

# Stress without stress

## Vivid S6 cardiovascular ultrasound system

The mobile Vivid™ S6 cardiovascular ultrasound system offers a complete, easy-to-use package for stress echo. Distinguished by its excellent image quality, sensitivity, high frame rates and speed, the Vivid S6 delivers the diagnostic performance clinicians need – in an affordable, ergonomically-designed system that can improve the workflow of any stress echo environment.

With innovative features that enhance image quality and facilitate rapid interpretations, the advanced capabilities of the Vivid S6 SmartStress package can streamline stress echo exams and increase the diagnostic confidence of clinicians.

**SmartStress** – Time-saving function improves workflow, shortens optimization time and increases reproducibility by automatically adjusting the settings for the next stress level. SmartStress can save over 17 imaging parameters from each imaging plane – and then recall the parameters at each stress level for the same plane, eliminating the need for system adjustments on the higher stress levels.

**Flexible templates** – Advanced and flexible stress echo examination protocols for exercise and pharmacological stress examinations.

**Template editor** – Flexible template editor allows you to configure existing templates or create new templates, and customize the number of stress levels, views, heart cycles, systolic or full-cycle capture and more.

**2-minute continuous capture buffer** – Longer buffer time allows you to capture more than 90 loops to select from for studies.

**Connectivity** – A wide range of connectivity options allow you to save or export data to EchoPAC™, DICOM server or media, Image Vault server, CD/DVD or MOD media, or USB stick.

**Raw data** – Acquisition of raw ultrasound data (over 2 min. continuous capture mode) and storage preserves superb image quality and permits reprocessing of original-quality data for new assessment at any time.

**Wall motion scoring** – Wall segment scoring and reporting with bull's-eye and segmental views.



“One-touch optimization of SmartStress allows quick optimization, which means quicker acquisition. And quicker acquisition leads to accuracy.”

*Dr. Sangetta Shah, Cardiologist  
Ochsner Clinic Foundation, New Orleans, LA*





## Designed for high performance, high comfort.

Stress echo has been utilized in the echo lab for many years to help detect coronary artery disease (CAD). Physical stress tests and pharmacological stress tests are often performed for immediate results in different settings, such as private practices, hospitals and mobile clinics.

The Vivid S6 allows image acquisition, review, wall-segment scoring and reporting – all in one unit. The EchoPAC workstation can also be used for review. The stress echo package with memory buffer offers pharmaceutical, exercise and bicycle stress exam protocols with user-configurable templates and shuffle mode.

The small design of the Vivid S6 offers the comfort and workflow of a console, and provides solutions for a wide range of clinical settings. It performs a broad range of advanced cardiovascular imaging modes; in addition to SmartStress, such as TVI, TT, TSI, Smart Depth and LVO Contrast, and offers comprehensive connectivity features and flexible reporting.

- Intuitive, easy-to-use interface
- One-touch image optimization tools for quicker acquisitions
- Extensive post-processing capabilities
- Ergonomically-designed keyboard with horizontal swiveling enables continuous pivoting
- Flex-Fit movement provides height adjustment of the control panel, while keeping optimal distance from the user and leaving legroom for standing or sitting
- Excellent report-design capabilities
- Flat-screen 17" LCD monitor ensures wide viewing angles with optimal placement and comfort during operation

By building on the success of other innovations, GE Healthcare has created a reliable, high-performance system that brings advanced stress echo capabilities and workflow efficiencies to your clinical practice.

“Comprehensive stress echocardiography for different clinical needs, i.e., ischemic heart disease, valvular heart disease, systolic and diastolic heart failure; with all modes available in one template.”

*Dr. Stephan Beckmann, Cardiologist,  
Berlin, Germany*

GE Healthcare  
9900 Innovation Drive  
Wauwatosa, WI 53226  
U.S.A.

[www.gehealthcare.com](http://www.gehealthcare.com)

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imagination at work