



# Vivid S60N



Ultrasound. Elevated.

# The Vivid™ S60N is a portable, robust 2D cardiovascular ultrasound system designed to help you reach new heights of care efficiency and effectiveness.

## Productivity. Elevated.

Minimize the distractions. Expand your focus. Now you can obtain clear, detailed imaging quickly and easily. New technologies and workflow tools on Vivid S60N provide fast, accurate visualization and quantification, while reducing clicks and repetitive tasks. You'll love how these cSound-enabled automated features help streamline both routine exams and advanced studies. With the time you save and insights you gain, you can concentrate on evaluating critical cases and delivering what matters most – high-quality, efficient care.

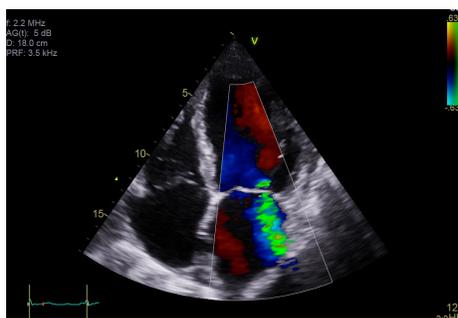
### Vivid S60N with cSound

Put your department ahead of the technology curve by combining the proven breadth and performance of the Vivid product line with cSound™, the powerful software beamformer image reconstruction platform. Vivid S60N and cSound take 2D ultrasound to a whole new level – potentially helping to reduce non-diagnostic exams and cost of care.<sup>1</sup>

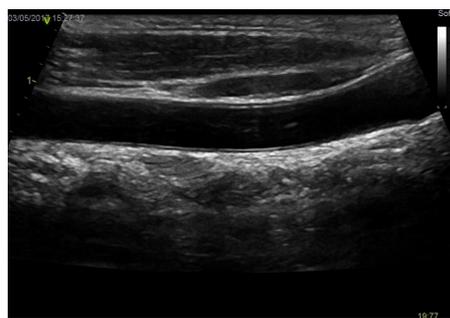
## Visualization

### Crisp imaging. Deep views.

Experience the exceptional 2D image quality powered by cSound's advanced software image reconstruction and graphics. Additionally, view detailed images of the heart for assessment and diagnoses in the echo lab. Navigate smooth, continuous and detailed images with ease via new enhancements in color and clarity.



**Adult Echo Color Doppler** – The 3Sc phased array cardiac probe combines acoustic amplifier technology and an advanced heat dissipation regime to provide ultra-wide bandwidth and high-end image quality.

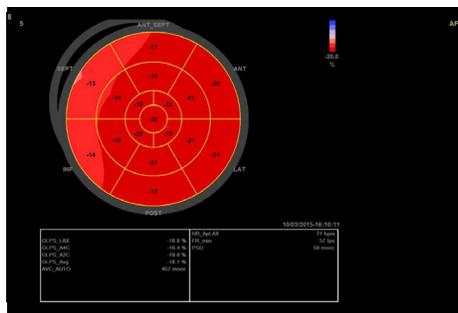


**Virtual Convex\*\*** provides a wider far field visualization and aims to enhance image quality on linear probes.

## Quantification

### Define treatments

Quantification with Vivid S60N is all about helping providers evaluate and address cardiovascular issues and to help them define treatments. Count on a full suite of easy-to-use, intuitive tools to support your work.



**Automated Function Imaging\* (AFI)** – Assess and quantify left ventricular wall motion, calculating a large set of parameters.

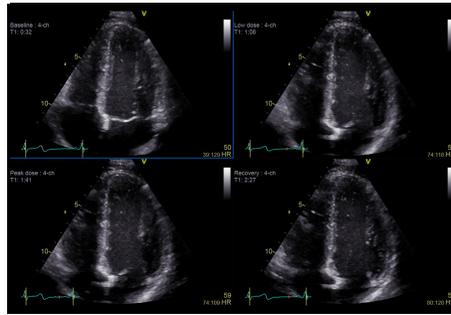


**IMT** measurement is fully integrated with the measurement package, worksheet, archiving and reporting functions to help support uninterrupted workflow.

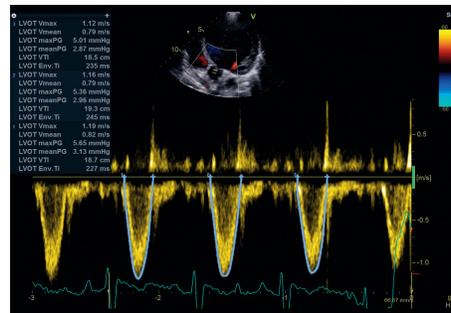
## Workflow

### Streamline your exams

Vivid S60N with cSound performance empowers your team with a variety of efficient tools. You'll find it easy to achieve consistent information across a wide variety of patients. And how tools like the ability to quantify wall motion abnormalities can help you diagnose. You'll also appreciate the easy-to-use tablet-like experience of the Image Manager and configurable interface.



**Smart Stress<sup>®</sup>** – A stress package with memory buffer offers pharmaceutical, treadmill and bicycle stress exam protocols, with user-configurable templates and shuffle mode.



**Cardiac Auto Doppler** – With minimal user interaction, Cardiac Auto Doppler provides Doppler measurements over all heart cycles for the most common parameters, supporting consistent results in advanced studies and potentially saving time.



**Scan Assist Pro<sup>®</sup>** – Streamline your most common exams through preset protocols. With Scan Assist Pro, you can customize the system for your standard echo, vascular, and abdominal exams. The protocols assist you throughout each step of an exam by automatically setting up modes and measurements, as well as annotations, helping enhance image acquisition consistency and helping reduce the number of keystrokes.

## Security

Vivid S60N is built and configured for reliability and security.

**LDAP** – Help ensure patient data safety with Lightweight Directory Access Protocol, which allows your IT team to maintain greater control of who's in the system, reducing the risk of breaches.

**Configurable system password** – There are fully configurable user log-on passwords and internal passwords that can meet your IT department's requirements regarding security strength.

**Disk encryption** of the drive, which contains patient archive and images, helps ensure safety and privacy of the data, even in case of theft.

## Connectivity

**Pediatric DICOM<sup>®</sup> SR support<sup>\*</sup>** – Pediatric measurements sent by SR automatically populate the pediatric report on the receiving side for fast, accurate review elsewhere.

**Enhanced support for cardiac and vascular DICOM SR**, including user defined measurements.

**Enhanced DICOM review** – Accelerate reviewing and reporting by using contrast, brightness and zoom/pan controls to optimize DICOM images.



GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world. GE (NYSE: GE) works on things that matter – great people and technologies taking on tough challenges.

From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients.

## Imagination at work

<sup>1</sup> Robert Kulina, MD, MS; Sunil Agarwal, MD, PhD; Brandon Wiley, MD; Jagat Narula, MD, DM, PhD, FACC; Partho P. Sengupta, MD, MBBS, DM, FASE; Farooq A. Chaudhry, MD, FACP, FACC, FASE, FAHA Mount Sinai Icahn School of Medicine NY, NY. New Software Beamforming Algorithm is Superior to Standard Hardware-Based Beamformer in Endocardial Border Detection. GE Healthcare. 2016.

\*Optional

\*\*Compared to scanning without Virtual Convex

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