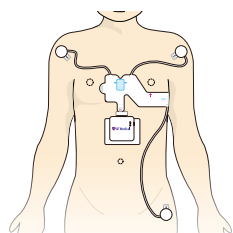
Simplicity

PCA 500 makes 12-lead ECG procedures so simple that people with no experience or training, even patients, can complete a medical standard ECG test.



Efficiency

No more placing 10 separate electrodes and connecting 10 lead wires. PCA 500 electrodes save up to 70% of time in leads placement.



Accuracy

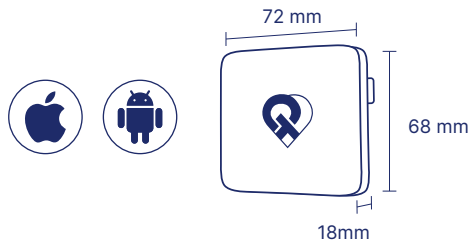
2% of ECG tests have lead-placement errors that can lead to misdiagnoses. PCA 500 greatly reduces the chances for such errors.





Most Compact

PCA 500 is the world's most compact 12-lead ECG recorder, compatible with iOS & Android tablets and smart phones.

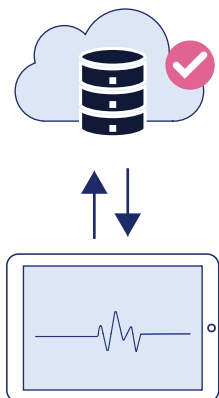


Quality

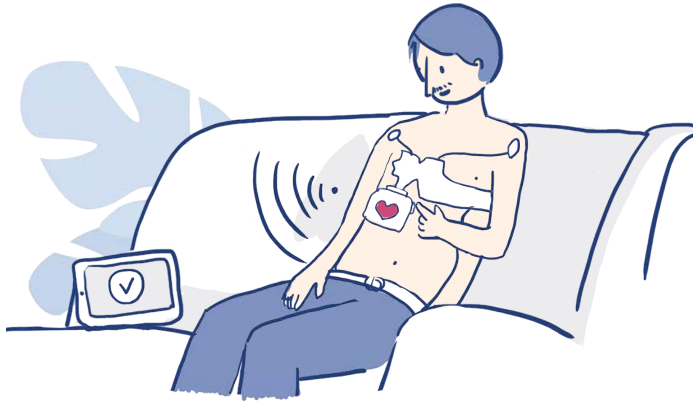
Thanks to the single-piece electrode design, no leadwires, and superior signal processing algorithms, the quality of ECG conducted at home is comparable to, often better than, tests done in the hospital. The computer diagnostics is powered by machine learning and the accuracy will increase over time.

Accessible and Secure

All ECGs are managed in the HIPAA-compliant cloud and can be accessed from anywhere. ECG reports in pdf are EMR-compatible.

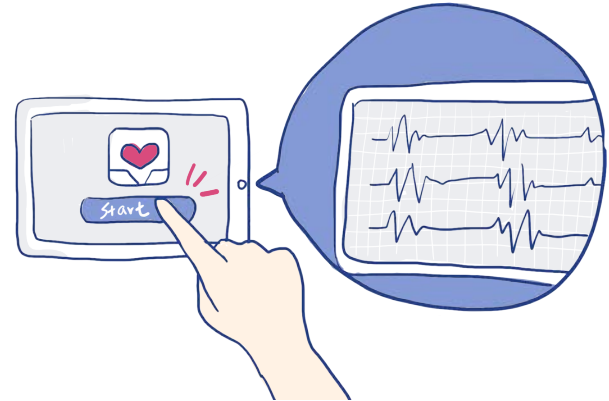


PCA 500 for Telehealth and Remote Monitoring



Pair Personal Cardiac Assistant 500 (PCA 500) to a compatible mobile device.

1



Through the QT ECG App, view and record an ECG at the touch of a button.

2



ECG results are uploaded to our HIPAA & GDPR compliant cloud.

3



Physicians can log in remotely to view and interpret the ECG.

4

Clinical Applications



Clinics & Urgent Care Centers



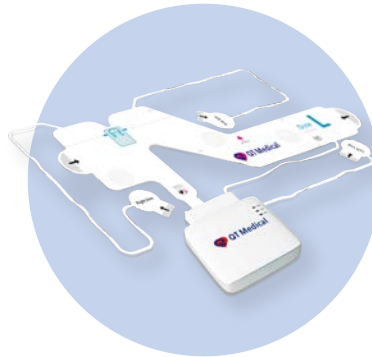
Telehealth



Remote Care



Correctional Health



EMS Prehospital Care



CRO & Clinical Trials



Nursing Homes, SNF



Athlete Screening

How does QT Medical 12-lead ECG compare with Apple Watch and AliveCor?



	PCA 500	Apple Watch	AliveCor KardiaMobile
Leads	 12 leads	Single lead	Single lead
Clinical use	 Comprehensive assessment for arrhythmia, structural changes, ischemia, genetic heart disease, and non-cardiac changes.	Heart rate, Afib	Heart rate, Afib
Doctor guidance	 Yes	No	Depends
Insurance	 Covered as standard 12-lead ECG test	Not covered	Depends

Higher reimbursement and lower infection risk for ECG at home

	ECG Test at Home	ECG Test in Office
Reimbursement	 \$51.61*	\$17.32
Workflow	 Smooth, no interruption	Takes staff time and room
Dis-infection	 Quick	Time consuming

* CPT code 99457 for Home ECG, and CPT code 93000 for Office ECG, based on 2020 Medicare Physician Fee Schedule.

This information is presented for illustrative purposes only and does not constitute reimbursement or legal advice.

Why do you need 12-Lead ECG?



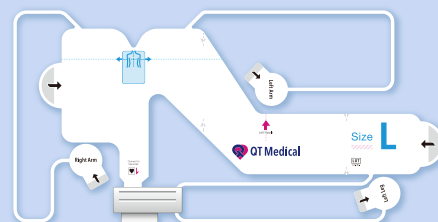
1-lead ECG
detects

VS



12-lead PCA 500
detects

1-lead ECG		12-lead ECG
✓	Arrhythmia	✓
✗	Heart Attacks (STEMI)	✓
✗	Long QT Syndrome	✓
✗	Electrolyte Imbalance	✓
✗	Adverse Effects of Medications	✓
✗	Worsening Heart Failure	✓
✗	Pericardial Effusion	✓
✗	Cardiomyopathy	✓
✗	Myocarditis	✓



Recorder Specification

Leads	12
Recording format	10-sec standard resting 12-lead ECG
Output Sampling Rate	1000 Hz
Connectivity	Bluetooth 4.0 dual mode
Indicator	3 LEDs (power, connection, recording)
Button	1 Power button
Connector	QT ECG Electrode connector
Battery	Li-ion 3.7V, 700 mAh, rechargeable, charging time approx. 1.5 hrs from depletion to 90%
Operating Time	Approx. 16 hrs of continuous use from full charge
Ingress Protection	IP22
Weight	67 g / 2.4 oz
Dimensions	72mm x 68mm x 18mm / 2.84" x 2.68" x 0.70"

Electrode Specification

Lead electrodes	10
Size	S, M, L, XL
Indication of Use	Single patient use, adult age 18 and over
Shelf-life	2 years
Weight	< 60g / 3.9 oz
Dimensions (package)	320mm x 210mm / 11.42" x 13.70"
Environmental Condition	Operating : +5°C ~ +30°C / +41°F ~ + 86°F Storage & Transportation: : +5°C ~ +30°C / +41°F ~ + 86°F