

GE Healthcare

Voluson E6

EXTRAORDINARY VISION





RELIABLE IMAGE QUALITY

Is your practice growing? Are clinical demands becoming more complex? Then it's time for a Voluson™ E6 from GE Healthcare. The Voluson E6 system is your introduction to the Expert Series and its many advantages for growing practices.

Based on the innovative Radiance System Architecture, the Voluson E6 delivers excellent 2D and 3D/4D image quality and color Doppler to address your clinical needs, while automated features and ergonomic design help make short work of busy schedules.

You can count on Voluson E6 image quality, day in and day out. From reliable 2D and color Doppler images to our advanced 3D/4D imaging technologies, you can have confidence in your Voluson E6 images.



A PROBE FOR THE OCCASION

The **Voluson E6** supports a wide range of 2D and 3D probes to help meet your unique and varied clinical needs. When combined with the advanced system architecture of the Voluson E6, Expert Series probes produce excellent images with ease.

SIMPLE, FAST WORKFLOW...

The Voluson E6 system contains time-saving features to help you accomplish more each day.

- Easy one-touch button workflow – Commonly-used scanning modes are right at your fingertips on the main screen of the touch panel
- Easy 3D and 4D imaging with automated tools and intuitive workflow
- Now you can adjust TGC with one touch for quick fine-tuning of image
- On-board connectivity features allow you to store and transmit data with ease



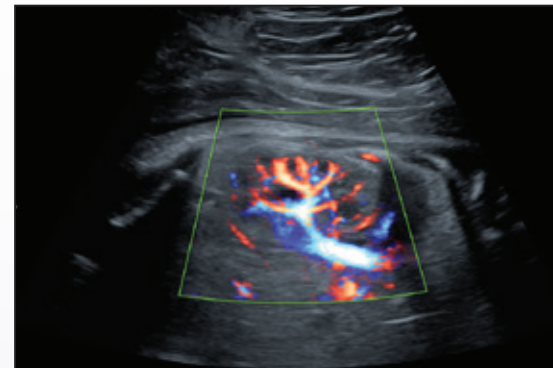
C4-8. Fetal heart



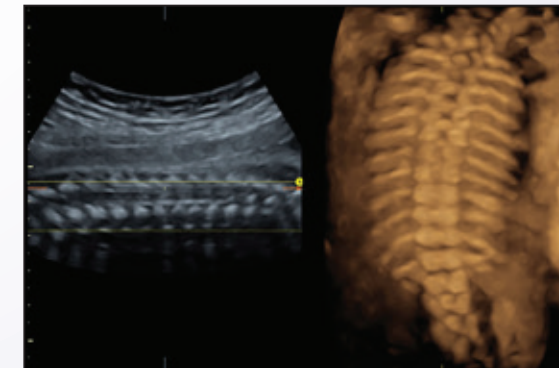
RAB6. HD-Flow fetal abdomen



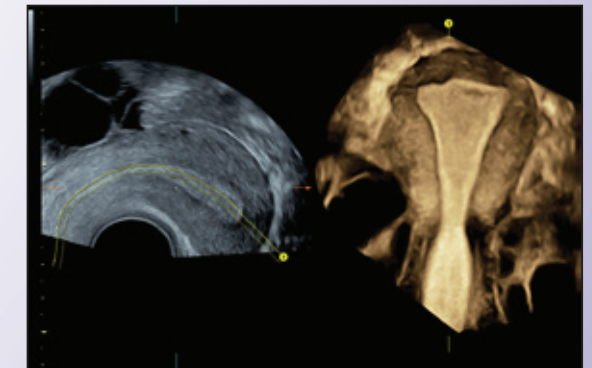
C1-5-D. Fetal chest and abdomen



9L. HD-Flow fetal kidney



RAB6. Skeletal rendering 24 week fetal spine



RIC5-9. Coronal uterus with OmniView

TURN UP YOUR VOLUME

With sophisticated beam formation and advanced rendering technologies, the **Voluson E6** system delivers 3D/4D images with exceptional anatomical realism. This can help enhance diagnostic confidence in critical exams.

HDlive

This innovative rendering technology helps provide exceptional anatomical realism with increased* depth perception to help enhance clinical confidence. This imaging capability can help you achieve a deep understanding of relational anatomy and enrich patient communication.

Advanced Volume Contrast Imaging (VCI) with OmniView

- Helps improve contrast resolution and visualization of the rendered anatomy with clarity in any image plane, even when viewing irregularly shaped structures

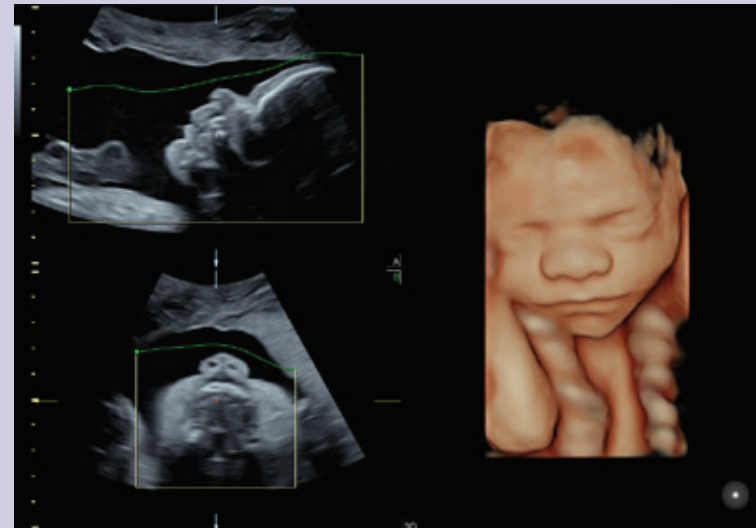
*Compared to traditional rendering.

SonoRenderlive

- Helps enhance efficiency in volume rendering with automated placement of the render line for optimized surface rendering. SonoRenderlive continuously updates render line placement with fetal movement during 4D examinations



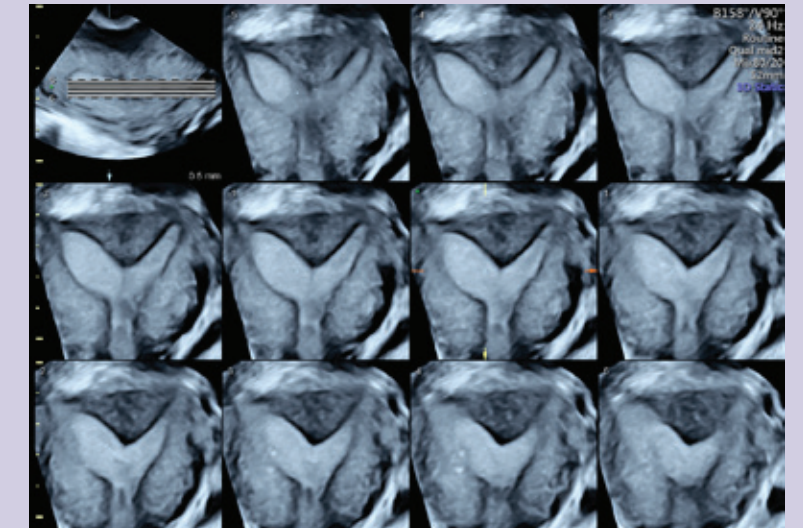
HDlive – Outline of anterior fontanel in second trimester fetus



HDlive with SonoRenderlive



22 week fetal spine rendered with Advanced VCI with Omniview



Uterine volume displayed with TUI

EXTRAORDINARY EASE



Enhance efficiency with 23" widescreen LED monitor.

- Customizable layout to match your workflow needs
- Report preview enabling quick view on diagnostic measurements
- Image presentation in Standard or XL format allows you to see tiny details clearly

One touch responsiveness. Simplified workflow.

- 12.1" touch panel
- Auto TGC for quick fine-tuning of images
- Efficient menu navigation with swipe technology

Quick and easy 1-button control panel up/down function allows for excellent ergonomics.

Probe port illumination.

Fast, secure data management for efficient communication.

- Integrated Software Digital Video Recorder, including USB recording
- Fast USB 3.0 connectivity
- Easy DICOM® integration
- Encrypt image and volume data for secure export

DICOM is the registered trademark of the National Electrical Manufacturers Association for its standards publications relating to digital communications of medical information.

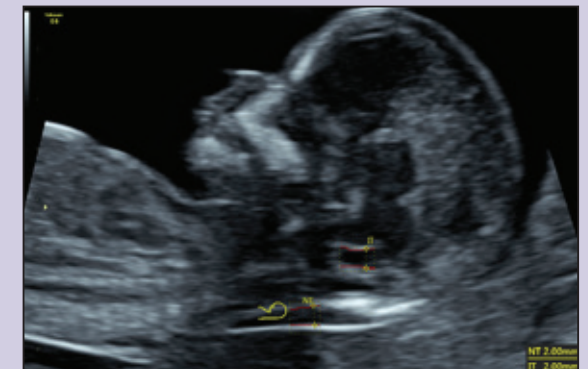
GAIN EFFICIENCY WITH AUTOMATION

Every minute counts so we continue to develop **easy-to-use automation tools** that help streamline workflow.

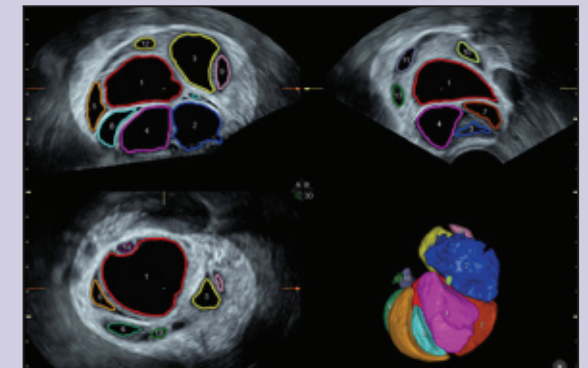
- **SonoBiometry** – Performs semi-automated biometry measurements (BPD, HC, AC, FL and HL) to help reduce keystrokes.
- **SonoNT** (Sonography-based Nuchal Translucency) and **SonoIT** (Sonography-based Intracranial Translucency) – Voluson technologies that help provide semi-automatic, standardized measurements of the nuchal and intracranial translucencies in the 1st trimester. Both tools can integrate easily into your workflow. SonoNT helps reduce the inter- and intra-observer variability that comes with manual measurements, and helps provide you with the reproducibility you demand.
- **SonoAVC™** (Sonography-based Automated Volume Count) – Innovative tool helps provide visualization and measurement of hypoechoic structures within anatomy such as ovarian follicles, fetal brain or sonohysterograms.
- **SonoVCAD™heart** (Sonography-based Volume Computer Aided Display heart) – By standardizing image orientation of the fetal heart, SonoVCAD^{heart} helps provide recommended views from a single heart volume or STIC acquisition.



SonoBiometry: semi-automated abdominal circumference measurement



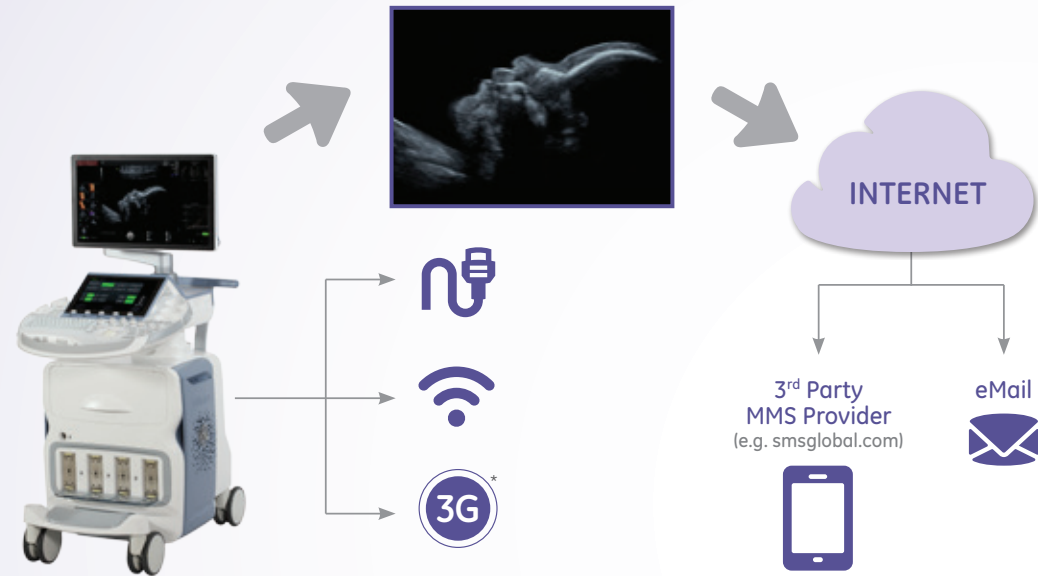
SonoNT: Semi-automated nuchal translucency
SonoIT: Semi-automated intracranial translucency



SonoAVC^{follicle}

MAXIMIZE EFFICIENCY AND COMMUNICATION

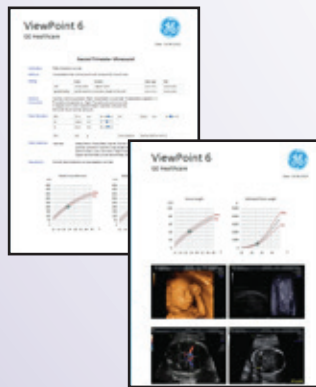
Voluson E6 provides **efficiency and security** with email export directly from the system. This easy-to-use feature can help save precious time communicating with referring physicians, colleagues or patients – to help you focus on what is important – your patients.



Direct email export of reports and images for referring physicians or patients

*Not available in all countries.

ViewPoint



With our powerful ultrasound data management solution, **ViewPoint™**, you can help streamline your workflow. Efficient digital connectivity gives you freedom and flexibility, and helps improve the archiving of images, volumes and structured reports.

- Help improve accuracy and save time by transferring image and measurement data with one click
- Interface with enterprise-wide systems, such as EMR and PACS for data when and where you need it
- Quickly create reports while capturing data for later analysis. Optimize, manipulate and analyze volume ultrasound data offline to free your ultrasound system for imaging more patients
- Access robust databases to document findings

JOIN THE CLUB. **VolusonClub.**

Among the benefits of membership are:

- Product educational videos on basic and advanced topics
- Product tips and tricks
- White papers about clinical benefits of Voluson technology
- Listings of tradeshow and educational courses where Voluson will be available
- Information on Voluson products and upgrades
- And much more!

Learn, Network, Share at www.volusonclub.net.

At your service – throughout the relationship

With the Voluson E6, you can count on **responsive service and support** from GE Healthcare. We know that a long-term relationship depends on providing you with technologies and programs that truly meet your needs for equipment maintenance and service, transducer protection and financing.





Imagination at work

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Data subject to change.

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