A Broader Perspective on Cardiac Patient Management

CASE™ Cardiac Assessment System for Exercise Testing
We added measurements, not complexity

Known for robust ECG signal quality and clinical accuracy, the CASE system also provides a suite of advanced measurements to help you manage a variety of CVD patient groups.

- **Coronary artery disease (CAD)** – CASE is the only stress solution to use ST/HR Hysteresis analysis, shown to improve the accuracy of CAD detection.2
- **Sudden cardiac death** – The CASE system provides critical algorithms – including the patented T-wave Alternans (TWA) algorithm – to assist you in predicting patients at risk of sudden cardiac death.
- **Cardiovascular disease monitoring** – Metabolic equivalent (METS) level achieved during exercise testing is an important predictor of adverse cardiac events after myocardial infarction.3 Failure to achieve 5 METS during treadmill exercise is associated with a worse prognosis.4

Quick, easy-to-read results

The CASE exercise testing system enables a fast, confident assessment

- **In-test access to results** – Access to in-test full disclosure means you can deep dive into any element of the ECG at any time during the test.
- **XTI algorithm** – Highlights measurement deviations, providing an advanced analysis of patients’ functional response, cardiac risk profile and coronary artery disease risk.

The results are displayed in a quick and easy to read format offering you a broad insight into your patients’ response to exercise testing.

Broader measurements.

The CASE Cardiac Assessment System for Exercise Testing supports detection and effective management of Cardiovascular Disease (CVD). It provides clinicians with a suite of comprehensive diagnostic measurements, offering deeper insights and broader perspective on cardiac patient management.

The unique XTI ALGORITHM compares MORE THAN 350 DATA POINTS against established benchmarks.
Broader testing flexibility.

The more testing devices and modalities you can integrate with your cardiac assessment system, the more flexibility you have in choosing the right combination for each patient.

Comfortable and scalable

Wireless acquisition (with optional GEH-ECG 1200*) eliminates the need for cumbersome wires so patients can enjoy untethered movement during testing. CardioSoft Client added to a network PC creates a Multi-modality cardiac review workstation.

Blood Pressure: Accurate, hands-free monitoring

With the SunTech® Tango® M2* automated blood pressure monitor, you can focus on your patient during stress testing rather than spending time taking manual measurements.

Ergometry: Have it your way

The CASE system integrates with both upright and supine eBike ergometers,* as well as T2100 series treadmills. GE Healthcare ergometry devices are known for reliability, robust engineering, and easy access for all body types.

Imaging Studies: Trusted leadership technology

The CASE system easily integrates with imaging technologies, including stress echocardiography and nuclear imaging, to help you evaluate a wide range of heart conditions.

GEH-ECG-1200 & CAM Connect 14 acquisition modules

Suntech Tango M2

Nuclear Imaging & Stress Echo

T2100 series treadmills & eBike Ergometers

* not available in all countries
Broader interoperability. Better workflow.

Cardiac testing is increasingly complex and interoperability with your enterprise systems is critical. The ability to connect CASE to your network gives you more workflow options.

Scalable and flexible.

Whatever the size of your facility, your stress solution can be configured to maximize productivity and simplify workflow based on your IT and clinical needs.

CASE can seamlessly integrate to MUSE™ and PACS systems so results are available virtually anywhere, anytime. Clinical analysis data, report results, manual interpretations and confirmations are included, providing a comprehensive view of the patient’s diagnosis.

- Advanced security and compliance. The CASE system protects your data and system with multi-level password login configurations.
- Open system architecture. GE Healthcare uses industry standard communication protocols, including DICOM and XML.
- Support services. Count on GE Healthcare technical support experts to provide installation, system configuration, upgrade services and remote support.
1 Global, Regional, and National Burden of Cardiovascular Diseases for 10 Causes, 1990 to 2015. JACC. VOL. 70, NO. 1, 2017 https://ac.els-cdn.com/S0735109717372443/1-s2.0-S0735109717372443-main.pdf?_tid=8a00d907-3b78-4665-a5d2-84eb557fd6e3&acdnat=1531820057_515861b187a949d5d0c659f3f3bc3

