



LOGIQ E10

Empowering You to Make the Difference



Enabling Fast Workflow for Cardiac Patients

Clinical challenge

Lengthy exam times are a challenge in cardiac ultrasound imaging. Since patients with cardiovascular disease often have a high BMI, it can be time-consuming to get quality images. Plus, acquiring all the metrics for a precise diagnosis lengthens many exams. The result is inefficient workflow and high risk of sonographer injury.

GE solution

Central to the new system is the cSound™ Architecture that combines versatile XDclear™ probes and the new cSound Imageformer to deliver exceptional image quality within fast scan times across a wide range of cardiac exams, even in challenging cases.



Confident diagnosis

From young adults to geriatric patients, the LOGIQ™ E10 empowers clinicians to obtain high quality images across a range of conditions, including structural anomalies, congestive heart failure, cardiomyopathy, and coronary artery disease.

- **Auto-optimized images** – The system's next-generation cSound Imageformer automatically and continuously delivers incredible uniformity from near to far field. There's no need to adjust the focus – the information you need is there, instantly
- **E-Series and new XDclear probes** – The probes work in tandem with the cSound Imageformer to increase penetration power in all modes, including color and Doppler. The new M5Sc-D XDclear probe is optimized for cardiology, with a matrix design that enables high accuracy in short scan times
- **Advanced imaging modes** – One-click pre-sets optimize image quality for different applications and body types, such as high BMI patients.



Dual Simultaneous Color Flow Jets, M5Sc-D



Transesophageal Echocardiogram Bubbles Valve Replacement, 6Tc-RS

Comprehensive tools

Robust tools help clinicians make accurate and informed assessments.

Contrast agent imaging – Contrast agent imaging with the LOGIQ E10 system optimizes the balance between penetration and resolution for improved contrast sensitivity, such as visualizing the endocardial border when assessing LV function.

Cardiac Strain – Automates 2D speckle tracking to measure the deformation, or strain, of the myocardium in real-time to assist clinicians in:

- Early identification of underlying cardiac disease
- Managing patients on chemotherapy to avoid heart failure due to chemotoxicity
- Diagnosing and managing patients with cardiomyopathy

Concise workflow

The LOGIQ E10 can help shorten exam times, to help you achieve new levels of workflow efficiency in cardiac ultrasound.

Raw Data – Now captures twice the data and helps shorten study times by enabling image processing and quantification after the exam.

Compare Assistant – Enables clinicians to view side-by-side clips of wall motion from current and past studies in order to monitor disease progression – right on the system. No need to move to a workstation.

DICOM® SR/Linked image – Structured reporting formats enable automatic population of measurement values and link directly to ultrasound images to add efficiency and precision to workflow.

Automated Ejection Fraction: A semi-automatic measurement tool used for global ejection fraction.

Imagination at work

Product may not be available in all countries and regions. Full product technical specifications is available upon request. Contact a GE Healthcare Representative for more information. Please visit www.gehealthcare.com/promotional-locations.

Data subject to change.

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