Healthcare Re-imagined

GE is dedicated to helping you transform healthcare delivery by driving critical breakthroughs in biology and technology. Our expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, and biopharmaceutical manufacturing technologies is enabling healthcare professionals around the world to discover new ways to predict, diagnose and treat disease earlier. We call this model of care “Early Health.” The goal is to help clinicians detect disease earlier, access more information and intervene earlier with more targeted treatments, so they can help their patients live their lives to the fullest.

Re-think, Re-discover, Re-invent, Re-imagine.

GE Healthcare
9900 Innovation Drive
Wauwatosa, WI 53226
U.S.A.
www.gehealthcare.com
Excellent raw data image quality.
Advanced quantification.
Increased diagnostic confidence.
Streamlined workflow.
Anywhere you want to go.
With more quantitative tools and a high level of image quality, Vivid i gives you greater accuracy, more diagnostic confidence and increased productivity. All the functionality and high performance of our full-featured premium systems – in a completely portable design.


Lightweight mobility. Heavyweight ability.

Performance features and clinical tools
- New Ultra Definition algorithms for Speckle Reduction Imaging (SRI), Clarity and Adaptive Reject further optimize image quality.
- Smart Depth automatically adapts imaging parameters to help newer users see better results and expert operators save time, while increasing standardization among users.
- Smart Stress improves workflow, shortens optimization time and provides reproducibility for newer, wall segment scoring and reporting.
- Tissue Synchronization Imaging (TSI) translates comprehensive quantification into an easy-to-understand image demonstrating mechanical synchronicity of different myocardial segments.

A small system that shows a lot of heart.
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Lightweight mobility. Heavyweight ability.

At a patient’s bedside. In the OR. In a satellite clinic or mobile imaging site. Vivid i’s compact size and light weight make it easy to take exceptional ultrasound imaging performance wherever it’s needed.

OR/Anesthesia
• Address perioperative needs with transthoracic examinations under challenging conditions.
• Enable monitoring with the help of adult or pediatric TEE.
• Support spontaneous hemodynamic and cardiac evaluations.
• Use the in-room patient probe to support specific diagnoses on the OR.
• Connect Vivid i’s TEE transducer to Vivid console systems using an adapter.
• Continuously scan for up to one hour from battery.
• Share images remotely on any PC using the video option, for efficient and convenient consultations.

Pediatric Echocardiography
• Examine children of all ages, including newborns, without compromises.
• Choose from a wide range of sector, micro convex, linear and transesophageal transducers plus a specific ECG cable.

Intra-Cardiac Echo (ICE) imaging
ICE catheters deliver excellent image quality and real-time visualization of cardiac structural anatomy, and therapy catheters for monitoring and guidance during interventional procedures. ICE gives you a better understanding of structural orientation during trans-apical puncture procedures to help you avoid clinical complications.

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Shared Services
• Conduct more vascular and abdominal exams with Vivid i’s comprehensive set of linear and convex transducers.
• Display blood flow with 2D-like spatial resolution and no color-flow-imaging artifacts with B-Flow and BFI (Blood Flow Imaging).
• Measure the carotid artery’s intima-media thickness quickly and accurately for early intervention on atherosclerosis risk with the IMT analysis package.
• Wide Aperture improves the signal-to-noise ratio and spatial resolution for better penetration in deeper structures.

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• Smart Stress improves workflow, shortens optimization time and provides reproducibility for newer, wall segment scoring and reporting.
• Tissue Synchronization Imaging (TSI) translates comprehensive quantification into an easy-to-understand image demonstrating mechanical synchrony of different myocardial segments.
• Tissue Velocity Imaging apical four chamber
• Mitral regurgitation apical four chamber
• Common carotid artery measurement intima-media thickness
• Dobutamine stress echo
• Transesophageal echo with color Doppler
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Tissue Velocity Imaging
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• Support anesthesia pre and post scanning.
• Use the intra-operative probe to support specific diagnosis, especially in OR.
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