



Quinton® Q-Stress® Cardiac Stress System



A reputation for innovation and excellence

In 1953, Dr. Robert Bruce developed a protocol that made possible consistent and repeatable cardiac testing at elevated heart rates. Soon after, Wayne Quinton created the world's first mechanical treadmill designed to monitor cardiac function in exercising patients. Together, Bruce and Quinton pioneered the technology for modern cardiac stress testing.

Today the Quinton Q-Stress cardiac stress system, winner of multiple awards, is in its ninth generation. You can depend on Q-Stress to deliver consistent, durable and reliable performance to keep your department running smoothly.



Quinton® Q-Stress® by Cardiac Science

Accurate, durable, streamlined – and new

Cardiac Science

Institution: 000
IC: _____
Attending: Larson MD, Ander _____
Referring: Short MD, Tim _____
Date: 10/7/2008 11:10 AM _____

Patient
Last Name: Doe First Name: Jane
Date of Birth: 3/25/1945 Name: FEMALE
SSN: 444-44-4444 MRN: 123456789
Height (in): 68 Weight (lb): 155

Smoker: Yes _____ No _____
Diabetic: No _____
Cholesterol (mg/dl): (Total) _____ (HDL) 85 (LDL) 145

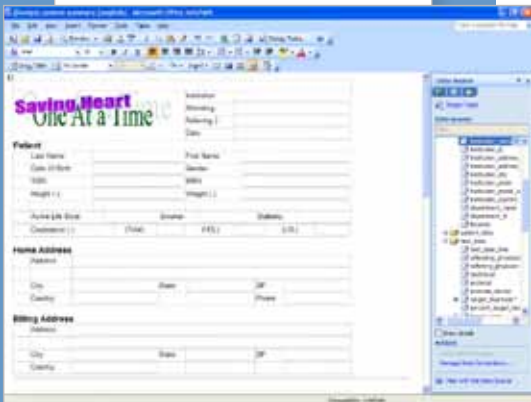
Reason For Test
Angina

Reason For Ending Test
Patient experienced Fatigue/Weakness along with Chest pain.

Test Observations
Chest Pain: Limiting

The new Quinton Q-Stress 4.0 incorporates the latest innovations in stress testing with the intuitive workflow and ease of use that you've come to expect from a Cardiac Science system.

- + New customizable summary reports make it possible for you to determine the exact layout and content of your report, including importing a logo. You can deliver custom reports for each of your physicians based on their specific needs.
- + The new ramped protocol generator lets you create multiple ramped protocols for treadmills or ergometers. It's easy to change exercise duration and effort levels "on the fly" so your patients won't have to repeat the test.
- + Q-Stress is designed with you in mind. It is easy to learn the left-to-right workflow, and simple-to-understand icons and intuitive controls guide technicians through the stress test. Busy stress labs use QuikLists to enter comments quickly and efficiently.
- + Our proprietary algorithm, baseline wander, and motion artifact filters reduce noise and produce clean ECG tracings even at high speeds and steep grades. Patients will appreciate getting the best test results the first time.



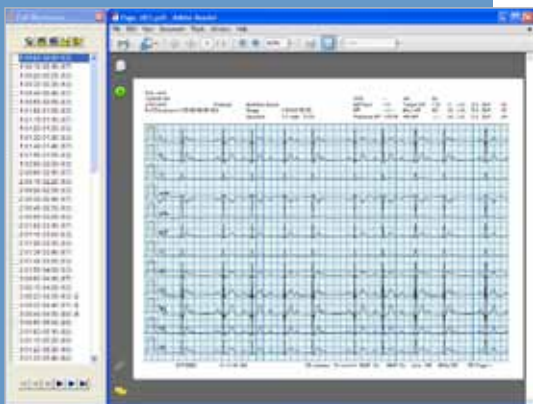
Custom Report. You can create your own custom summary report. Include the data you want, how you want it.



Using QuikLists, create your own conclusions and observations for

FreezeFrame and Full Disclosure options

- + Our unique FreezeFrame option, provides you an 'instant replay' of any waveform during the test. You can "freeze" any ten-second ECG strip and compare it with "live" ECG tracings. Q-Stress prints side-by-side comparison reports, too.
- + With the Full Disclosure option, you can capture and review every beat for absolute clinical confidence.

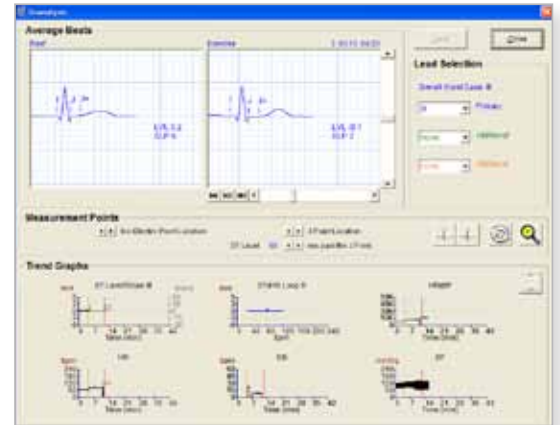


Full Disclosure. Allows capture and review of every beat for absolute clinical confidence.

We've put all this and more into the Q-Stress 4.0 so that you can spend less time working with technology and more time working with your patients.

Risk scoring and re-analysis options

- + Include a patient's risk score based on the Duke, Framingham, and Functional Aerobic Impairment (FAI) indices with our risk scoring option. Automatic risk scores provide additional prognostic data to clinicians and are easily added to the report.
- + With re-analysis, technicians can review a complete test after the procedure has ended. The built-in analysis tools allow modification of the original iso-electric points, J points, and timing to adjust for new patient data or to compensate for physiological changes during the test. Individual and multiple leads can be reanalyzed using new iso-electric points for a "Holter-like" review.



Re-Analysis. Review and modify the iso-electric and J points if necessary after the test is complete.



*...n comments,
...simple reporting.*



Quinton Q-Stress Connectivity

Quinton Q-Stress has the flexibility to connect to your Healthcare IT system in the way that works best for you to enhance your clinical workflow.

- + Bi-directional communication using HL7 or DICOM enables the import of demographics, billing, and procedure codes to Q-Stress. Export comprehensive test reports to help minimize documentation errors and lost billings.
- + Connects to virtually any EMR, HIS, PACS, and other healthcare IT systems; e.g., GE MUSE.
- + Easy to implement: Q-Stress requires little to no healthcare information system customization.
- + If your healthcare information system changes, we make it easy to update and maintain the link.
- + The Q-Stress also utilizes XML and PDF technology to connect you to systems such as Pyramis® ECG Data Management, HeartCentrix®, network storage, printing, and email.

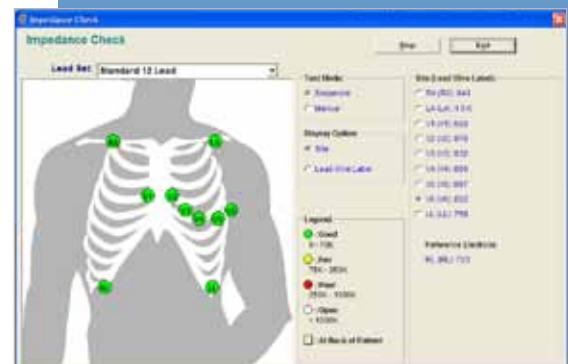
Quik-Prep™ automated patient prep system

- + Clinicians prep patients faster and with confidence, knowing that each prep site will produce a high-quality trace virtually free of dropout and baseline drift.
 - + Our patented Quik-Prep electrodes are designed to hold up and hold on during heavy perspiration, excessive patient movement, and lead-wire tugging.



DID YOU KNOW ?

Quinton Premier paper provides optimal printer performance for Quinton Q-Stress. We make our thermal paper with the smoothest base papers, inks, and coatings to minimize printer wear and render crisp, readable tracings.



Impedance Check. Quickly and easily determine you have a high-quality trace.

You can depend on Q-Stress for durability and reliability, and know that the system is backed by Cardiac Science's superior service programs.



Gold-standard Quinton TM55 and TM65 treadmills

Our heavy duty treadmills have set the standard for dependability for more than three decades.

- + Our quiet Ultradrive™ treadmills ensure a slow and safe start. It provides exceptionally smooth power and accuracy even at slow speeds and for patients up to 500 pounds (227 kg).
- + The TM55 and TM65 are designed to let the patient feel confident and secure. They meet all major safety and regulatory requirements worldwide.
- + Because there are very few moving parts, our treadmills require minimal maintenance and experience less downtime.



Our treadmills are designed to let you control the speeds and grades remotely.

Cardiac Science Corporation • 3303 Monte Villa Parkway, Bothell, WA 98021 USA • 425.402.2000 • US toll-free 800.426.0337 • Fax: 425.402.2001 • info@cardiacscience.com
Orders and Customer Care (US and International) • 425.402.2000 • US toll-free 800.426.0337 • Fax: 425.402.2001 • care@cardiacscience.com
Technical Support • (US) Fax: 425.402.2022 • technicalsupport@cardiacscience.com • <http://websupport.cardiacscience.com/webchat/> • (International) internationalservice@cardiacscience.com
Cardiac Science International A/S • Kirke Vaerloesevej 14, DK-3500 Vaerloese, Denmark • +45.4438.0500 • Fax: +45.4438.0501 • international@cardiacscience.com
United Kingdom • The Manse, 39 Northenden Road, Sale, Manchester, M33 2DH, United Kingdom • +44.161.926.0000 • uk@cardiacscience.com
France • Parc de la Duranne, 565, Rue René Descartes, F-13857 Aix-en-Provence Cedex 3, France • +33.4.88.19.92.92 • france@cardiacscience.com
Central Europe (D, A, CH) • Oskar-Schindler-Strasse 3, D-50769 Köln, Germany • +49.221.33734.300 • centraleurope@cardiacscience.com
China • 6/F South Building, 829, Yi Shan Road, Shanghai 200233, China • +86.21.6495.9121 • china@cardiacscience.com