GE HealthCare

Ultrasound in Critical Care

Venue family systems*

Now everywhere is point of care^

*Venue family, as referenced herein, includes Venue™, Venue Go™, Venue Fit™, and Venue Sprint™ systems

For moments that matter the most

Quickly and accurately assess the critically ill

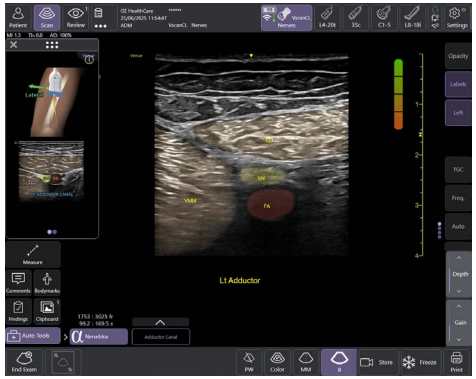
In the challenging environment of the ICU, GE HealthCare Venue family ultrasound systems help you to be there for the patients who need you most. These systems provide simple, fast and precise tools so your best efforts lead to even better results.The Venue family of ultrasound systems help you:

- **Get critical information fast**
  Venue family systems make it easy to get information about the heart, lungs and IVC so you can quickly determine patient status.
- **Takes steps out of exams**
  AI-based and advanced clinical tools help support fast decision-making. Workflow simplification supports monitoring and helps clinicians save time and speed care delivery.
- **Help ensure consistency of care**
  With a simplified workflow and built-in user training tool, Venue family systems enable inexperienced users to get up to speed fast, helping ensure consistency in department expertise.

New tools to help you with critical assessments at the bedside

Our latest AI-based tools and clinical support advancements let you make informed bedside decisions for your patients.

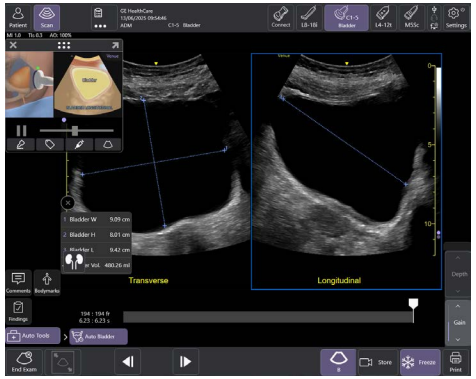
Nerveblox™



Confidently perform ultrasound-guided peripheral nerve blocks with Nerveblox.

Standard for Venue and Venue Go, this AI-enabled tool automatically labels key anatomical landmarks in the ultrasound image, helping clinicians feel confident during the procedure and streamlining the workflow with the goal of reducing procedure time.

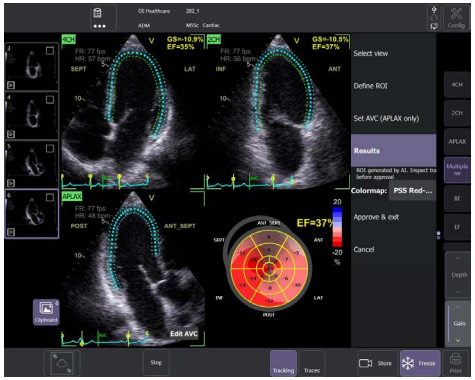
Auto Bladder Volume



This AI-enabled tool provides rapid and easy urinary bladder volume measurements, saving clinicians valuable time and enhancing clinical accuracy. It measures bladder dimensions and calculates the bladder volume from two views: transverse and longitudinal.

- 90% success rate with user accepting the automatic caliper placement nine out of ten times[1]
- Reduced exam clicks from 18 clicks to five dramatically improving workflow[2]

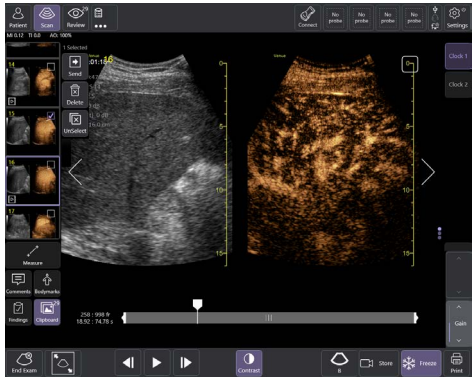
Automated Function Imaging (AFI)†



Quickly and easily assess structural heart defects with objective quantitative analysis of the complete longitudinal myocardial strain of the left ventricle, right ventricle and left atrium throughout the heart cycle. Once you obtain the specific images you need, the AFI measurement tool takes less than three minutes.[3]

Based on proven speckle tracking technology from other GE HealthCare ultrasound systems, this tool leverages similar workflows, helping you easily navigate and operate the tool without extensive retraining.

Contrast-Enhanced Ultrasound (CEUS)‡

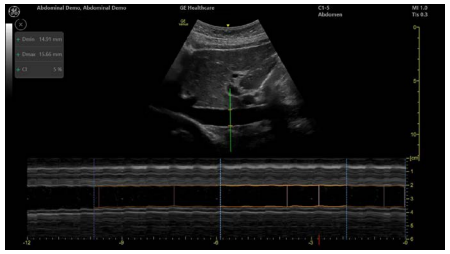


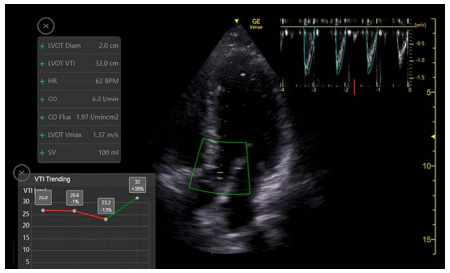
Evaluate a variety of conditions such as abdominal solid organ injuries, lacerations, hematomas, lesions, tumors and active bleeding at the bedside with this dynamic imaging tool. CEUS also supports cardiac assessment of the LVEF, Regional Wall motion and structural abnormalities.

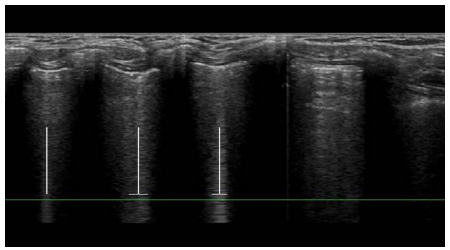
Work smarter not harder with AI-enabled tools

We designed Venue family ultrasound systems to simplify the complex—helping you increase exam efficiency when timing is critical. Leveraging data and proprietary algorithms, AI-based clinical tools help users of all experience levels make clinical decisions with confidence.

Nerveblox







Real-time EF

Enables continuous calculation of real-time ejection fraction without having to conduct an ECG. **Capture instant, precise results—within +/– 10 percent points of experts in 86% of cases.**[4]

Shock toolkit

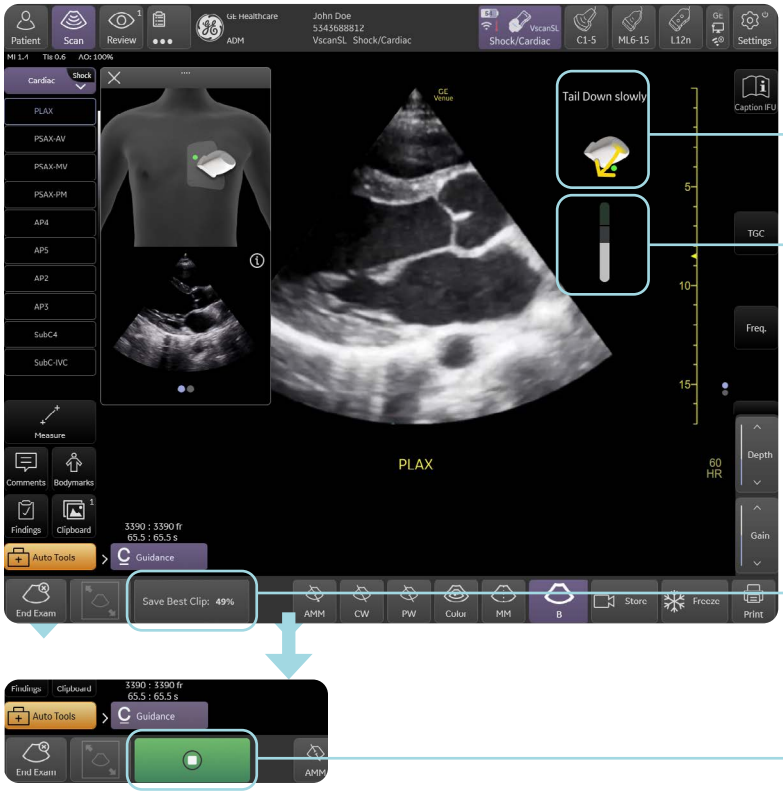
Facilitates shock evaluation by focusing on key organs linked to patient status: the heart, lungs, and inferior vena cava.

Associated rapid assessments:

- **Auto IVC**
  Measure IVC collapsibility or distensibility accurately and automatically. **Equivalent to an expert user's ability 87% of the time.**[5]
- **Auto VTI**
  The VTI trending function helps clinicians quickly visualize the trend so the next course of action can be determined. **Experience up to 87% time savings.**[6]
- **Auto B-Lines**
  Calculate overall lung score in one step. You can also use it with Lung Sweep to highlight B-lines and display the frame with the most B-lines per rib space. **As highly reliable as visual counting.**[7]

Scan with confidence

Now there's a built-in tool to help you capture diagnostic-quality cardiac ultrasound images. Thanks to Caption Guidance™ AI-driven software, even new ultrasound users can capture cardiac images successfully.



1 Prescriptive Guidance

See real-time, turn-by-turn guidance that prompts your movements to properly position your probe for the view you want to capture.

2 Quality Meter

Watch the meter rise as the image improves and gets closer to diagnostic-quality.

3 Save Best Clip

At the touch of a button, Save Best Clip will select the best available image loop from the continuous recording for each view.

4 AutoCapture

For cases where you can reach the quality threshold, AutoCapture will automatically save your clip, hands-free. No need to press record to capture your images.

Guiding you to acquire quality cardiac ultrasound images

Real-time, turn-by-turn on-screen guidance prompts your probe movements to help capture a diagnostic-quality image.

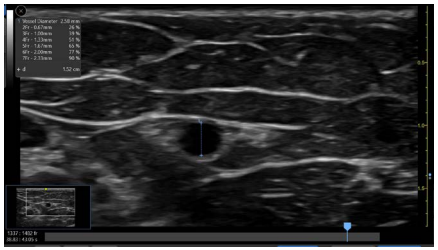
Scan your way

Customizable scanning protocols allow you the flexibility to select key cardiac views – up to 10. While scanning, you can easily skip to the view you desire.

Learn more about Caption Guidance

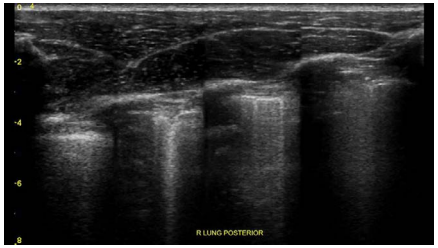
Our advanced capabilities help you make fast, confident decisions

You can expedite exams and decrease the risk of complications with the broad array of tools featured on Venue family systems. These tools focus on common exams such as detecting bleeding and assessing lung function. Catheter selection is also simplified.



Select the right catheter with Catheter to Vessel Ratio

Supports you in selecting the appropriate sized catheter based on vessel diameter.



Visualize the entire lung with Lung Sweep

Lung Sweep provides a dynamic panoramic view of the entire lung. It activates when the probe taps the body and deactivates when the probe is lifted, so there's no need to touch the screen.

Visualize blood flow with Color Flow

Provides a real-time, two-dimensional, cross-sectional view of blood flow.

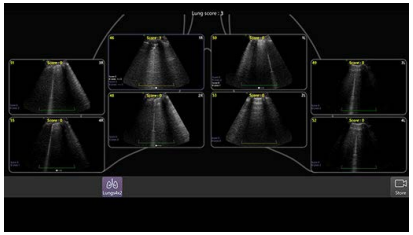
Move rapidly with an intelligent workflow

The Venue family systems simplify busywork with protocol management and easy documentation features to provide a visual overview.

Easy and fast exam documentation

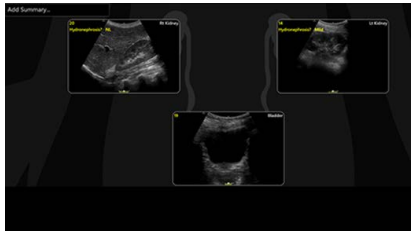
eFAST diagram

Allows users to assess and document patient status, from internal bleeding to pneumothorax, with up to an 80% reduction in keystrokes.[6]



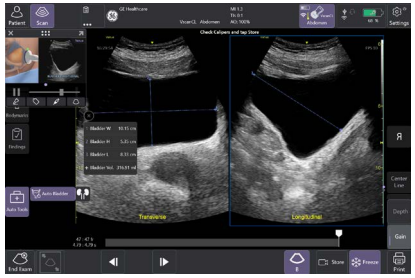
Lung diagram

Single-view diagram of anatomical lung segments with one-click image storing that automatically calculates the Lung Ultrasound Score (LUSS).



Renal diagram

Provides easy follow-up for patients with suspected hydronephrosis.



Auto Bladder Volume

This AI-enabled tool provides rapid and easy urinary bladder volume measurements, saving clinicians valuable time and enhancing clinical accuracy.

See more, faster

Simple Screen

Remove the clutter and see only what you need to see. This feature allows you to see up to a 39%[7] larger ultrasound image and view only the icons you want.

Follow Up

Automatically recalls parameter settings from a previous exam, including comments and body patterns. Also supports monitoring patient treatment response over time, with a side-by-side view of historical and new images.

Assist training with Scribble

Fast-track training by leveraging a touch-operated pointer and free-drawing capabilities, visible on an external monitor or shared screen.

See what you need to see

Experience clear images on a range of patients with the latest probes and transducers for the Venue family. With our button probes, you can perform procedures while controlling multiple parameters from the probe without breaking the sterile field.

Linear

L4-20t-RS

XDclear™

Supports high-frequency imaging of superficial structures while also being able to penetrate deeper anatomy without compromising imaging quality. With four configurable buttons.

L4-12t-RS

Four-button programmable transducer for peripheral vascular, nerve blocks, and needle guidance.

12L-RS

An excellent linear transducer for peripheral vascular, small parts, nerves, and pediatric medicine.

9L-RS

Linear for superficial imaging, designed for deeper nerves, muscles, and vessels.

ML6-15-RS

Mixed array technology for clear, uniform images superficial to mid-field.

Phased

M5Sc-RS*

Probe for abdominal, pediatrics, and cardiac imaging applications.

Available on Venue only.

Sector

3Sc-RS

Sector probe for high quality cardiac, abdomen, lung, and transcranial imaging.

6Tc-RS

Transesophageal probe designed for high-resolution cardiac images.

Curved (convex)

C1-5-RS

A curved array supporting imaging of mid to deep structures.

8C-RS

Micro convex with high-frequency, wide field of view and small footprint.

C2-9-RS

XDclear™

Curved probe with XDclear technology delivers powerful high fidelity and wide bandwidth for impressive deep penetration and high resolution.

Wireless dual probes

Vscan Air™ SL & Vscan Air CL

Dual-probe imaging power—complete shallow and deep scans without switching probes or compromising image quality. SL features sector and linear ends, while CL features curved and linear ends.

Explore all ultrasound transducers

Made for your point of care

From bedside to tight spaces, our systems can go from cart-to-table-to-wall. Smooth and durable surfaces support infection control efforts. Compact footprints and large screens are excellent for bedside interventional procedures with minimal disruption to patients.

Easy to reach probes

Smart cable management puts probes safely up top and cables out of the way and off the floor

Easy to clean

Smooth and seamless surface supports infection control efforts

Reliable support

The Venue family is backed by a multi-year warranty[8]

Long operation

Batteries can provide active scan times of up to four hours

Robust

A durable screen, bumpers and multi-purpose handles protect against bumps, bangs, and slashes

Easy to move

Sleek footprint and big wheels for nimble maneuvering.

Find a Venue family system that will fit right in

Wherever you perform critical care, there is a Venue system designed to meet your needs. Learn more about the members of the Venue family with this side-by-side comparison.

	Venue	Venue Go	Venue Fit	Venue Sprint
Portability	Adjustable cart base	Unit detaches from adjustable cart and allows for use on table top or standard VESA® connection	Unit detaches from adjustable cart and allows for use with kickstand or standard VESA connection	Tablet style detaches from cart
Battery life (scan time)	Up to 4 hours	Up to 2 hours	Up to 1 hour	Up to 50 minutes
Monitor size	19" (48.3 cm) color touch screen	15.6" (39.6 cm) color touch screen	14" (35.6 cm) color touch screen	13" (33 cm) color touch screen
Ratio	5:4	16:9	16:9	16:9
Active probe ports	4 (plus wireless connectivity)	3 (plus wireless connectivity)	2 (plus wireless connectivity)	Wireless only
Footprint of cart	19.4" (492.8 mm) wide x 21.4" (543.6 mm) deep	19.9" (505 mm) wide x 18.9" (480 mm) deep	18.7" (474.9 mm) wide x 18.7" (474.9 mm) deep	18.7" (474.9 mm) wide x 18.7" (474.9 mm) deep
Weight of unit (off cart)	–	13.9 lbs. (6.3 kg)	12 lbs. (5.44 kg)	1.97 lbs. (0.89 kg)

GE HealthCare

Learn more about the Venue family at work in critical care

About GE HealthCare Technologies Inc.

GE HealthCare is a trusted partner and leading global healthcare solutions provider, innovating medical technology, pharmaceutical diagnostics, and integrated, cloud-first AI-enabled solutions, services and data analytics. We aim to make hospitals and health systems more efficient, clinicians more effective, therapies more precise, and patients healthier and happier. Serving patients and providers for more than 125 years,

GE HealthCare is advancing personalized, connected and compassionate care, while simplifying the patient's journey across care pathways. Together, our Imaging, Advanced Visualization Solutions, Patient Care Solutions and Pharmaceutical Diagnostics businesses help improve patient care from screening and diagnosis to therapy and monitoring. We are a $19.7 billion business with approximately 53,000 colleagues working to create a world where healthcare has no limits.

Follow us on Facebook, LinkedIn, X, Instagram and Insights for the latest news, or visit our website gehealthcare.com for more information.

References:

1. GE HealthCare internal study DOC3138602.
2. GE HealthCare internal study DOC3139738.
3. External clinical review JB16411XX.
4. Messaging and claims DOC2454794 and DOC2391130.
5. Technical product claims DOC2199650.
6. GE HealthCare Internal study DOC2254811.
7. ShortJ, Acebes C, Rodriguez-de-Lema G, et al. Visual versus automatic ultrasound scoring of lung B-lines: reliability and consistency between systems. Med Ultra graphy 2019, Vol 21 no1, 45049 DOI: 10.11152/mu-1885.
8. Please consult your local GE HealthCare representative for warranty term information in your region.

† AFI is available on Venue and Venue Go.

‡ Available on Venue, Venue Go and Venue Fit. These systems are designed for compatibility with commercially available Ultrasound contrast agents. Because the availability of these agents is subject to government regulation and approval, system features intended for use with these agents may not be commercially marketed nor made available before the contrast agent is cleared for use. Contrast-related system features are enabled only on systems for delivery to an authorized country or region of use.

Offerings mentioned in the material may be subject to government regulations and may not be available in all countries. Please check with local GE HealthCare representative for details.

GE HealthCare reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation.

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