



# Voluson E6

EXTRAORDINARY VISION

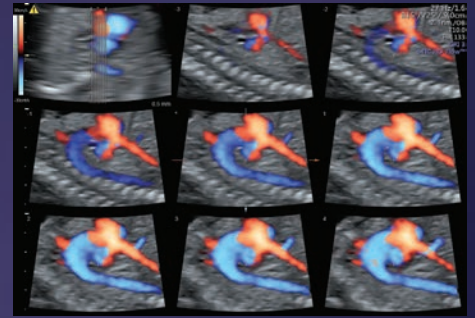
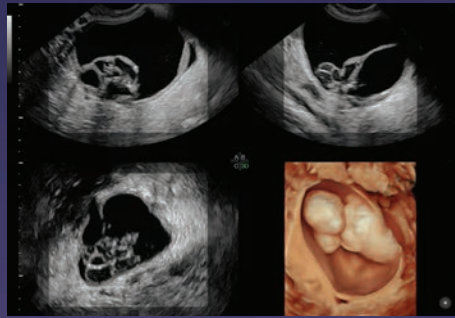


# RELIABLE IMAGE QUALITY

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.



## EXTRAORDINARY EASE

### Modern ergonomic design

- 23" widescreen LED monitor with customizable format, large clipboard, and standard/XL image formatting
- 12.1" touch panel with multi-touch functionality
- Quick and easy 1-button control panel up/down function for optimal positioning

### Simplified workflow

- Electronic TGC and efficient menu navigation with swipe technology
- Easy one-touch button workflow – Commonly-used scanning modes are right at your fingertips on the main screen of the touch panel
- Barcode scanner for efficient entry of patient information
- 4 active probe ports with port illumination



# CONNECT & SHARE – SECURELY

In your increasingly digital world, the Voluson E6 presents unique offerings to digitally connect with image archiving systems, referring physicians and patients as well as records changes to data edits, deletions, etc. with user tracing.

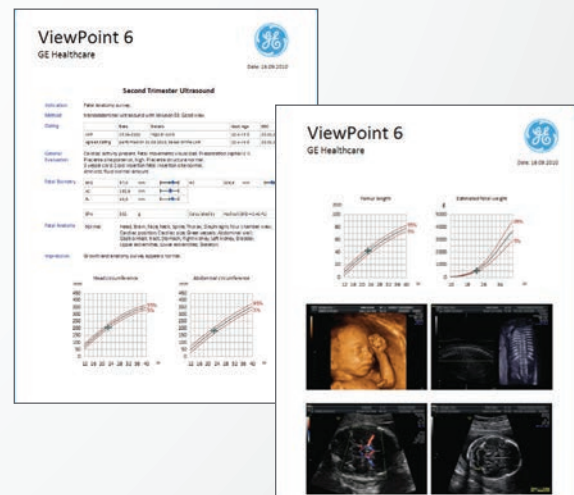
- Maintain patient privacy with user management and unique user login credentialing. The system can be easily configured to restrict access without proper login
- Integrated Software Digital Video Recorder (DVR), including USB recording
- Directly export 3D print files in multiple formats

GE Healthcare has partnered with Trice Imaging to provide an integrated cloud-based solution called Tricefy.™ Tricefy is embedded inside your Voluson and will allow you to archive and share your images and reports securely with colleagues and patients from any mobile phone, laptop or computer.



With ViewPoint,™ our powerful patient reporting and archiving solution, you can further simplify your ultrasound workflow through efficient digital connectivity giving you freedom and flexibility to optimize the archiving of images, volumes and structured reports. Share patient information with colleagues securely to get the answers the patients seek.

- Manage patient appointments with an intuitive clinical scheduler
- Transfer patient information and image/measurement data with seamless Voluson/ViewPoint synchronization
- Compare, review, post-process, and archive images and clips
- Create, modify and share high-quality reports
- Interface with enterprise-wide systems, such as EMR and PACS for data

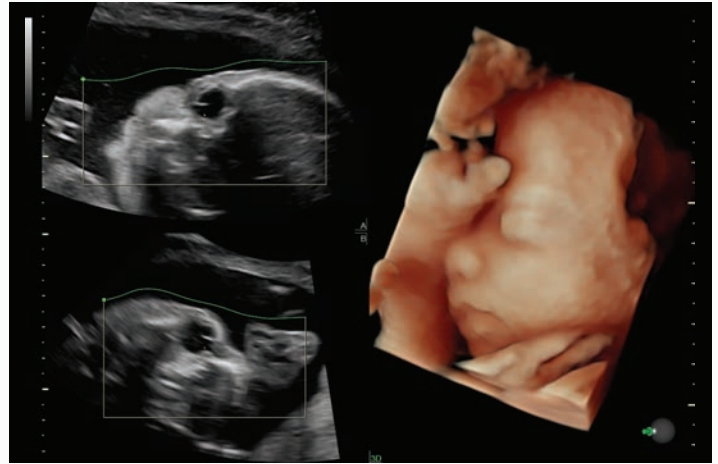


# TURN UP YOUR VOLUME

With sophisticated beam formation and advanced rendering technologies, the Voluson E6 system delivers 3D/4D images with exceptional ease and clarity to help enhance diagnostic confidence.



*HDlive* – Surface rendering of 26 week fetus



*HDlive* with *SonoRenderlive*

## ***HDlive***<sup>™</sup>

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.

## ***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.

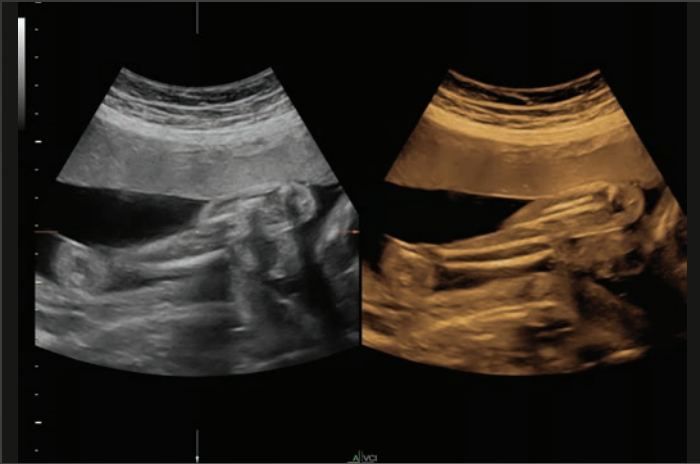
\* Compared to traditional rendering.

### Advanced Volume Contrast Imaging (VCI)

Adjusts slice thickness on 3D or 4D images to help enhance contrast resolution with use of render techniques such as bone and tissue renderings. Can be applied in the acquisition plane (VCI-A), static 3D volumes, or OmniView.

### OmniView

Obtain any plane from a 3D or 4D volume by simply drawing a line, curve, poly-line or trace through a structure. This valuable technology enables views of even irregularly shaped structures not attainable in 2D imaging.



Fetal tibia/fibula easily seen with VCI-A



23 week fetal spine rendered with OmniView



# GAIN EFFICIENCY WITH AUTOMATION

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

- **Scan Assistant** – Flexible, customizable exam protocol tool that helps increase exam consistency and productivity while documenting for quality assurance purposes. Helps guide you through an exam more efficiently aiding in annotation, measuring, and reporting, transferring data to an image management system or PACS based system on your order sequence and output requirements
- **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 1<sup>st</sup> 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
- **SonoVCAD™heart** (Sonography-based Volume Computer Aided Display heart) – By standardizing image orientation of the fetal heart, SonoVCAD<sup>heart</sup> helps provide recommended views from a single heart volume or STIC acquisition
- **SonoAVC™follicle** (Sonography-based Automated Volume Count) – Automatically calculates the number and volume of hypoechoic structures in a volume sweep
- **SonoAVC<sup>antral</sup>** – Automatically counts the number of antral follicles in the ovary and helps categorize into user defined size groups



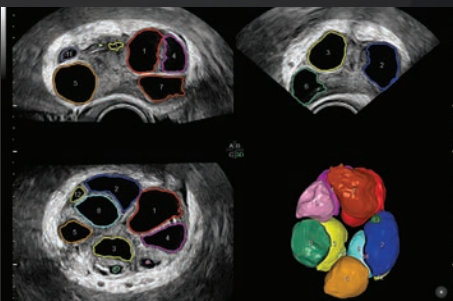
Scan Assistant touch panel



SonoBiometry: Semi-automated femur length measurement



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



SonoAVC<sup>follicle</sup>

# A PROBE FOR THE OCCASION

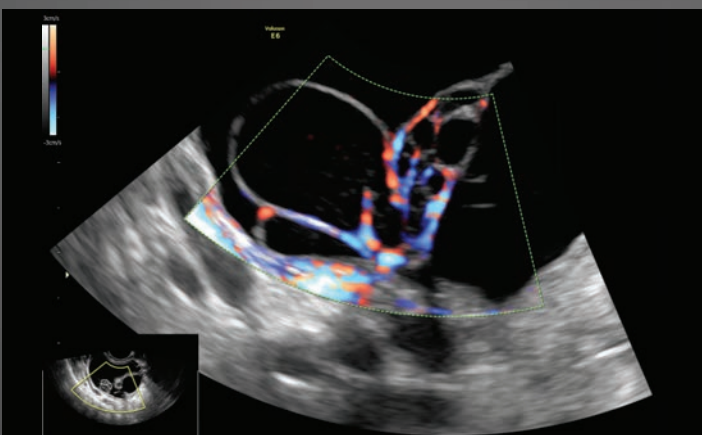
The Voluson E6 supports a wide range of 2D and 3D probes to help meet your unique and varied clinical needs. When combined with the advanced Radiance System Architecture of the Voluson Expert Series probes produce excellent images with ease.



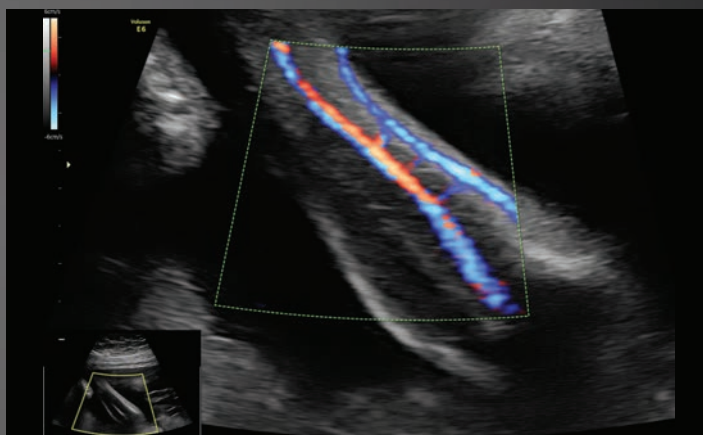
C4-8. Fetal heart



C1-5. Fetal abdomen



IC5-9. Vascularity within ovarian mass septations with HD-Flow™



9L. HD-Flow in fetal limb



RAB6. Fetal profile and nasal bone



RIC5-9. Coronal uterus with OmniView

## 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](http://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**

**[www.gehealthcare.com](http://www.gehealthcare.com).** Product may not be available in all countries and regions. Contact a GE Healthcare Representative for more information.

Data subject to change.

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