Vivid™ T8 Ultrasound

Cardiac and shared services.
Together like never before from GE.

Vivid cardiac.
Shared services.
Paired for excellent performance.

In the Vivid T8, we've taken the established cardiac imaging capabilities of GE Vivid systems, and blended them with exceptional shared services performance of the LOGIQ™ systems.

The result: some of the best features of both systems combined into one value hybrid cardiovascular ultrasound system – rugged, reliable, robust, and rich with features, yet still affordable and easy to use. And, with three years of comprehensive service coverage, the Vivid T8 system is designed to help enhance the total value of ownership.

▶ Scan with convenience.

▶ Leverage Vivid cardiac IQ and functionality.

▶ Share services freely.

Home

Scan with convenience.

The Vivid T8 is designed to be easy to operate and transport in many environments. Its intuitive user interface is a true Vivid console, with Vivid applications, features, workflow, and reliability, simplified for ease of use.

▶ Convenient control layout

▶ Ready-to-go mobility

▶ Ample transducer capacity

▶ Low use error

Home

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▶ Convenient control layout

▶ Ready-to-go mobility

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Convenient control layout
The touch screen, rotary dials, and patient management
buttons are conveniently located, and all mode buttons are
grouped together near the trackball.

Scan with conv

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in many environments. Its intuitive u
Vivid console, with Vivid application
reliability, simplified even more for e

▶ Convenient control layout

▶ **Ready-to-go mobility**

▶ Ample transducer capacity

▶ Low use error

Ready-to-go mobility
Weighing just 128 pounds, with durable casters and push handles front and back, the Vivid T8 is easy to push and roll on tiled or carpeted floors.

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▸ Low use error

Ample transducer capacity
The Vivid T8 has four RS transducer ports and four standard transducer holders, plus two optional ones.

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▶ Convenient control layout

▶ Ready-to-go mobility

▶ Ample transducer capacity

▶ Low use error

Low use error
Even after numerous normal power-on/off cycles, repeated forced power-off cycles, and dozens of transducer removals and insertions, the Vivid T8's use error was low.

Home

Leverage Vivid cardiac IQ and functionality.

A feature-rich system with legacy Vivid software, the Vivid T8 uses an array of advanced quantitative tools to help enhance its cardiac imaging capabilities.
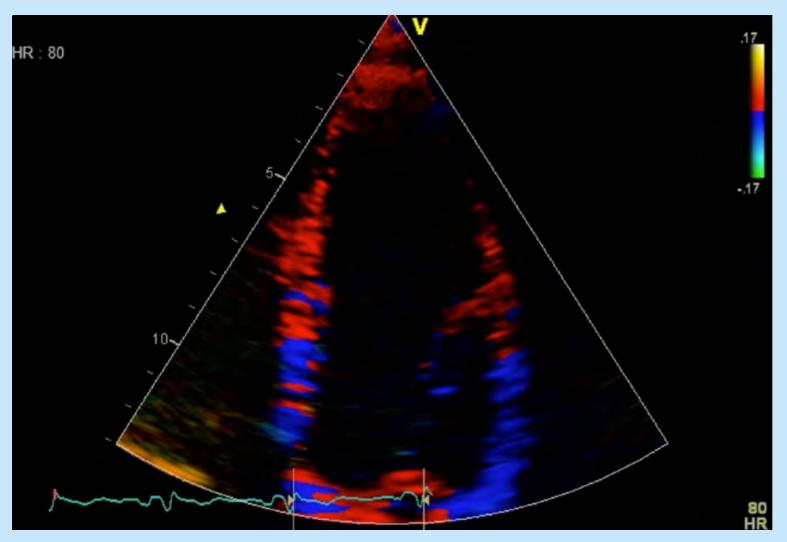
▶ Tissue Velocity Imaging

▶ AutoEF

▶ SmartStress

▶ Automated Function Imaging

▶ TissueTracking/
Tissue Synchronization Imaging

▶ Strain/Strain Rate Imaging

▶ Complete cardiac transducer selection

▶ Transesophageal Echocardiography

Tissue Velocity Imaging

Even after numerous normal power-on/off cycles, repeated forced power-off cycles, and dozens of transducer removals and insertions, the Vivid T8's use error was low. dynamic information from moving heart tissue for quantifiable measurement of left ventricular function.
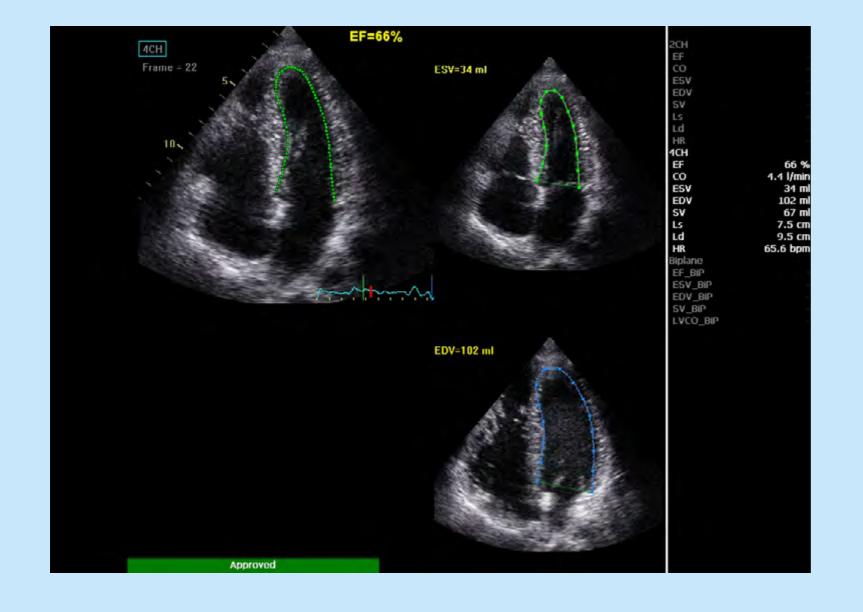

Click here to see the moving image online.

▶ **Tissue Velocity Imaging**

▶ AutoEF

▶ SmartStress

▶ Automated Function Imaging

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Tissue Synchronization Imaging

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Home

AutoEF*

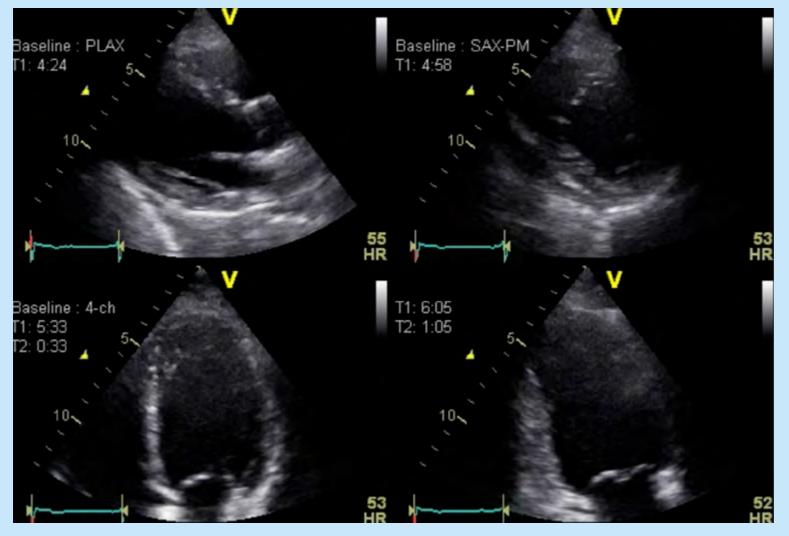Automatically assesses left ventricular ejection fraction using an automated, speckle-tracking ROI tool.

- Tissue Velocity Imaging
- AutoEF
- SmartStress
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  Tissue Synchronization Imaging
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SmartStress*

Automatically adjusts settings to help streamline workflow, increase reproducibility, and enhance diagnostic confidence.
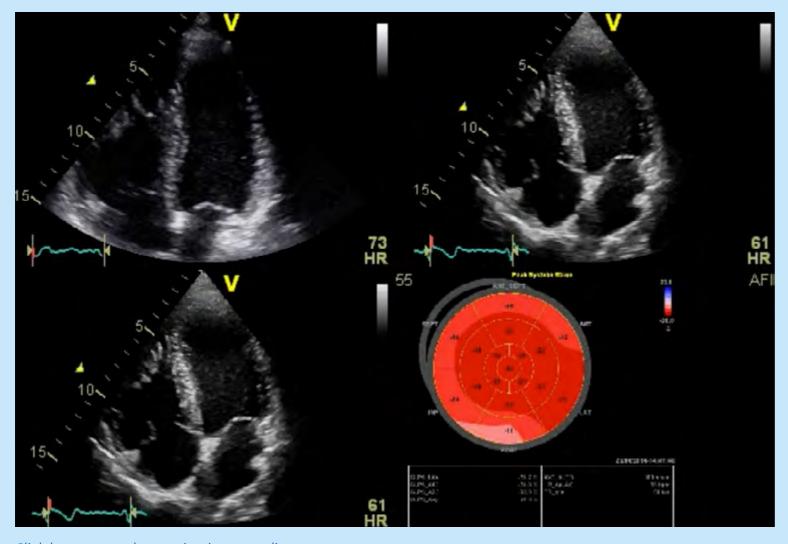

Baseline : PLAX
T1: 4:24

Baseline : SAX-PM
T1: 4:58

Baseline : 4-ch
T1: 5:33
T2: 0:33

T1: 6:05
T2: 1:05

[Click here to see the moving image online.](#)

- ▶ Tissue Velocity Imaging

- ▶ AutoEF

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Automated Function Imaging*

Assesses and quantifies left ventricular wall motion at rest, and calculates parameters to describe the function of the left ventricular walls. Nearly 400 papers have been published on AFI, which has received GE Healthcare's healthymagination validation for its proven reliability and reproducibility.
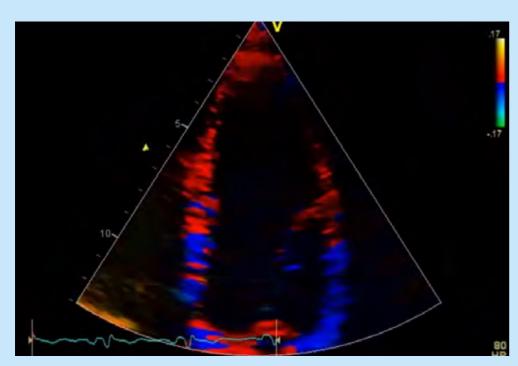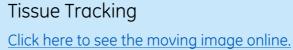

[Click here to see the moving image online.](#)

▶ Tissue Velocity Imaging

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Tissue Synchronization Imaging

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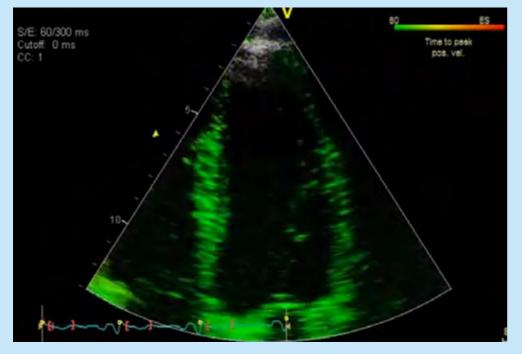▶ Complete cardiac transducer selection

▶ Transesophageal Echocardiography

Tissue Tracking*/Tissue Synchronization Imaging*

Provides additional image enhancement for assessing delayed cardiac wall motion.

Tissue Tracking

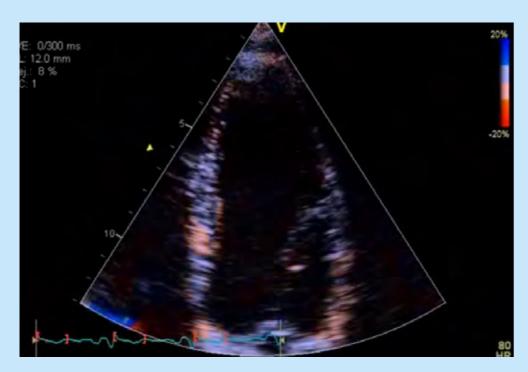Click here to see the moving image online.

Tissue Synchronization Imaging

Click here to see the moving image online.

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- Tissue Tracking/ Tissue Synchronization Imaging
- Strain/Strain Rate Imaging
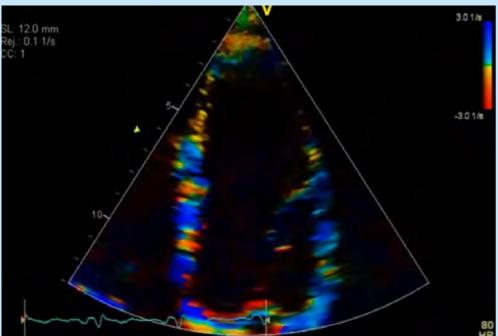- Complete cardiac transducer selection
- Transesophageal Echocardiography

Strain*/Strain Rate Imaging*

Helps enhance visual and quantitative recognition of dysfunctioning myocardial segments, and can help in evaluating regional systolic function in ischemic heart disease.

Strain

Click here to see the moving image online.

Strain Rate Imaging

Click here to see the moving image online.

- ▶ Tissue Velocity Imaging

- ▶ AutoEF

- ▶ SmartStress

- ▶ Automated Function Imaging

- ▶ Tissue Tracking/ Tissue Synchronization Imaging

- ▶ Strain/Strain Rate Imaging

- ▶ Complete cardiac transducer selection

- ▶ Transesophageal Echocardiography

Complete cardiac transducer selection

The Vivid T8 offers a 3Sc-RS transducer, a 6S-RS transducer, a 6Tc-RS transducer, and a pedoff transducer.

▶ Tissue Velocity Imaging

▶ AutoEF

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Tissue Synchronization Imaging

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▶ Complete cardiac transducer selection

▶ Transesophageal Echocardiography

Guide interventional procedures with confidence.

Adult multiplane transesophageal echo transducers are available for specific echo examinations and for monitoring and guidance to support interventional procedures, with the actual TEE scan plane position and transducer temperature always shown on screen. Vivid T8 TEE transducer 6Tc-RS is compatible with Vivid S6, Vivid S5, Vivid i/q and with Vivid E9 via an adapter.

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Share services freely.

Delivering exceptional shared service image quality, the flexible Vivid T8 gives you options that let you customize the system to your facility's shared service needs.
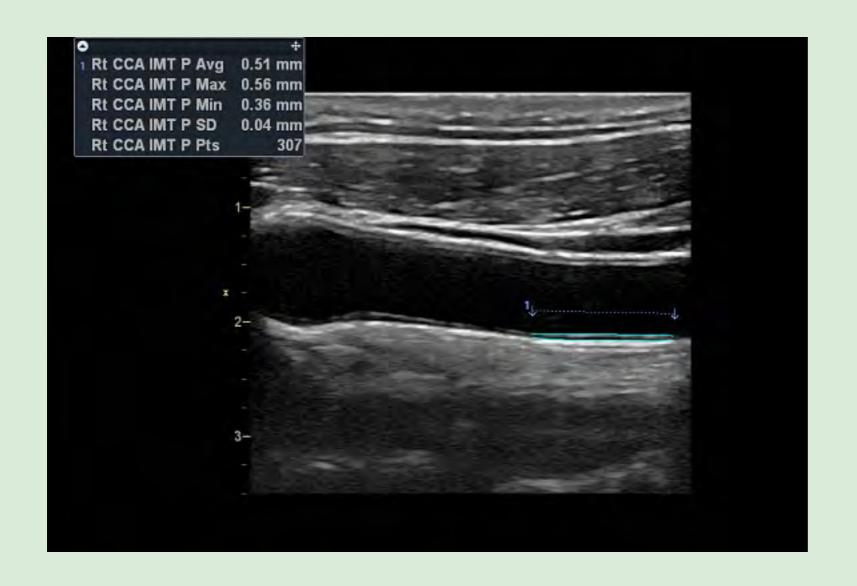
▶ Auto IMT

▶ Virtual Convex

▶ LOGIQview

▶ B-Flow

▶ Blood Flow Imaging

▶ Versatile shared service transducer selection

Home

Auto IMT*

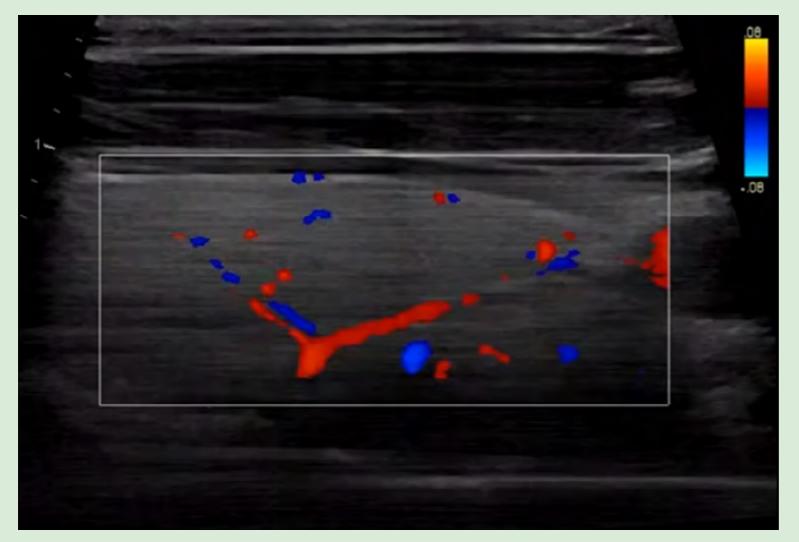Provides automatic edge detection for intima-media thickness and auto-completes required measurements.

1	Rt CCA IMT P Avg	0.51 mm
Rt CCA IMT P Max	0.56 mm
Rt CCA IMT P Min	0.36 mm
Rt CCA IMT P SD	0.04 mm
Rt CCA IMT P Pts	307

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Virtual Convex*
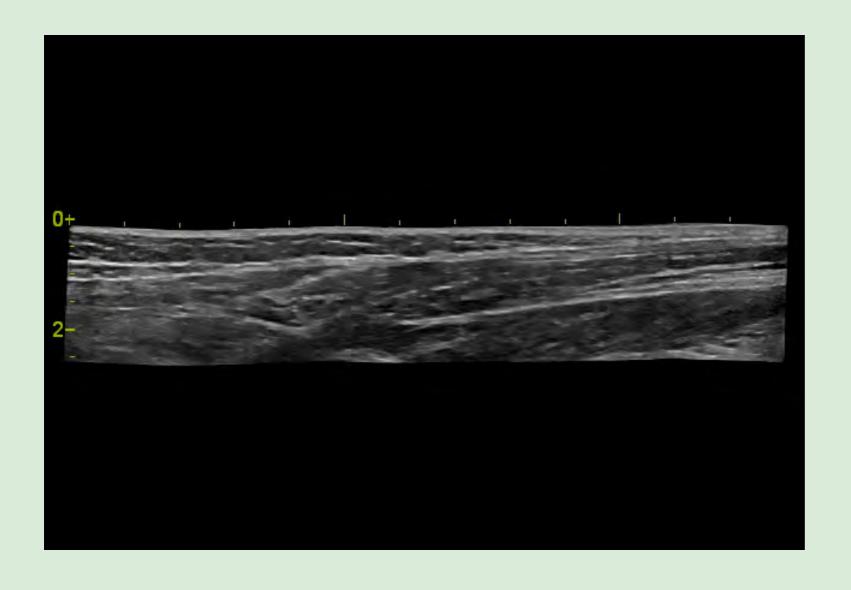
Extends the field of view when using linear transducers.

Click here to see the moving image online.

▶ Auto IMT

▶ **Virtual Convex**

▶ LOGIQview

▶ B-Flow

▶ Blood Flow Imaging

▶ Versatile shared service transducer selection

LOGIQview*

Increases the field of view to image large organs that
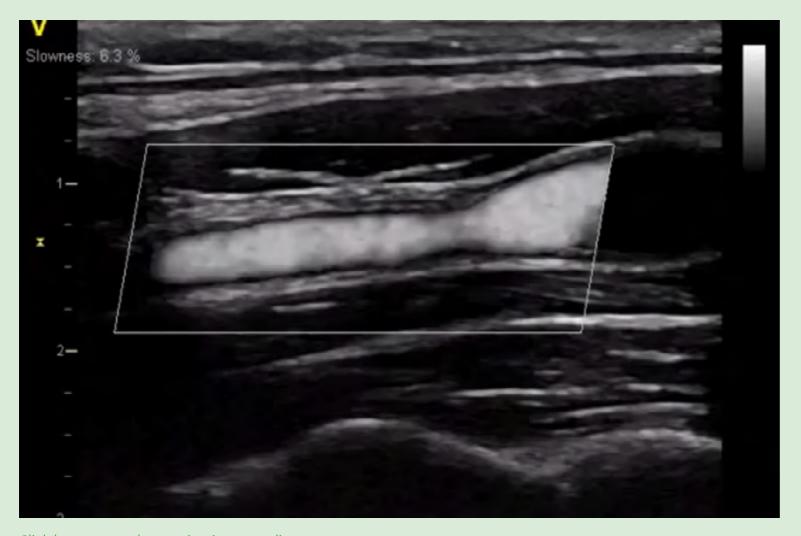typically can't be seen in a single image.

- ▶ Auto IMT
- ▶ Virtual Convex
- ▶ LOGIQview
- ▶ B-Flow
- ▶ Blood Flow Imaging
- ▶ Versatile shared service transducer selection

B-Flow*

Provides advanced spatial and temporal resolution to help assess blood flow and vessel wall structure without the limitations of Doppler.
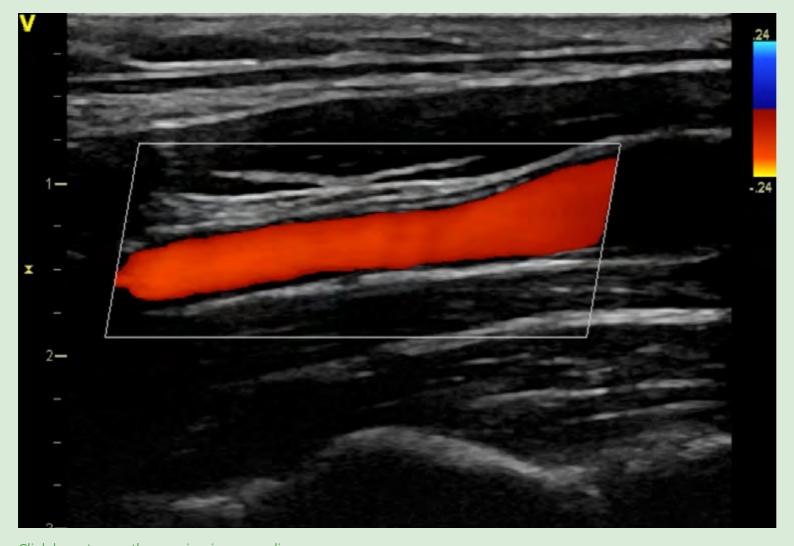

Slowness: 6.3 %

Click here to see the moving image online.

▶ Auto IMT

▶ Virtual Convex

▶ LOGIQview

▶ B-Flow

▶ Blood Flow Imaging

▶ Versatile shared service transducer selection

Blood Flow Imaging*

Provides enhanced visualization of blood flow dynamics using a signal-processing algorithm for visualizing blood flow data.

Click here to see the moving image online.

▶ Auto IMT

▶ Virtual Convex

▶ LOGIQview

▶ B-Flow

▶ **Blood Flow Imaging**

▶ Versatile shared service transducer selection

Versatile shared service transducer selection*

Provides enhanced visualization of blood flow dynamics using a signal-processing algorithm for visualizing blood flow data.

▶ Auto IMT

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▶ **Versatile shared service transducer selection**

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About GE Healthcare
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.

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