

# VOLUSON E8

ADVANCED FEATURES  
SIMPLIFIED WORKFLOW

As your patient volume increases and your clinical cases become more complex, you will require an ultrasound system that enables you to deliver truly exceptional care – confidently and efficiently – every time.

The Voluson™ E8 ultrasound system is designed to keep pace with busy practices – handling routine to complex women's health exams with ease and precision. The premium image quality of the Voluson E8 combined with access to advanced capabilities, delivers the level of performance required by you and your patients.

BT19





# ANSWERS YOU CAN SIMPLY SEE

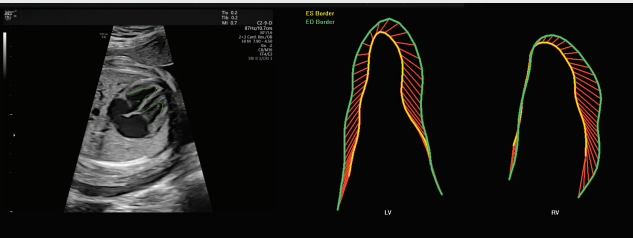
Leading-edge imaging for your challenging cases

The innovative design and powerful capabilities of the **Radiance System Architecture** take the work out of scanning and let you focus on the image detail for diagnostic assurance.

- Advanced beamformer design – enhancing contrast resolution
- High performance CPU – delivering faster processing speeds and frame rates
- Parallel processing – improving image quality and frame rates



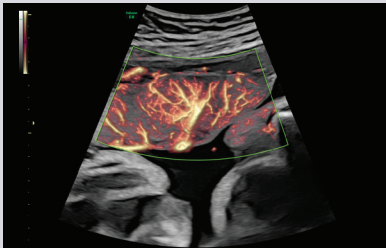
**fetalHQ** – Conduct an easy and comprehensive evaluation of the size, shape and contractility of the fetal heart from the 4-chamber view using measurements based on 2D imaging and speckle tracking. **fetalHQ** contains an in-depth report page including Z-scores and percentiles for each of the cardiac measurements



Achieve exceptional tissue and detail resolution with **XDclear™ probe technology C2-9-D and new C1-6-D** – the combination of single crystal, acoustic amplification, and cool stack technology offering extraordinary 2D imaging even with difficult to scan patients



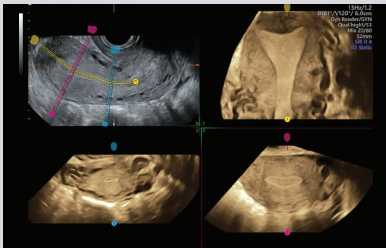
Achieve a new standard of color Doppler with **Radiantflow™** – Delivering easy, fast visualization of blood flow



Expand the range of visible blood flow to include low velocities with **SlowflowHD** to visualize blood perfusion in very small vessels



Easily obtain volume images with unprecedented depth and clarity using the **HDlive™** technology suite – an essential problem solving tool

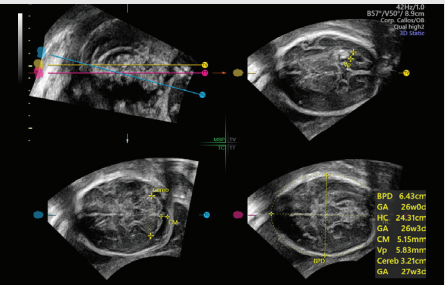


**Advanced VCI** – Adjusts slice thickness to help enhance contrast resolution. Can be applied in the acquisition plane (VCIA), static 3D volumes, or OmniView. Obtain any plane from a 3D or 4D volume by simply drawing a line, curve, poly-line or trace through a structure with OmniView

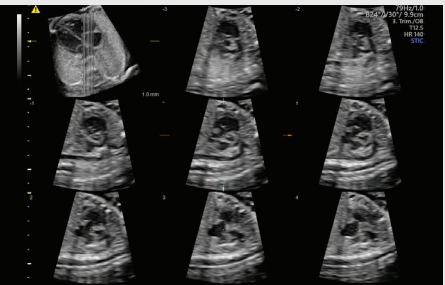
# ENHANCED EFFICIENCY. CONNECTED CARE.

Intelligent tools that eliminate barriers and enhance your care

Decrease complexity and increase exam consistency with Voluson's **Sono-automation** technologies



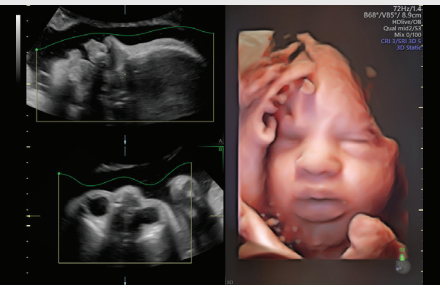
**SonoCNS** – A new intelligent tool to help properly align and display recommended views plus measurements of the fetal brain using GE deep learning technology



**SonoVCADheart** – Assess essential views of the fetal heart from a single STIC volume with minimal keystrokes or volume manipulation



**SonoNT™/SonoIT** – (Sonography-based Nuchal/Intracranial Translucency) – Semi-automatic, standardized measurements of nuchal and intracranial translucency



Facilitate 3D and 4D rendering by using **SonoRenderlive** – automated placement of the render line for optimal surface rendering even during fetal movement

Balance schedules while increasing patient satisfaction with **Scan Assistant**. This flexible, customizable exam protocol tool helps increase exam consistency and productivity while documenting for quality assurance purposes

Ovarian cancer risk estimate based on **IOTA (International Ovarian Tumor Analysis)** Simple Rules IOTA LR2, and newly added IOTA ADNEX



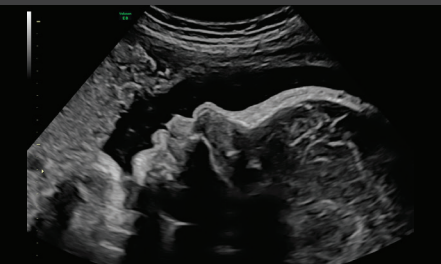
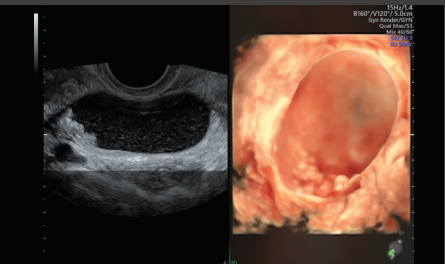
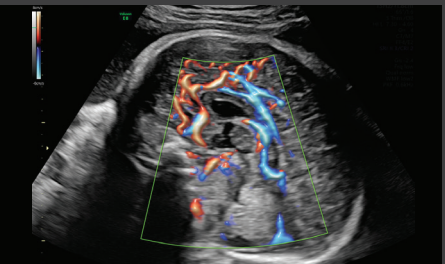
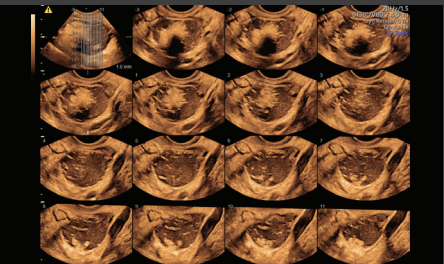
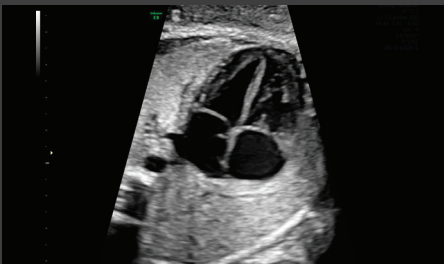
From the ultrasound design to the secure sharing and user management functions, protect sensitive data with Voluson's advanced user management and security features including **USB defense, Windows® 10, Whitelisting** and **HD encryption**

Connect with colleagues/patients and store encrypted images with the help of **ViewPoint™** and **Tricefy™ inside**



Evaluate risk and assign classification of the endometrial lining based on **IETA (International Endometrial Tumor Analysis)** and **IDEA (International Deep Endometriosis Analysis)**

Explore **3D Printing** for rapid clinical prototyping, research, and parent bonding





## LIKE FAMILY – WE'RE HERE FOR YOU

*Exclusive offerings to enhance your expertise.*

Join **VolusonClub** – the only ultrasound community dedicated to the education and collaboration of women's health providers – Benefits include: Product educational videos, product tips and tricks, white papers, Voluson educational courses and much more

**>26K**  
members



Count on responsive service and support from dedicated staff and programs that truly meet your training, equipment maintenance, transducer protection, and flexible financing

## Imagination at work

© 2018 General Electric Company – All rights reserved.

GE Healthcare reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation. Contact your GE Healthcare representative for the most current information. GE, the GE Monogram, Voluson, SonoNT, Radiant<sup>flow</sup> HD<sup>live</sup>, XDclear and ViewPoint are trademarks of General Electric Company. Tricefy™ trademarks are registered trademarks of Trice Imaging, Inc. Windows is a registered trademark of Microsoft Corporation. GE Healthcare, a division of General Electric Company. GE Medical Systems, Inc., doing business as GE Healthcare.

August 2018  
JB59717XXh