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GE Healthcare

Venue 40

What's next, has arrived.

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.

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healthymagination



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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, anatomy and vasculature? Look no further. Because when it comes to image quality, GE's approach to ultrasound delivers features that work together. So, your resolution is maintained across all modes even when multiple features are activated, including Color and Power Doppler. This also gives you deep imaging capability for larger patients and pain management procedures. With multiple transducer options, you can perform deep and superficial 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 easier access to superficial anatomy, in such areas as the ankle, hand and neck. Its small footprint and capability also enable easier imaging for pediatric or smaller patients.

Needle Definition

See the target, surrounding anatomy, needle and tip defined during procedures in high resolution. This helps you easily view the needle at various angles and depths. Our combination of technologies can provide more accuracy and consistency to your needle-guided procedures to help avoid complications.

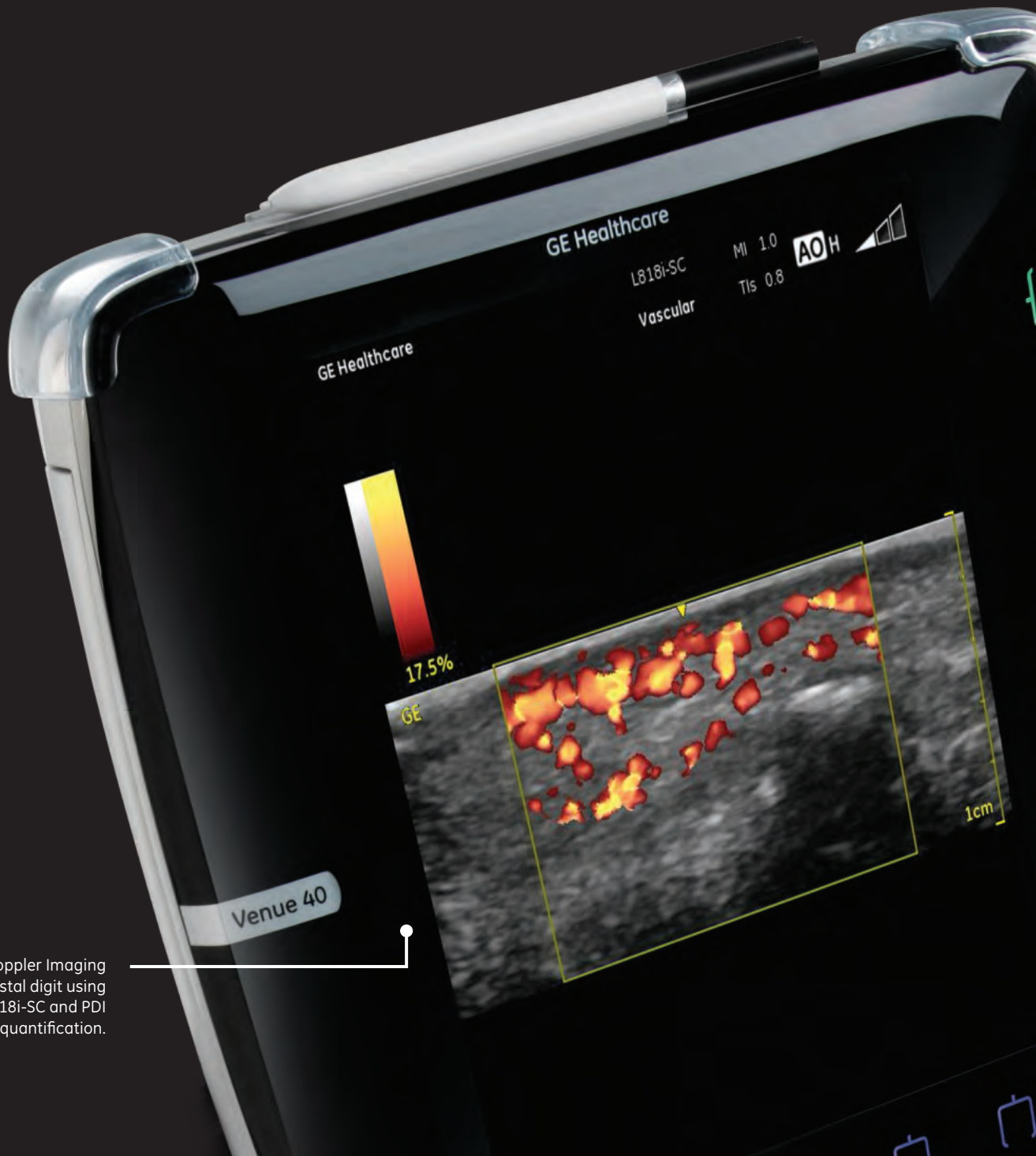
Anesthetic surrounding Femoral Nerve.



Power Doppler Imaging (PDI) sensitivity and quantification

Our proprietary beamformer detects slow blood flow in both small and large vessels.

- PDI sensitivity helps detect small vessels, inflammation and disease states, such as rheumatoid arthritis, tumors or clotting in both adult and pediatric patients.
- PDI sensitivity also helps verify the presence or absence of blood flow.
- 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.

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 than ever. 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.



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

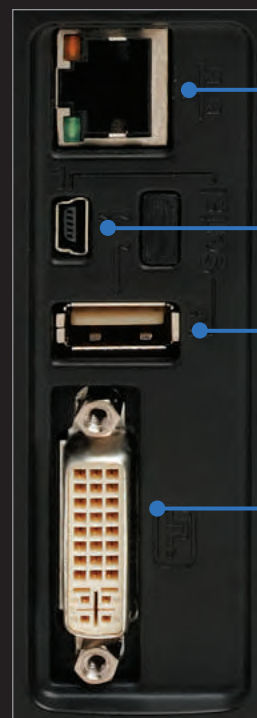
- Simply save images to SD Card or USB drive for easy archiving.
- Multiple formats for easy archiving – JPG, MP4 (one-minute cine loop capability).

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.

Vascular Access

Our basic package is designed for PICC teams and clinicians who place lines. Now you can get precision with defined needle and anatomical detail right at the bedside with an intuitive and affordable system. It's a different way to view ultrasound.

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

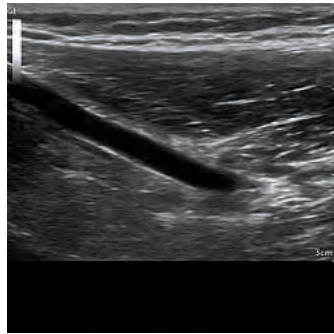
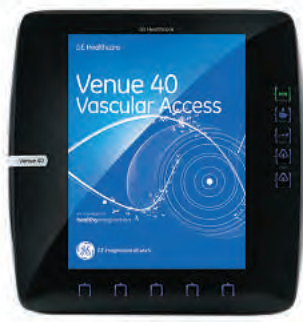
Optimized for minimally invasive surgical techniques, such as biopsy guidance for thyroid and breast, as well as venous ablation and line placements. It looks like guided procedures just got a better guide.

Musculoskeletal

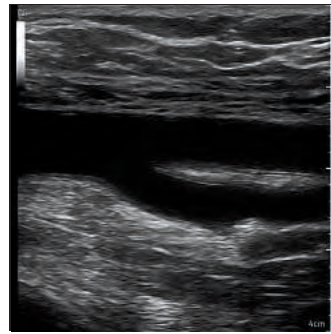
Customized for rheumatologists, sports medicine physicians and orthopedists, this package is optimized for needle-guided injections and soft tissue definition. Our Power Doppler Imaging (PDI) has been tuned for high sensitivity. This in combination with PDI quantification helps evaluate the amount of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

Point of Care

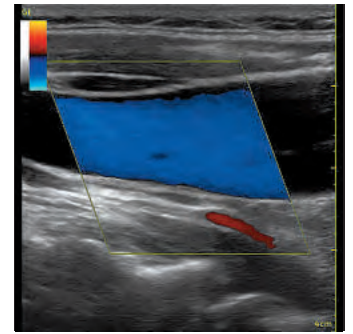
Our most comprehensive package is specially designed for emergency and critical care physicians. You can increase your speed and accuracy for cardiac, abdominal and pleural imaging, as well as vascular access. It's easy to clean the sleek system for your high-use environment. This all-in-one system also 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.



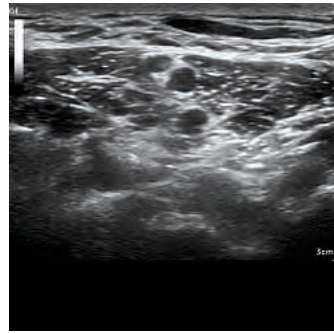
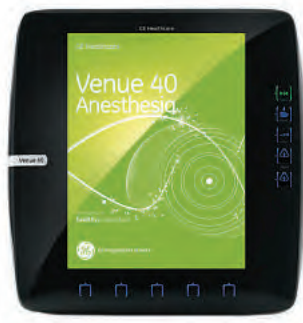
Brachial Vein



Femoral Artery



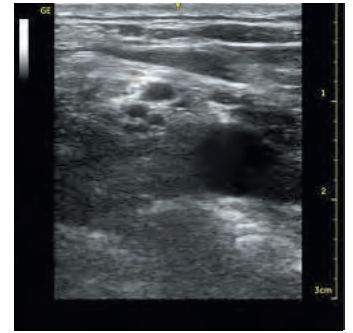
Internal Jugular



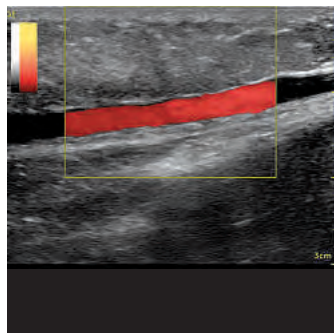
Brachial Plexus Nerve



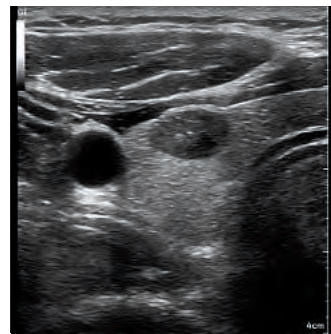
Lumbar Spine Sagittal



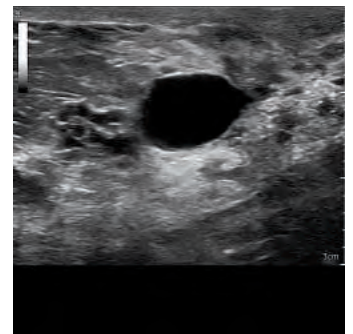
Supraclavicular view of the Brachial Plexus



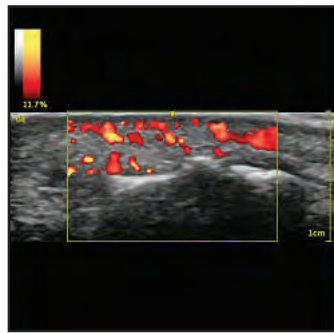
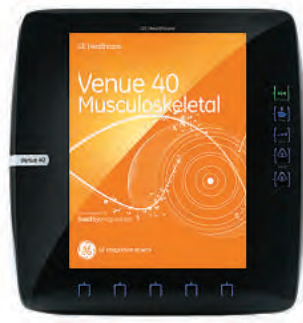
Varicose Vein



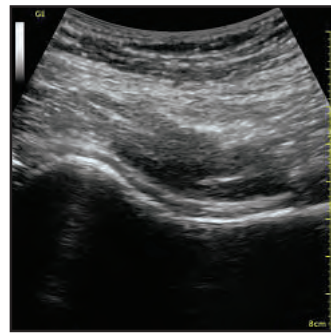
Thyroid Nodule



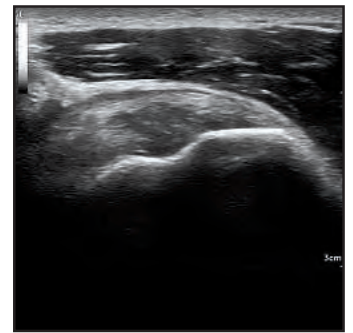
Breast Cyst



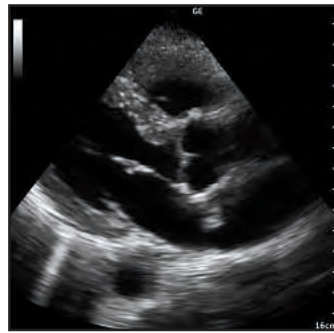
Power Doppler Imaging of the distal digit



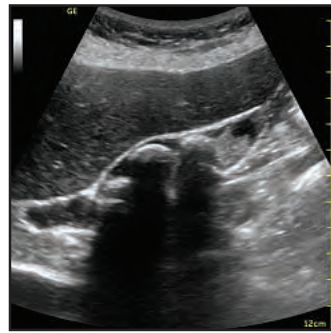
Hip Joint Capsule



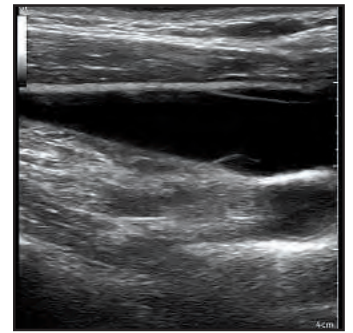
Supraspinatus Tendon



Parasternal Long Axis Heart



Gallbladder Stones



Jugular Vein Valves

There's support and then there's GE Healthcare support.

GE offers customized training programs, dedicated field service support and a wide range of accessories and supplies. Consult your GE Representative for details on:

- Onsite educational opportunities
- Training workshops
- Associates and congresses that offer ultrasound education
- Guidelines for education in ultrasound
- Educational Web sites, videos and text books
- Evidence publications, including the clinical economics of point-of-care ultrasound
- Or visit www.venue.gehealthcare.com



