

Providing the next level of care  
in an efficient digital environment with

# QT Medical



Leader in **ECG Technology**

# QT ECG™ Recorder

## Compact

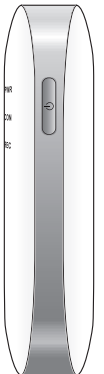
QT ECG™ recorder is the world's most compact 12-lead ECG system that weighs only 67 g.

## Wireless

Along with the use of QT ECG electrode system, QT ECG recorder collects and sends ECG data wirelessly to the QT ECG App (available on iOS and Android tablets.) No more messy wires and cables!

## Biocompatible

QT ECG system is built with the highest medical grade quality. It has been tested on 2582 newborns in a clinical trial funded by the National Institutes of Health (NIH).



## QT ECG™ Sustainable Competitive Advantage

Fast and Accurate Leads Placement → Reliable and Consistent ECG Accuracy

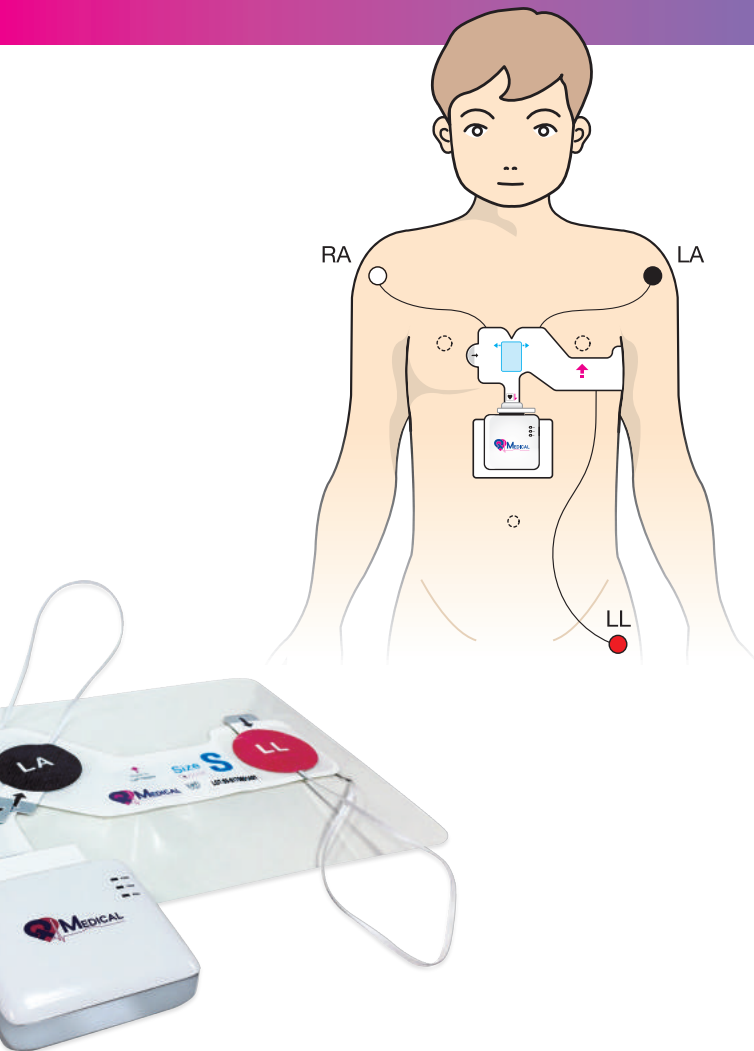
### Problem:

Leads placement errors occur in about 2% of all ECGs. The errors typically occur when there are misplaced electrodes, or a misconnection of cables with electrodes. Such errors can lead to inaccurate data and misdiagnoses. Valuable time and money will be wasted on performing additional tests and correcting the errors. When ECG tests are done on the same patients at different times, the results are inconsistent. The differences in ECG can be from variations in electrode placements or changes in the clinical condition of the patient. In conventional ECG practice, 10 electrodes are to be placed at specific locations on the body, thus variations in electrode placement are likely to occur. This practice makes it harder for the doctors to determine the cause of changes in the ECGs.



# QT ECG™ Electrode System

Better Quality ECG with Improved Accuracy and Consistency



## Faster

In preliminary testing, our revolutionary, integrated ECG lead system, compared to conventional lead placement, could save up to 70% time in an ECG test.

## Simpler

QT ECG electrode system is a pre-positioned electrode strip. It simplifies the setup and placement procedure, enabling anyone to perform a full 12-lead ECG in a matter of less than 3 minutes\*.

## Better

QT ECG electrode system significantly lower the chance of lead-placement errors that happens with the conventional method of placing 10 separate electrodes, which can lead to misdiagnoses.

Lower risk of disease transmission  
--The integrated electrode strip is designed for one time use only, which eliminates the risk of patient-to-patient disease transmission.

## Advantage

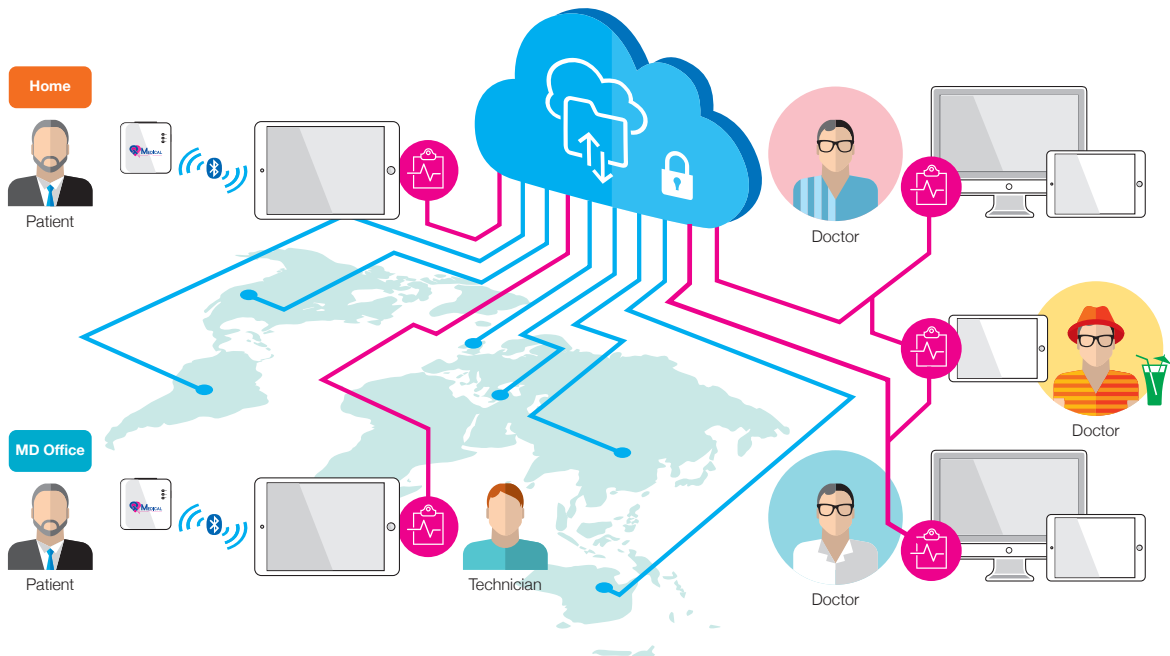
Acquisition for Accurate Diagnosis

### Solution:

With QT ECG™ electrodes, we reduce the variations in electrode placement and we significantly lower the chance of leads misplacement errors. With the one-piece, integrated electrodes, proper sensor positions will guarantee accuracy and consistency. QT ECG™ will help doctors acquire more consistent data and determine the real cause of ECG changes.

\*70% more efficient – The data collected from the ongoing clinical trials in hospitals and physician offices shows an average of 3-minute total ECG procedure time.

# DELIVER CONNECTED CARE THROUGH SECURE SYSTEM



## QT ECG™ App

### Unparalleled Capabilities

QT ECG™ APP for iPads and Android tablets provide exceptional quality and functionalities. Our App has received overwhelmingly positive user responses from UCLA cardiologists and physicians.

### Rapid Analysis & Diagnosis

QT ECG™ App enables real time ECG display. It allows for immediate data transfer to doctors. The quick and easy data acquisition will facilitate early diagnosis and treatment of heart problems.

### Data Management

You will be able to view and compare the current ECG with the previous data. Other functions include, view, save, export, change of gain and speed, serial comparison and caliper measurement.

## Cloud Management

### Sharing

QT ECG™ cloud management system allows you to store and manage all of your ECG data in one secure place.

From the cloud management page, it takes only a single click to share your data with trusted individuals. You can also track your shared information, modify or cancel at any time.

### Convenience

With QT Medical cloud system, you can access your data anywhere and anytime using mobile devices.

### Security

QT Medical goes above and beyond to protect your privacy and confidentiality. All documents and encrypted data are transferred through a secure HIPAA web connection. When the transfer is complete, the associated document is deleted from the server. In addition, you can erase transfer history at any time through the cloud management page.

# A REVOLUTIONARY WAY TO IMPROVE CARDIAC CARE

## QT ECG™ Workflow

Operate cost-effectively with a streamlined, paperless workflow

ECG workflow has become more simplified over time, yet QT Medical is taking it to the next level.

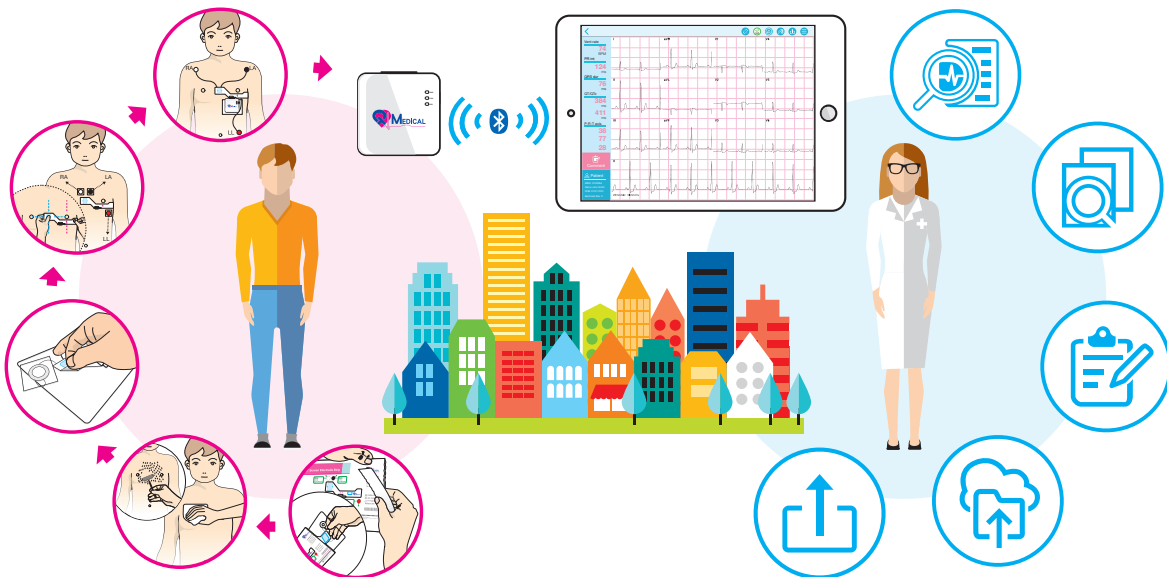
Just follow these simple steps to streamline your ECG workflow:

1. User peel-and-apply the QT ECG electrode strip and connect the QT ECG™ system
2. QT ECG™ system wirelessly sends recorded data to QT ECG App on iPads or Android tablets.
3. QT ECG App allows users to view and analyze ECG data in a familiar interface, at the same time, allow users to share and store ECG data through secured cloud server.
4. The ECG data is then viewed and interpreted by a qualified cardiologist.
5. All ECG data will be stored and organized accordingly for the designated patient and cardiologist.

**70%** more efficient

The preliminary data to date suggest that it takes less than 3 min for the entire ECG procedure, and it saves up to 70% time.

QT ECG™ will streamline your ECG workflow, save time and personnel cost while providing superior care to your patients.



QT ECG is pending FDA clearance for clinical use. It is being used in clinical trials as investigational device under IDE.

# SPECIFICATIONS & KEY FEATURES



## QT ECG™ RECORDER

QT ECG™ is the world's most compact 12-lead ECG system that produces high quality, digital, wireless, and mobile friendly ECG's. It is smaller than a deck of cards, it fits in the shirt pocket, and it works with iPad and Android tablets.

- Medical grade
- Dimension: 7.2 × 6.8 × 1.8 cm
- Weight: 67 g
- Operation time: 12 hours of continuous use
- Wireless connectivity: Bluetooth
- DICOM support
- Leads-off indicator

## QT ECG™ ELECTRODE SYSTEM

- Patented one-piece electrodes
- 4 sizes for adults
- One-time use only

## BATTERY and WALL CHARGER

- Medical grade USB wall charger
- 700 mAh rechargeable Lithium-Ion battery
- 12 hours of continuous use
- 1.5 hours of charging time

## QT ECG™ APP

QT ECG™ connects with iOS & Android tablets via Bluetooth, and transmits and displays the full 12-lead ECG in real time with high resolution.

- 1000Hz sampling rate suitable for adults
- Adjustable gain and speed function  
Sensitivity : 5, 10, 20 mm/mV, auto  
Speed: 5, 25, 50 mm/s
- Measure heart rate, PR interval, QRS duration, QT/QTc, P-R-T axis
- 12-lead ECG waveform overview
- Detail view with caliper for fast interval and duration lookup
- Serial comparison of different ECG's by superimposing the waveforms

QT ECG is not yet cleared by the FDA. Our submission for 510(K) clearance by the FDA is pending.



**QT Medical.**  
Leader in ECG Technology

# About QT Medical Inc.

**QT Medical, Inc.** Founded in 2013, QT Medical started as a spin-off of Los Angeles BioMedical Research Institute in Torrance, CA. We aim to improve the accuracy of medical diagnoses and bring personalized care to patients anytime, anywhere. Our technology focuses on ECG and our mission is to improve cardiac health for everyone through superior technology. The goal in the next 10 years is to make ECG available for home use by patients with chronic heart disease, and screening for LQTS in newborns and risk for sudden cardiac death among young athletes.

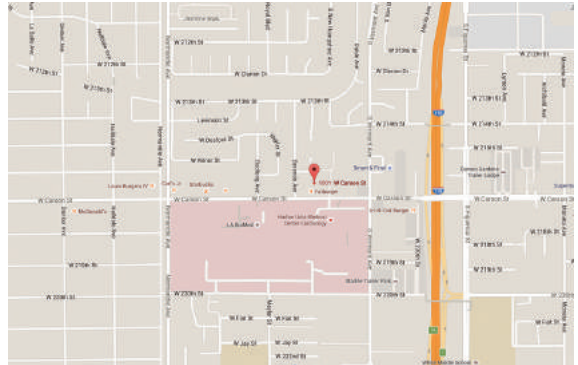
QT Medical will bring fundamental changes to the industry. We will change HOW ECG tests are done, WHERE the tests are done, and WHO will do the tests. We will make hospital quality 12-lead ECG available to everyone for home use, and will create many new markets for the industry. Our mission is to improve heart health for infants, children, adults, and the elderly. We strive to become the **leader in ECG technology** and to dominate the new and emerging ECG markets.

## Contact Us

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## Follow us



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