GE Healthcare

Vivid *iq*

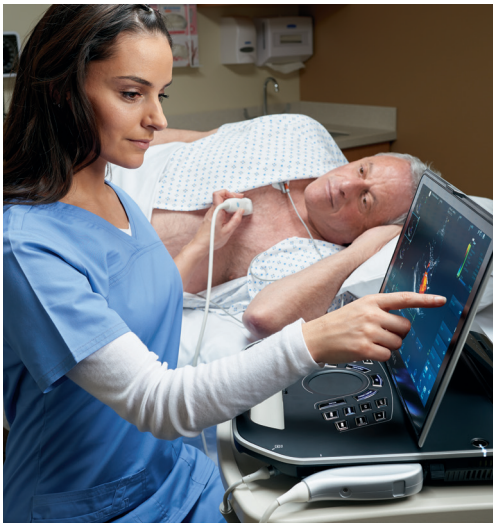
The power to take you places.

Portable. Powerful. In touch.

Vivid™ *iq** delivers a combination of portability and power that fits right in with your needs – wherever your journey takes you.[1]

It's the next step forward from the partner who defined the high-end compact category ... and continues to innovate to help you adapt to changing challenges.

Where will Vivid *iq* take you?



Visualization

Advanced. Accessible. Adaptable.

At the gateway to effective care, the focus is on candid conversations with patients, not interactions with equipment. You need an imaging solution that is easy to use with total cost of ownership in mind. Wherever you and your patients need it,[1] Vivid™ *iq* delivers premium image quality for cardiac care and shared services.

TTE

You don't have to sacrifice exceptional image quality for the convenience of a compact system.

Echo

- **Color Flow** – Excellent color sensitivity, contrast resolution and spectral crispness.
- **Virtual Apex** – Phased array probes provide a wide field of view for enhanced visualization of structures at the sides of the sector.

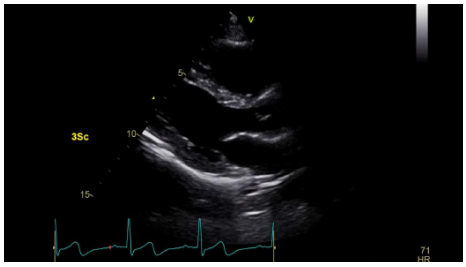
Pediatrics

Small structures and fast heartbeats present unique challenges to imaging. Vivid *iq* helps you make quick, confident diagnoses for a wide range of pediatric and neonatal patients and their families.

Shared Services

Shared services pose a wide variety of patient challenges. Manage them all with the help of definitive diagnostic insights via Vivid *iq*, in areas including vascular, abdominal, OB/GYN and small-parts applications.

- **Virtual Convex** – Extends the field of view when using linear transducers.
- **B-Flow** – Provides advanced spatial and temporal resolution to help assess blood flow and vessel wall structure without the limitations of Doppler.
- **Blood Flow Imaging** – Provides enhanced visualization of blood flow dynamics using a signal-processing algorithm for visualizing blood flow data.
- **LOGIQ View²** – Increases the field of view to image large organs that typically can't be seen in a single image.



PLAX with Dynamic Auto Tissue Optimization

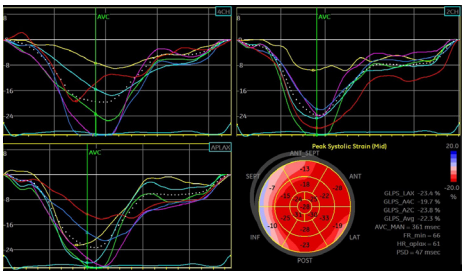
One touch continuous image optimization creating image uniformity in gain and contrast resolution from near to far field.

* Vivid *iq* is not available in all countries.

Quantification

Exploration Made Easy

Quantification with Vivid *iq* is all about helping you evaluate problems and pursue the path forward. Take advantage of a full suite of simple, intuitive tools to make your work easy and efficient such as AutoEF,[3] Anatomical M-Mode and IMT.



Automated Function Imaging (AFI)[2,3]

Assesses and quantifies left ventricle longitudinal wall contraction (both segmental and global) using speckle tracking technology.

Workflow

In Touch with Your Day

Tap into the smooth user experience you expect from Vivid ultrasound, enhanced to make your work easier with automated functions as well as touchscreen features similar to those you're accustomed to on your own smart devices.

TTE

Convenient applications make fundamental exams fast and easy, such as Auto Gain, Scan Assist Pro and Smart Stress.[3]

Touch Interface

- Improved keystrokes
- Tablet-like gestures – tap, pinch, zoom
- Intuitive keyboard

Design

As Agile As You Need to Be

Vivid™ *iq* is a compact, yet powerful cardiovascular ultrasound system. Carry it under your arm or on your cart[3] with a multi-connector for probes to wherever you need it ... from the echo lab to the ICU/CCU ... from the hospital to an office practice.

Console

Lightweight – 10% lighter and 10% thinner than the Vivid *q*

Closed design – allows cleaning with disinfectant solutions (refer to the user manual)

Portable – up to 1-hour battery (with full charge) with Smart Standby

Cart[3]

The newly designed cart was created to protect the console during transportation. The cart also allows for a much better viewing angle with the increased height adjustments for scanning while standing or sitting.

- Battery pack[3] (3 hours with full charge)
- 4-probe port[3]

Probes

Broad selection of 11 TEE, sector, curved and linear probes

Reliability

The Vivid *iq* was built to handle tough daily demands allowing you to focus on the patient and the ultrasound images during the exam. We are so confident in the reliability that we are offering a three-year standard warranty.[4] In the event your product needs attention, we offer a loaner program which reduces your down time.

The new design has allowed for better probe insertion for more reliability and protection. We have also designed the ECG to fit under the probe area for better protection, allowing nothing to protrude from the sides. All of these new enhancements allow for better reliability and robustness.

[1] The device has been verified for limited use outside of professional healthcare facilities and has not been evaluated for use during transport. Use is restricted to environmental properties described in the user manual; please contact your GE Healthcare sales representative for detailed information.

[2] Premium configuration.

[3] Optional.

[4] Transducers and peripherals purchased with the Vivid iq shall have the same 3 year warranty coverage with the exception of the following transducers and accessories which will have standard warranty of 1 year: 6VT-D, 6Tc-RS, and 9T transducers. Batteries (internal & external), ICECord-RS Adapter, TEE cleaning & storage system and printers..

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**The Vivid *iq* Premium and the Vivid *iq* 4D are configurations of the Vivid *iq* ultrasound system.

Please note that some of the probes, options or features described may NOT be available for sale in all countries. Please contact your local sales representative for more information.

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