



# LOGIQ E10

Empowering You to Make the Difference



Enabling Vascular Imaging

# VISUALIZE VESSELS CLEARLY, EVEN AT LOWER DEPTHS

## Clinical challenge

Ultrasound is a front-line tool in the fight against heart disease, stroke, and other vascular conditions. As obesity rates rise, clinicians need more powerful imaging capabilities and flexible tools to assess a wide range of patients and conditions.

## GE solution

Whether the case is routine or technically challenging, the LOGIQ™ E10 system helps you make a difference in the lives of your patients. Central to the new system is the cSound™ Architecture that combines versatile XDclear™ probes and the new cSound Imageformer to deliver exceptional penetration and sensitivity with top-to-bottom focus. Workflow tools help increase exam efficiency.



## Confident diagnosis

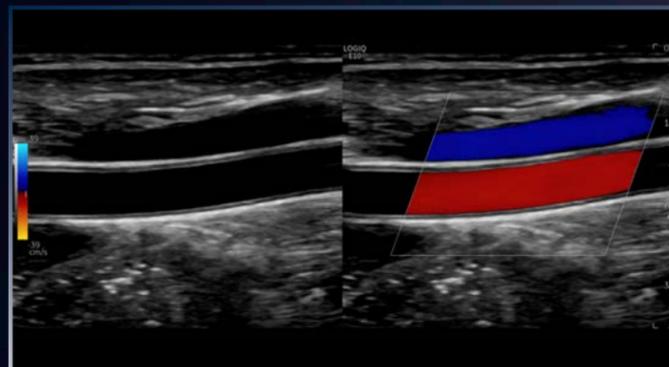
The LOGIQ E10 enables clinicians to acquire extraordinary images across a broad spectrum of patients, with incredible uniformity from near to far field. The system's advanced image platform delivers penetration power for even high BMI cases.

**Auto-optimized images:** The cSound Imageformer automatically and continuously delivers images of high quality across a wide range of clinical scenarios. Extraordinary images are quickly obtained resulting in efficient studies, particularly important in challenging cases.

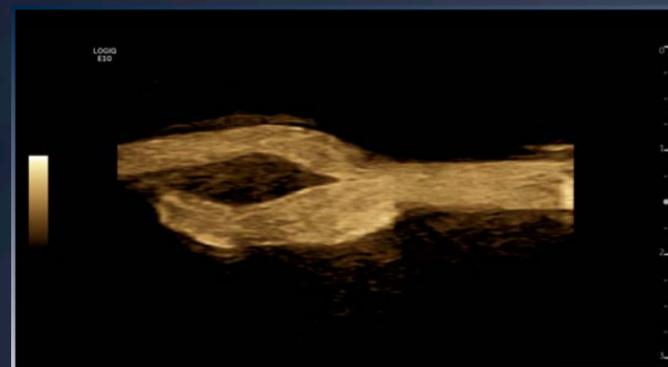
**Choice of high-performance probes:** E-Series and XDclear probes deliver powerful, high fidelity and wide bandwidth for impressive deep penetration and high resolution.

- **C1-6-D:** XDclear workhorse probe enables outstanding resolution at depth

- **C2-9-D:** New XDclear curved probe for high-resolution imaging
- **L2-9-D:** New high resolution XDclear linear probe for abdominal and superficial exams
- **ML6-15-D:** Broad-spectrum linear matrix array probe
- **M5Sc-D:** New XDclear sector probe for transcranial doppler imaging



Carotid Dual Image Color Flow, L2-9-D



Carotid B-Flow, L2-9-D

## Comprehensive tools

The LOGIQ E10 provides robust tools that give clinicians a new level of confidence in their diagnostic and treatment decisions.

**B-Flow™ imaging:** This non-Doppler technique enables direct, real-time visualization of blood flow echoes with no vessel wall overlap to obscure details.

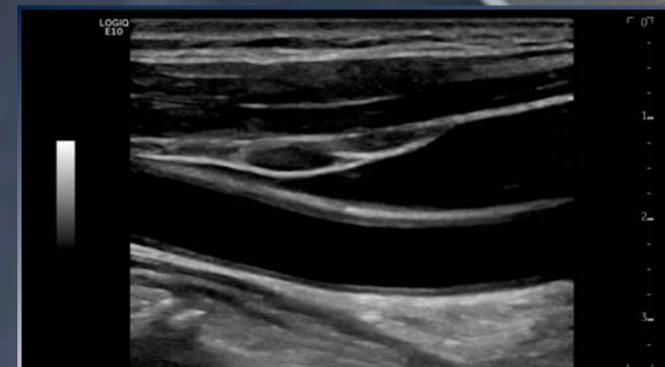
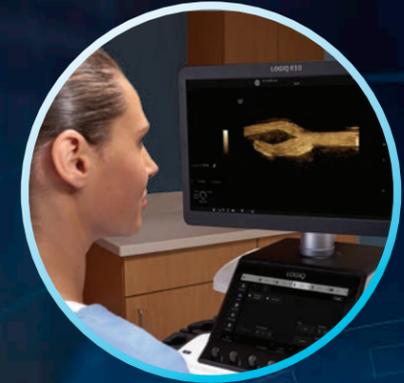
- **B-Flow Capture with Reconstruction:** Provides a three-dimensional view of blood vessels in which artifacts are automatically suppressed and weak vessel signals enhanced

**B-Steer+:** Enhances needle visualization in real time to improve speed and confidence when doing needle procedures on vascular patients.

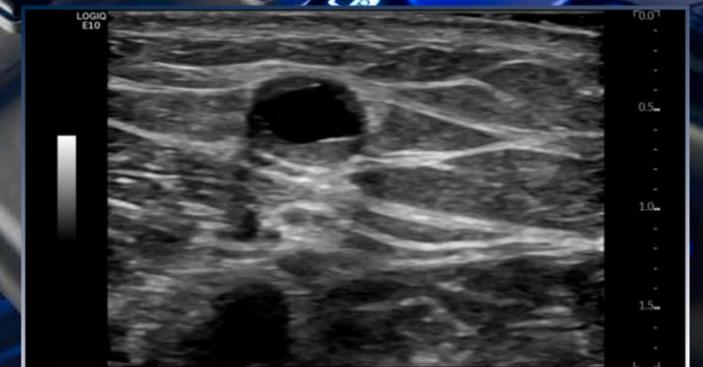
**Auto IMT:** Helps reduce exam time by automating measurement of intima-media thickness from multiple samples across a user-defined length.

**Compare Assistant:** Enables clinicians to easily view a prior study – ultrasound, CT or MR – and current images side-by-side in real time on the monitor for accurate comparison studies.

**Photo Assistant App:** Enables users to photograph relevant anatomy and include the photos with the clinical images sent to the radiologist.



Long Carotid Intima B-Mode, L2-9-D



B-Mode Fistula Partial Thrombosis, L8-18i-D



## > Concise workflow

The LOGIQ E10 can help you achieve new levels of workflow efficiency, so you have more time to focus on patients.

**Auto Doppler Assist:** Automatically adjusts color box and angle to enhance exam efficiency.

**Raw Data:** Expanded dual-screen capabilities enable users to apply a wide variety of image processing and quantification after the exam. This allows the operator to extract and reanalyze information without extending exam time.

**Scan Assistant:** Provides customizable automation to assist users at each step of an ultrasound exam, helping to reduce keystrokes and exam times.

**Exceptional mobility:** The LOGIQ E10 system easily fits into small spaces. The Power Assistant on-board battery means that no re-boot is required when the system is moved from location to location. On-board storage ensures supplies are at hand.

**Intuitive operation:** The ergonomic user interface features easy-to-reach controls, an adjustable floating keyboard, and an articulating monitor to speed procedures.

**Remote Control App:** Ability to operate the LOGIQ E10 from an Android™ tablet or phone that has the LOGIQ Smart App loaded onto it.



### 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](http://www.gehealthcare.com/promotional-locations).

Data subject to change.

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