GE Healthcare

Venue 40

What's next, has arrived.

healthymagination

GE imagination at work

Big advancements in point-of-care ultrasound can be remarkably small.

It's here, it's compact, and it's ready to empower you with high-resolution imaging that's remarkably intuitive. It's affordable technology made simple. It's accuracy packaged in a point-of-care ultrasound. It's what you need to progress.

Out of the box thinking, so you can use it right out of the box.

It's point-of-care ultrasound technology that's surprisingly easy to manage. The GE Venue* 40 has intuitive, pre-configured application settings and a touch interface. There are no buttons, no keyboard, no knobs to complicate the process or slow you down. It's designed to be easy to use and goes where you need to go.

- The Venue 40 is sleek and can be wheeled into tight spaces like the bedside or trauma bay.
- With its quick boot up time, you're ready to scan when time is critical.
- A universal docking system makes it possible to mount it in a cart or a table dock without the need for tools, making it easy to take from room to room or location to location while on battery.

Freeze and unfreeze images in a live scan.

Save still images (JPEG). Save cine loop (MP4).

Gain adjustment – low, medium and high.

Depth-synchronized optimization through multiple depths.

Screen tilts to adjust to the optimal angle for increased comfort and efficiency.

Lightweight and sleek, the cart provides the flexibility and mobility to easily move room to room, floor to floor.

Keep your supplies within reach with the added convenience of an optional storage tray.

Adjustable height for more comfort and ergonomic use.

The wheelbase and large swivel wheels provide a low center of gravity for enhanced stability over multiple surfaces. And with locking wheels, the cart stays put.

High-resolution images give you a higher level of confidence.

Looking for high-resolution imaging for the needle and anatomy? Look no further. With multiple transducer options, you can perform superficial and deep imaging – all on one system.

Superficial Imaging
Our high-frequency transducers and GE's proprietary beamformer combine in Venue 40 to deliver superficial anatomy in high resolution. The L8-18i-SC, our ultra-high frequency transducer, gives easy access to superficial anatomy, in such areas as the ankle, hand and neck.

Power Doppler Imaging (PDI) sensitivity and quantification
Our proprietary beamformer detects slow blood flow in both small and large vessels.

- PDI sensitivity helps you detect small vessels and inflammation, as well as evaluate conditions such as rheumatoid arthritis, tumors or clotting in both adult and pediatric patients.
- Color and PDI quantification helps evaluate the **amount** of blood flow within a specific area, to assist with diagnosis and monitoring.

Power Doppler Imaging of the distal digit using the L8-18i-SC and PDI quantification.

B-Steer + Needle Recognition
To know where you're going, you need accurate vision. Venue 40 gives you our "always on" feature to help provide accurate vision in three key areas—needle, anatomy and motion. This enhanced ultrasound guidance enables you to have consistency and helps you improve patient care.

This feature accurately reveals the structure of a needle within anatomy, without distortion of the needle.

Accurate needle: Reduce ambiguity and reflect actual needle width and placement. No needle "blooming" or distortion. Easily view the needle at various angles and depths for shallow and deep approaches with a variety of needles.

Accurate anatomy: Precisely visualize your target and surrounding anatomy – all with defined edges and detail.

Accurate motion: You can see the needle advance in real time with no image processing delays, due to our responsive digital processing. This capability helps you see where your needle and tip are in relationship to your target, vessels or other anatomy within your region of interest.

Our ultra high-frequency transducer, L8-18i-SC, gives easier access to superficial anatomy, in such areas as the ankle, hand and neck. Its design and capability also enable easier imaging for pediatric or smaller patients. Performing needle-guided procedures just got easier.

Crystal clear sight for procedures that once were performed blind.

With the latest tools, you are now empowered to do more. And, the Venue 40 is another tool to help improve patient outcomes. With its versatile transducers, you can care for a broad spectrum of patients across anesthesia, musculoskeletal, interventional, emergency and critical care. Our transducers feature a ComfortScan design that maximize ease of use, ergonomics and patient comfort. A lightweight transducer cable minimizes strain, to better facilitate transducer placement. With linear, convex and phased array options – what once was blind, you now can see.

Phased array for cardiac, abdominal and pleural imaging.

High-resolution, small-footprint linear array for superficial and pediatric imaging.

Convex array for abdominal and deeper imaging.

Linear array for vascular access and comprehensive needle-guidance procedures.

Microconvex array for transvaginal exams.

A smooth, single-surface screen. Germs will have to find a new place to hide.

You wanted an easy-to-clean ultrasound. You got it. Venue 40 features a single-surface screen without seams, buttons, keyboard or a monitor frame that could potentially trap contaminants. A transducer connection, flush with the system, further reduces the places germs can hide. Plus, its durable screen withstands medical disinfectants and everyday wear and tear, making it easier to clean. Just clean and go.

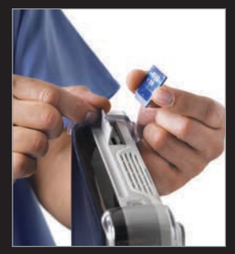
Cleanable by design, Venue 40 features a single-surface, splash-resistant screen without seams, buttons, keyboard or a monitor frame that could trap contaminants.

Its durable screen withstands medical disinfectants and everyday wear and tear.

The transducer connection is flush with the system to further reduce places germs can hide.

Your data can go wherever you need it to go.

Whether you want to record, archive, recall, transfer files or print, the Venue 40 makes it easy. Features like flexible archiving allow you the freedom to never have to leave your images in the machine. Even when the Venue 40 is on battery and unplugged you can send images to your destination – whether that's PACS or EMR. You can also use the DVI port to display your screen on an external monitor. It's data management simplified.



Save images to SD Card or USB drive.

Connectivity: Wireless or Wired

Local Storage

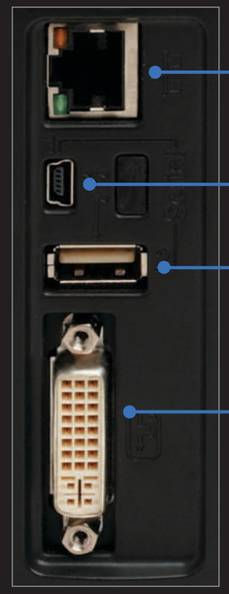
- Simply save images to SD Card or USB drive for easy archiving.
- Multiple formats for easy archiving – JPG, MP4 (one-minute cine loop capability).

Network Connection

- Network connection can be wired or wireless (optional), which means you can transfer images on the spot.
- Send image via ethernet cable, or use the optional wireless USB adaptor.

Destination

- Store still images and cine loops to a shared folder across the network for attachment to EMR.
- Optional DICOM for image storage to PACS and worklist.
- Optional black & white printer connects via USB from the cart.



Ethernet
LAN cable – for DICOM or EMR networking.

Micro USB
Transfer of images to a computer.

USB 2.0
For memory stick, printer or optional wireless adapter.

DVI
Port for secondary monitor.

Confidence, no matter what the application.

Venue 40 is built with many options, so you can build it to be your own. And with multiple software applications, you choose how to meet your specific needs. Confidently.

Anesthesia

Designed for regional anesthesiologists and pain medicine practitioners, this intuitive system includes settings for superficial and deep blocks, as well as vascular access. Plus, the system's sleek surfaces are easily cleaned for the surgical environment. Once you use it, it's hard to imagine working without it.

Interventional

Optimized for minimally invasive surgical techniques, such as biopsy guidance for thyroid and breast, as well as venous ablation and line placements. It looks like guided procedures just got a better guide.

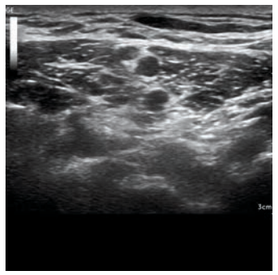
Musculoskeletal

Customized for rheumatologists, sports medicine physicians and orthopedists, this package is optimized for needle-guided injections and soft tissue definition. Our Power Doppler Imaging (PDI) has been tuned for high sensitivity. This in combination with PDI quantification helps evaluate the amount of blood flow and superficial inflammation – to assist you with diagnosis and monitoring. You'll appreciate its accuracy, so will your patients.

Point of Care

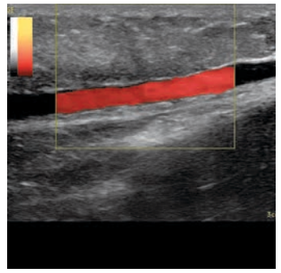
Our most comprehensive package is specially designed for emergency and critical care physicians. You can increase your speed and accuracy for cardiac, abdominal and pleural imaging, as well as vascular access. It's easy to clean the sleek system for your high-use environment. This all-in-one system also is well suited for various physician types sharing a system. When second-guessing is not an option, you can count on it for a clear image.

Low Sciatic Nerve Block

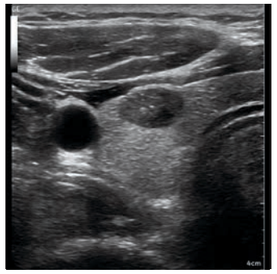


Brachial Plexus Nerve

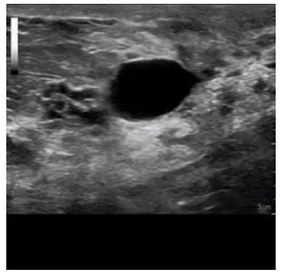
Lumbar Spine Sagittal



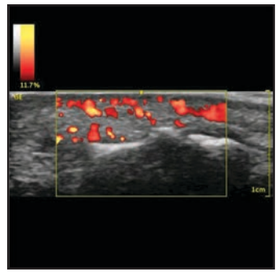
Varicose Vein



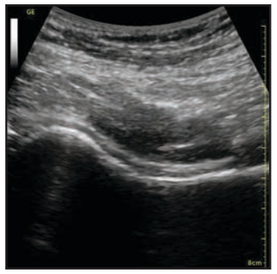
Thyroid Nodule



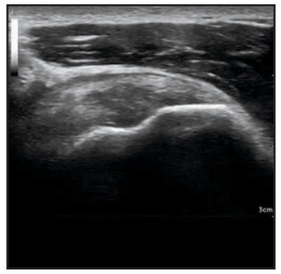
Breast Cyst



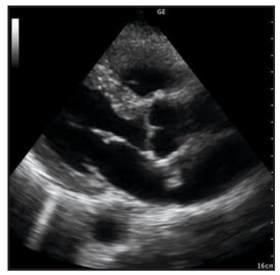
Power Doppler Imaging of the distal digit



Hip Joint Capsule

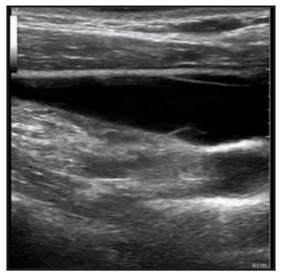


Supraspinatus Tendon



Parasternal Long Axis Heart

Gallbladder Stones



Jugular Vein Valves

GE Healthcare at your service.

GE offers dedicated field service support and can help get you connected to training programs and wide range of accessories and supplies. Consult your GE Representative for details on:

- Congresses and workshops that offer ultrasound education and training
- Guidelines for education in ultrasound
- Educational Web sites, videos and text books
- Evidence publications, including the clinical economics of ultrasound guidance
- Reimbursement information
- Or visit www.venue.gehealthcare.com

Instant Access to support with Live Assist.

In addition to your onsite support from GE Ultrasound representatives, clinical applications and service teams, you have the option of live phone support. You can talk through your issue with a Live Assist clinical applications specialist or online center engineer. When you need support, we're there.

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UNITED KINGDOM
GE Medical Systems Ultrasound
71 Great North Road
Hatfield, Hertfordshire
AL9 5EN
T 44 1707 263570
F 44 1707 260065

AMERICAS
GE Healthcare
9900 West Innovation Drive
Wauwatosa, WI 53226
U.S.A.
T 1 888 202 5582

ASIA
GE Healthcare Clinical
Systems ASIA
1105-1108 Maxdo Center
8 XingYi Road, Shanghai
200336
T 86 21 5257 4640
F 86 21 5208 0582

About GE Healthcare

GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solutions services help our customers to deliver better care to more people around the world at a lower cost. In addition, we partner with healthcare leaders, striving to leverage the global policy change necessary to implement a successful shift to sustainable healthcare systems.

Our "healthymagination" vision for the future invites the world to join us on our journey as we continuously develop innovations focused on reducing costs, increasing access and improving quality around the world. Headquartered in the United Kingdom, GE Healthcare is a unit of General Electric Company (NYSE: GE). Worldwide, GE Healthcare employees are committed to serving healthcare professionals and their patients in more than 100 countries. For more information about GE Healthcare, visit our website at www.gehealthcare.com.

GE Healthcare GmbH
Beethovenstr. 239
42655 Solingen, Germany
T 49 212-28 02-0
F 49 212-28 02-28

www.venue.gehealthcare.com

GE imagination at work

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