



## Vivid 3

### Cardiovascular Ultrasound System

imagination at work





# Excellence should be shared.



Should technological excellence be reserved for cardiac applications alone?

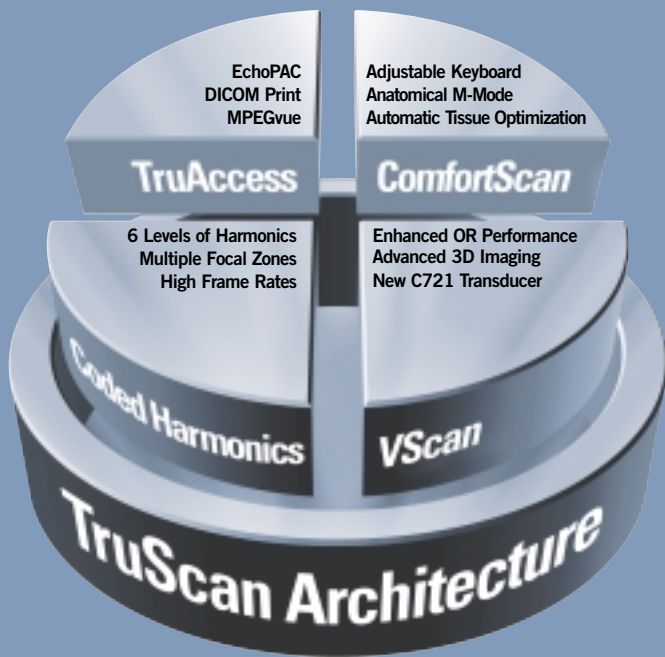
We think not.

That's why the easy-to-use Vivid 3 system brings its raw data post processing, high frame rates, high-resolution image quality, and speed of operation to all your shared service applications.

And now, with up to 18 probes, you can perform the widest array of clinical examinations yet:

- Abdominal
- Vascular
- OB/GYN
- Small parts
- Pediatrics
- Cardiac
- Intraoperative Monitoring

GE Medical Systems makes breakthrough technology easier to use every day. The economical Vivid 3 ultrasound system offers unprecedented versatility for your broad spectrum of patients.



At the core of the Vivid family of cardiovascular ultrasound systems is TruScan, GE's revolutionary imaging platform.

With TruScan, the ultrasound data is digitally acquired and stored in its raw state to preserve the integrity of the data. The resulting pristine images can then be viewed, measured, optimized and analyzed at any time, without losing any of the original integrity and image quality.

## An investment that grows with your clinical needs.

### VScan for Complete Versatility

Up to 18 transducers offer an unprecedented range of applications, such as:

- Advanced 3D option for vascular studies.
- Enhanced OR performance with TEE and intra-operative probes, and critical time-saving features.
- Stress Echo option reduces exam times by allowing mid-exam protocol changes for shortened data analysis and report generation.
- New C721 transducer for pediatric and neonatal applications.

### Coded Harmonics Image Quality

Increase your diagnostic confidence across a broad spectrum of applications with:

- Higher frame rates, dynamic range and superb color flow sensitivity.
- Dual focus and multi-focal capabilities in 2D imaging.

### TruAccess for Total Data Management

Increase patient throughput with full raw data DICOM connectivity that shifts post-exam review to an EchoPAC workstation and frees your system for additional scanning.

- New MPEGvue option lets you compactly save entire patient records – including high-quality images – onto CDs that can be transferred easily and inexpensively for remote viewing on your PC via e-mail or network communication.
- Design custom report templates by selecting the format and appearance you need – even import your facility's logo.

### ComfortScan for a Customized Workspace

Optimize workflow with new breakthrough features that make you more comfortable and help you perform your job faster.

- Automatic Tissue Optimization (ATO) helps you obtain quality images faster by adjusting the image settings automatically, at the touch of a button.
- Anatomical M-Mode option lets you correct for off-axis orientation when the heart is not shaped or positioned normally.



Parasternal long axis



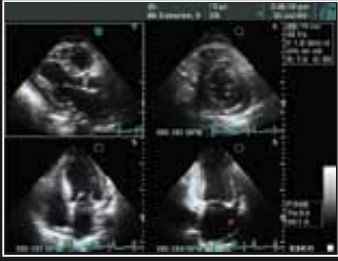
Anatomical M-Mode



Mitral regurgitation



Spectral Doppler evaluation of aortic insufficiency



Stress echo



Transesophageal imaging



Transesophageal demonstrating tricuspid regurgitation



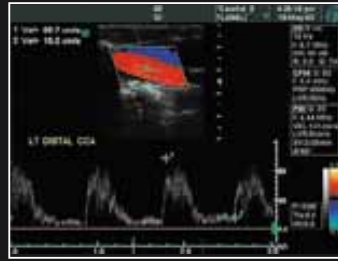
Fetal heart



Carotid artery split screen view



Carotid artery with color Doppler



Carotid image with spectral Doppler



Interleaved Triplex



Gall bladder



Liver



Renal vascular with color angio



Fetal profile



Color Doppler during renal evaluation



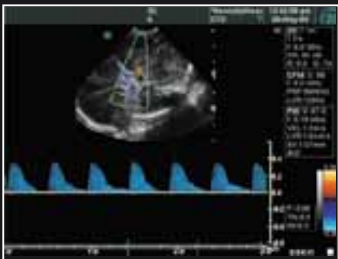
Small part application for thyroid imaging



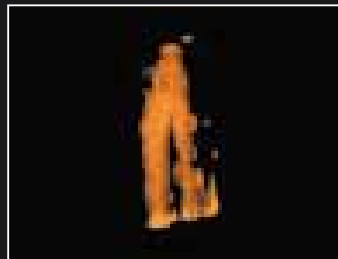
High frequency breast imaging



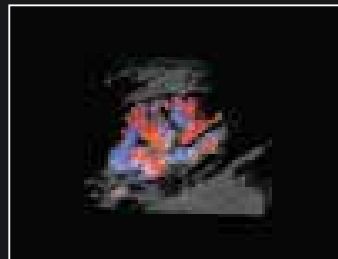
Neonatal imaging



Transcranial Doppler



3D carotid vessel



3D renal with color



Advanced vascular 3D

For more than 100 years, healthcare providers worldwide have relied on GE Medical Systems for medical technology, services and productivity solutions.

So no matter what challenges your healthcare system faces—you can always count on GE to help you deliver the highest quality healthcare.

For details, please contact your GE representative today.



## **GE Medical Systems** **Ultrasound**

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