

# Total-access ultrasound

LOGIQ *e* compact ultrasound system for general imaging and shared services.





Opening possibilities.

Where should an ultrasound exam be performed?  
And how big does a system need to be to  
acquire high-quality, diagnostic-level images?  
Once you've seen what GE Healthcare's  
LOGIQ *e* system can do, you may be  
re-thinking your answers.

Who could have predicted how compact ultrasound would  
change where, when and how ultrasound is performed?

The powerful LOGIQ® *e* system defies previously held beliefs  
about portable ultrasound, proving you don't have to compromise  
on image quality or functionality. Making it possible to get clear,  
real-time images at the point of care – wherever that point may  
be. And opening the door to a host of applications and locations  
for ultrasound. Like Sports Medicine. Emergency Medicine.  
Private practices. Rheumatology and Anesthesiology.

Compact, point-of-care ultrasound. Because if you can't get  
quality images where and when you need them, what's the point?

# A moving experience.



## Patient access.

Do you have office hours in several locations? No problem. Because it is lightweight, you can easily carry the LOGIQ *e* with you. Part of a busy general practice? Simple. Move the system to any exam room.

Whether you are performing a routine vascular exam, charting fetal development or determining the status of a torn rotator cuff, the LOGIQ *e* deftly handles your general and shared-service imaging needs – wherever they may be.

As an alternative to a fixed ultrasound system, the LOGIQ *e* gives you the mobility and flexibility you need to access all your patients. It travels to your patient so you don't have to interrupt the imaging schedule of your fixed system.

And if you prefer to dock your system on the LOGIQ portable docking station\*, you can increase the system's flexibility even more with access to three probe connections, as well as an integrated DVR and printer.

## Information access.

Streamlined operation. A user-friendly interface. Enhanced connectivity. The LOGIQ *e* has advanced productivity features that extend its flexibility and improve your workflow.

- Easy-to-use system helps you get answers fast.
- Customized, specialty-specific presets save time and optimize use across care areas.
- Onboard, specialty-specific report templates streamline workflow by organizing patient information.
- USB QuickSave easily transfers patient information to a memory device.
- Wireless DICOM seamlessly integrates or transfers ultrasound data to PACS.
- Network QuickSave provides storage to an external hard drive for customers without PACS capabilities.



\* Optional

# Your priority is clear.

Portability is important, but not at the expense of image quality.

The LOGIQ *e* features advanced technology – packed into an uncompromising, laptop-sized package. Its clear image quality helps you make accurate assessments, and gives you a heightened level of diagnostic confidence.

- Patented CrossXBeam™ technology enhances image clarity by defining continuous boundaries and reducing speckle.
- Coded Harmonic Imaging improves tissue visualization and anatomical border definition for greater accuracy.
- Color Doppler automatically identifies vasculature.
- B-Steer Plus technology combines CrossXBeam with B-Steer technology, allowing clinicians to clearly see both the needle and anatomy in one image – without sacrificing the image quality of either.

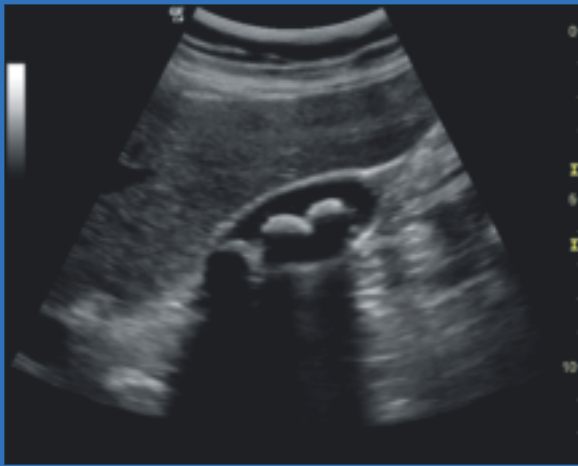
## Automatic access.

Automatic image-optimization tools allow you to quickly enhance image quality for better visualization of anatomy. At the touch of a button, you can define and refine real-time images to suit your personal preferences.

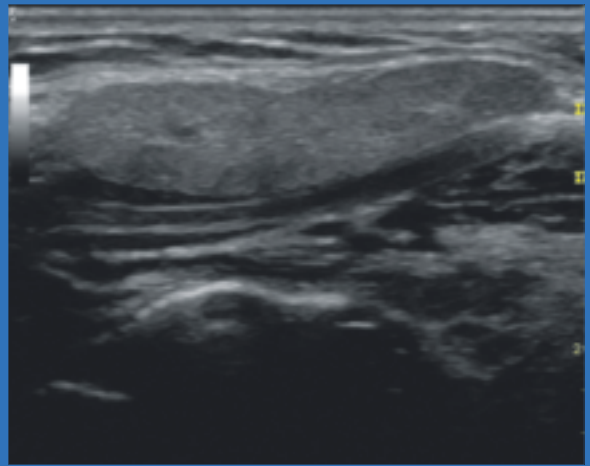
- AutoClarity Suite contains easy-to-use tools that automatically enhance image quality so you can concentrate more on your patient. Full suite includes: Auto Depth, Auto Optimization and Auto Time Gain Compensation (TGC).
  - Auto Depth automatically adjusts the corresponding Frequency and Focal Zone Position, for better visualization throughout the near and far field.
  - Auto Optimization (AO) helps you get optimal image quality in both B-mode and spectral Doppler.
  - Auto TGC ensures a homogeneous picture from the near to far field.

With the compact LOGIQ *e* system, ultrasound becomes a point-of-care solution for virtually any patient, anywhere. And with GE's training programs, professional service, support, accessories and supplies, you get everything you need to confidently perform ultrasound.

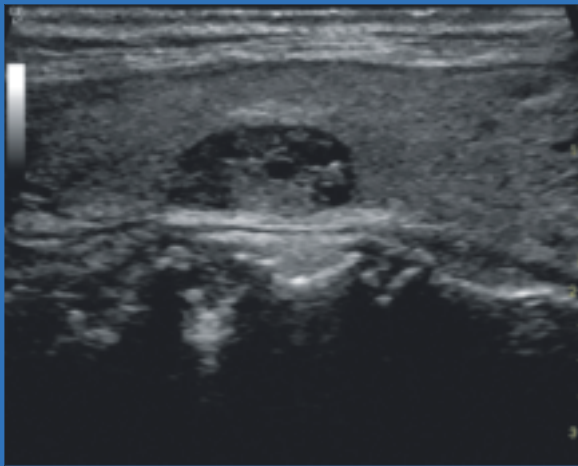




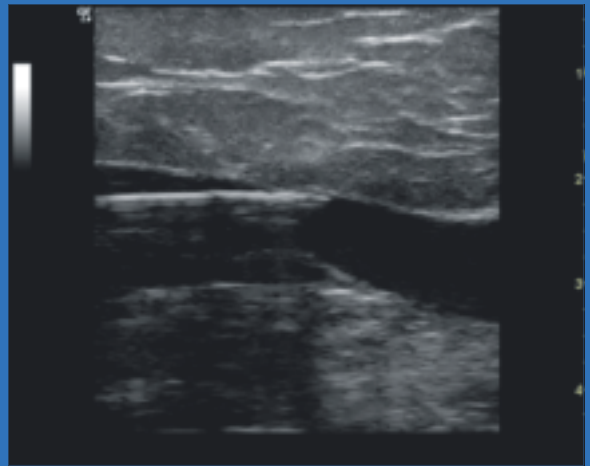
Multiple gallstones imaged with the 4C-RS transducer, Coded Harmonics, and CrossXBeam technology.



Submandibular gland imaged with the 12L-RS transducer, Coded Harmonics, and CrossXBeam technology.



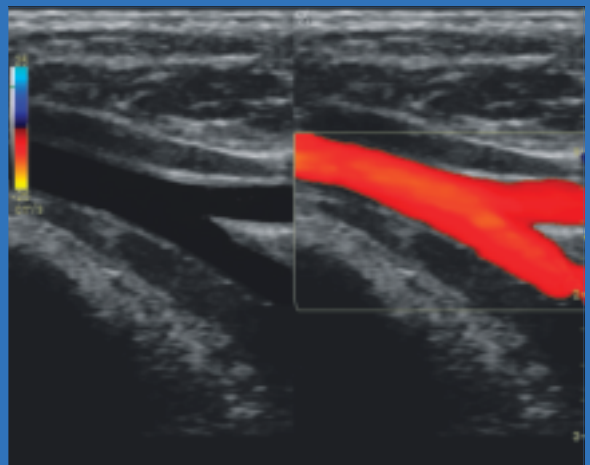
Virtual convex imaging feature on the 12L-RS transducer is used to image a thyroid nodule.



Excellent contrast resolution from the 12L-RS demonstrating a catheter used for vein closures.



Excellent resolution of a large Baker's cyst using the 12L-RS transducer, Coded Harmonics, and CrossXBeam imaging.



Simultaneous split screen feature showing B-mode and color Doppler images of a normal brachial artery.

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## 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: 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.

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imagination at work