



A Broader Perspective on Cardiac Patient Management

CASE™ Exercise Testing System





A broader view. Insight enhanced.

The CASE Cardiac Assessment System for Exercise Testing from GE Healthcare goes beyond conventional ST segment assessment to enable advanced analysis of patient risk, functional response, and ST changes.

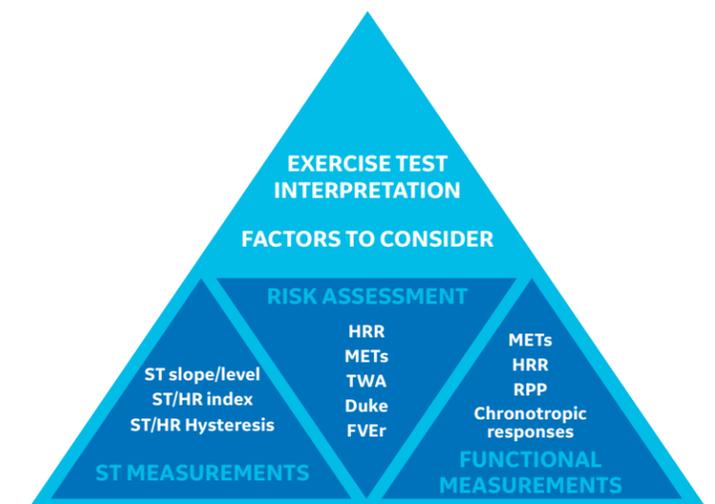
Spectrum of decision support data. The GE-exclusive Exercise Test Interpretation (XTI) program compares the patient's exercise measurements against established benchmarks and highlights deviations. XTI looks beyond ST changes at Functional measurement and Risk prediction, aiding clinicians in the identification of subtle deviations in the test results signaling the need for further evaluation and treatment or for recommendations on lifestyle management.

Identifying Coronary Artery Disease in women. Heart disease is a leading killer of women. GE Healthcare's stress solution is the only one to use ST/HR Hysteresis analysis, which has been shown to improve the accuracy of coronary artery disease detection in this population.¹

Assessing risk of sudden cardiac death. Patients who experience out-of-hospital cardiac arrest (OHCA) have a mere 10 percent chance of survival.² The CASE system provides critical algorithms –including the patented T-wave Alternans (TWA), Heart Rate Recovery, and Duke Treadmill Score – to assist you in predicting patients at risk of sudden cardiac death.

Exercise capacity as an indicator of mortality. MET (Metabolic equivalents of exercise) level or exercise duration achieved on 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

Every test yields valuable decision support data.



¹ R.Lehtinen, H.Sievänen, J.Viik, V.Turjanmaa, K.Niemelä and J.Malmivuo. Accurate Detection of Coronary Artery Disease by Integrated Analysis of the ST-Segment Depression/Heart Rate Patterns During Exercise and Recovery Phases of the Exercise Electrocardiography Test. *Am J Cardiol* 1996; 78:1002-1006

² AHA Releases 2015 Heart and Stroke Statistics. <http://www.sca-aware.org/sca-news/aha-releases-2015-heart-and-stroke-statistics>

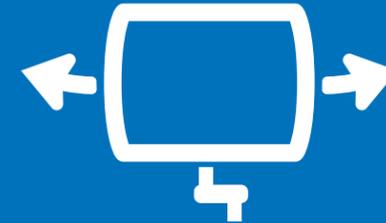
³ Myers, J., et al., Exercise capacity and mortality among men referred for exercise testing. *The New England Journal of Medicine*, 2002. 346(11): p. 793-801.

⁴ D.J.Mertens et.al, A simple formula for the estimation of maximal oxygen intake during cycle ergometry. *European Heart Journal* (1994) 15, 1247-1251.

Workflow simplified. Productivity elevated.



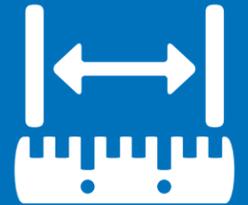
The CASE system's streamlined workflow and digital connectivity help speed patient care and increase staff productivity.



Enter your comfort zone
With a monitor that adjusts to any angle, the CASE system supports operator comfort and productivity.



Proven clinical quality
The CASE brand is known for its high quality clinical accuracy through its embedded Marquette™ 12SL™ ECG analysis, 15-lead stress testing, and robust ECG signal quality.



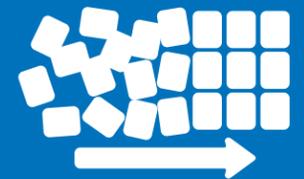
Eliminate manual measurements
SunTech® Tango® M2, eBike ergometers and T2100 series treadmills can be integrated into the CASE system eliminating the need for manual control or recording – so you can focus more time on your patients



Remote review
The ability to connect CASE to a local area network (LAN) gives you more workflow options. Simply add CardioSoft client software to a PC to create a remote workstation for viewing, editing and printing stress data – maximizing efficiency in the stress lab



Fast access to results
CASE seamlessly integrates with CardioSoft, MUSE™, and PACS 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.



Streamlined paperwork
Productivity tools help speed administrative processes, reduce data entry errors, and support efficient charge capture.

Investment protected. Confidence assured.

The CASE system puts the renowned performance and reliability of GE technology in your hands.



Advanced security and compliance. The CASE system runs on the Windows® 10 IoT Enterprise OS and protects your data and system with multi-level password login configurations.



Open system architecture. GE Healthcare uses industry standard communication protocols, including DICOM, XML and TCP/IP.



Scalable and flexible. Whatever the size of your facility, the CASE system can be configured to maximize productivity and simplify workflow based on your facility's IT and clinical needs.



Support services. Count on GE Healthcare technical support experts to provide installation, system configuration, upgrade services and remote support.





GE Healthcare is a leading global medical technology and digital solutions innovator. GE Healthcare enables clinicians to make faster, more informed decisions through intelligent devices, data analytics, applications and services, supported by its Edison intelligence platform. With over 100 years of healthcare industry experience and around 50,000 employees globally, the company operates at the center of an ecosystem working toward precision health, digitizing healthcare, helping drive productivity and improve outcomes for patients, providers, health systems and researchers around the world. Follow us on Facebook, LinkedIn, Twitter and Insights, or visit our website www.gehealthcare.com for more information.

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