

# Reach the next level of shared-service imaging.

## Vivid S6 and S5 cardiovascular ultrasound systems

The Vivid™ S6 and S5 Signature Class CV ultrasound systems feature an innovative design that improves productivity. Combining the mobility of miniaturization with the comfort of a console, the compact Vivid S6 and S5 offer high-performance imaging that can bring workflow to the next level.

Fully integrated cardiac, vascular, and OB/GYN measurement and report packages improve productivity, and reduce time spent documenting after the patient has left. The vascular package offers automated vascular calculations, as well as automatic optimization tools to improve the efficiency of all types of vascular exams. The systems' automated image quality features and wide range of connectivity options facilitate faster acquisitions, streamline procedures, and provide new productivity standards for your lab.



“I like the system, it has great image quality. It’s a great system.”

Dr. Richard Milani, Director of the Non-Invasive Laboratory Ochsner Clinic Foundation, New Orleans, LA

## Performance

The systems offer several automated options that make acquisitions easy, and enhance image quality. Easy manipulation of data facilitates rapid interpretation and confident diagnosis for all applications.

- **Compound Imaging\*** improves vessel wall definition, spatial and contrast resolution.
- **Speckle Reduce Imaging** reduces speckle noise in real-time, resulting in improved border definition and tissue texture.
- **Smart Depth** adapts frequency, focus position and several internal parameters automatically to the selected depth.
- **Automatic Tissue and Spectrum Optimization** provide automatic optimization with one touch of a button that’s placed well within reach.
- **Multiple Focus Control** optimizes the image for excellent resolution throughout the entire image.
- **LOGIQView\*** permits view-wide scenarios by building up the image while moving the probe.
- **Wide Aperture\*** receives with two narrower beams instead of a wider beam, creating higher lateral resolution and better penetration.



## Reach

The Vivid S6 and S5 can reach more patients' needs with a wide range of tools that deliver better image quality and quicker exam times, for increased productivity in most echo environments. The systems offer innovative shared-service imaging features:

- **IMT** provides automated calculations of intima media thickness.
- **B-Flow\*** allows real-time visualization of vascular hemodynamics by directly visualizing blood reflectors, and presenting the information in a gray-scale display.
- **BFI (Blood Flow Imaging)\*** displays color Doppler with speckle reflectors for better flow visualization of hemodynamic patterns.
- **Full cardiac, vascular, and OB/GYN reporting** allows customization for all modalities.

## Mobility

The ergonomic design of the Vivid S6 and S5 gives the user optimal ergonomics for mobile studies.

- Physiological "**Flex-Fit**" mechanism (up and in, and down and out) enables continuous pivoting height adjustment of the control panel, while keeping optimal distance from the user, and leaving just the right legroom for standing or sitting positions.
- **Horizontal keyboard swivel** ensures optimal placement and comfort during operation.
- "**Flex**" key, located next to the trackball, can be assigned to assume the function of other, more distant keys for minimal effort, increased speed, and ease of use.

The distinctive industrial design offers several productivity features:

- **Monitor Auto Sensor\*** saves time by adapting the monitor brightness, contrast, and gamma to the environment's lighting conditions.
- **Uninterruptible Power Supply** automatically saves data and turns off the system in case of power failure or accidental shutdown.
- **3 probe connectors** offer three probe options at your fingertips, with no port change for faster probe choice.
- **15" (Vivid S5) 17" (Vivid S6) high contrast wide-angle display** offers easy viewing at any angle.

## Compatibility

The Vivid S6 and S5 are members of the Vivid family, therefore they offer a wide range of advanced connectivity options that can improve productivity. These include compatibility with the EchoPAC™ PC review station, the Image Vault, DICOM servers and DICOM printers. Removable storage media includes DVD/CD, USB flash cards and an MO disk.

In addition, the Vivid S6 and S5 offer the ability to import the database from a Vivid 3 or 4 system. So the existing patient examination data and images are maintained, and new examinations can be added.

Vivid S6 and S5 probes are compatible with the Vivid *i* and Vivid *e* systems. The TEE probes\* are also compatible with Vivid 3 and Vivid 7.

\*Only available for Vivid S6

“The Vivid S6 has all the vascular tools of a high-end system in an ergonomic, mobile design.”

Dr. Yung-Wei Chi, D.O., Vascular Lab Director  
Ochsner Clinic Foundation, New Orleans, LA

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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