

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. Powered by the Radiance System Architecture, 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.

BT21

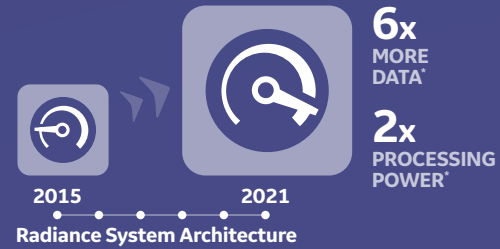


ANSWERS YOU CAN SIMPLY SEE

Leading-edge imaging for your challenging cases

The innovative design and powerful capabilities of the **Radiance System Architecture** simplifies scanning and lets you focus on the image detail for diagnostic assurance.

Newly fortified hardware and software amplifies the performance delivering enhanced contrast resolution, faster processing speeds and frame rates to get the most out of your images efficiently.



Voluson's **fetalHQ** is an innovative, easy-to-use tool developed to assess size, shape and contractility of the fetal heart. The new tool Auto-flip – simplifies workflow to automatically orient the fetal heart for a consistent display. The newly developed Quiver functionality – improves visualization of endocardial borders for easier identification. New integrated TAPSE/MAPSE and other published measurement data for expanded reporting and diagnostic support



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



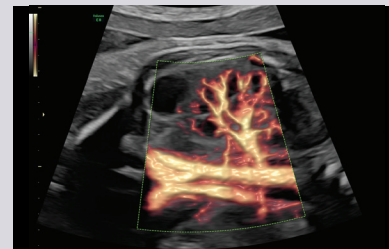
The small footprint **L8-18i probe**, improves Shared Service capabilities with excellent resolution in near field imaging for MSK, small parts and neonatal exams



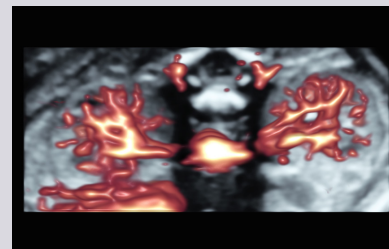
*Versus RSA in Voluson Expert Series BT15



Achieve a new standard of color Doppler – **Radiantflow** delivers easy, fast visualization of blood flow using the amplitude of the Color Doppler signal to enhance the robustness and create a 3D-like appearance



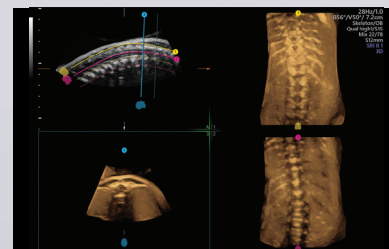
Expand the range of visible blood flow to include low velocities with **SlowflowHD** to visualize blood perfusion



Observe low velocity vessels in 3D images with **Slowflow3D** – extending color capabilities for first trimester, placenta, kidney and gynecology for enhanced diagnostics



Easily obtain volume images with unprecedented depth and clarity using the **HDlive™** technology suite – An essential problem solving tool for a deeper understanding of relational anatomy and developing structures

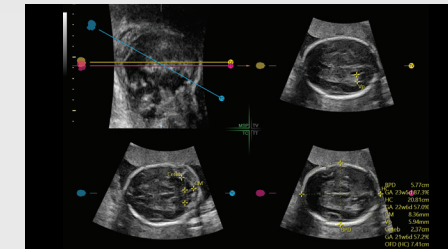


Advanced VCI with OmniView – Streamline your volume imaging by obtaining any plane from a 3D or 4D volume by simply drawing a line, curve, poly-line or trace. Further enhance image with adjustable slice thickness for improved contrast resolution

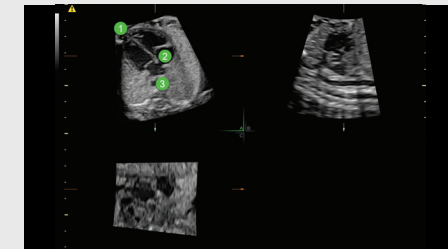
ENHANCED EFFICIENCY. CONNECTED CARE.

Intelligent tools that eliminate barriers and enhance your care

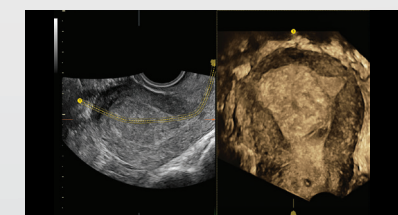
Decrease complexity and increase exam consistency with Voluson's **Sono-automation** technologies



SonoCNS – An Edison application using deep learning technology to help properly align and display recommended views plus measurements of the fetal brain. Now 29% faster than previous version**



SonoVCAD™heart (Sonography-based Volume Computer Aided Display heart) – Enhanced volume automation to help standardize orientation of the fetal heart. With 3 easy clicks, automatically obtain the recommended views of the fetal heart from a single STIC volume



Taking the effort out of 3D with **Uterine Trace** – In 3 simple steps, obtain the coronal plane of the uterus. Links directly to Uterine Classification pictograms for easy documentation of uterine shape



SonoNT™/SonoIT – (Sonography-based Nuchal/Intracranial Translucencies) – 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 IOTA ADNEX



Maximize comfort and workflow with a modern ergonomic design – Experience **xTouch** – Intuitive volume navigation for 3D manipulations including X/Y/Z rotations, zoom, MagiCut, HDlive light source, OmniView, and more

Evaluate risk and assign classification of the endometrial lining based on **IETA (International Endometrial Tumor Analysis)** and **IDEA (International Deep Endometriosis Analysis)** – IDEA assessment tool helps step through protocol for comprehensive evaluation



BT21 updated with the latest **Windows® 10** software, HD Encryption and whitelisting for enhanced security. USB port deactivation

ViewPoint™ 6 is a dedicated ultrasound reporting and image management solution with enhanced features to help improve workflow

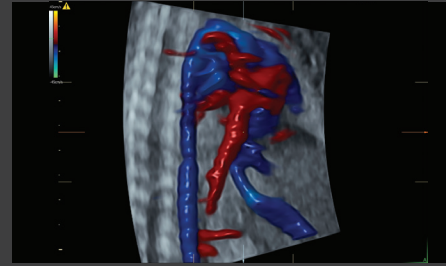
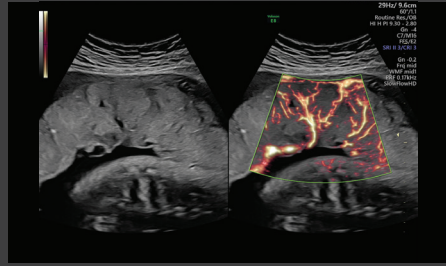
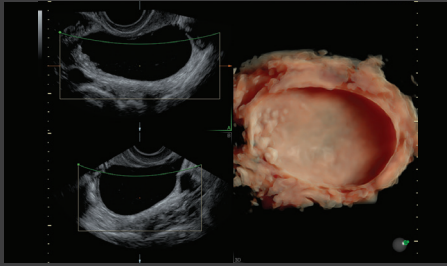
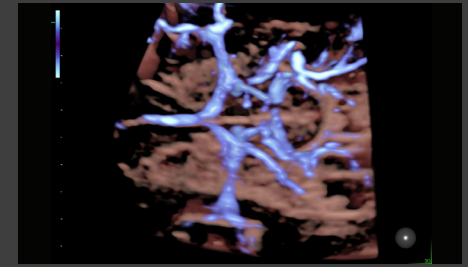
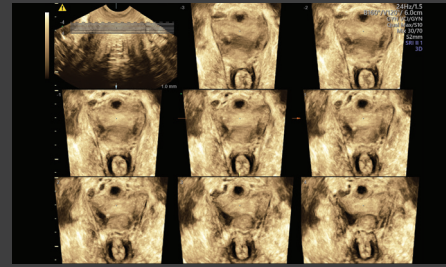
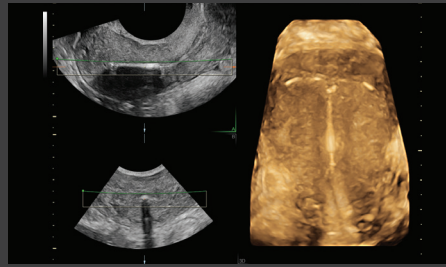
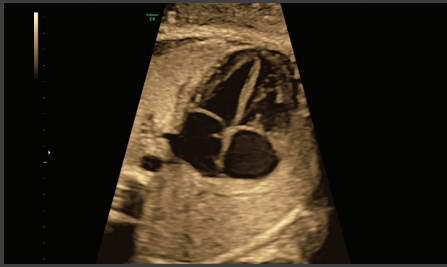
Tricefy™ inside – Unique cloud based solution to share, collaborate and archive ultrasound images and reports securely with colleagues and patients directly from your Voluson



Explore **3D Printing** for rapid clinical prototyping, research, and parent bonding. Export files directly from the Voluson ultrasound system to instantly 3D print projected and full mesh data sets. Downloading directly helps save time and reduces complexity versus using external post processing software



**Compared to BT19 version



LIKE FAMILY – WE'RE HERE FOR YOU

Exclusive offerings to enhance your expertise

>32K
members

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



A well maintained Voluson system improves your efficiency and helps you to deliver the best patient care. That's why we designed Voluson Ultrasound Systems with InSite™ connectivity, enabling OnWatch proactive diagnostics and remote software updates so you can receive OS patches and Security updates. Combined with flexible service and financing programs, GE can partner with you to monitor and maintain your systems to ensure quality and compliance

Voluson Ultrasound Cleaning and Disinfection –

For more detailed information visit VolusonClub, www.gehealthcare.com/ultrasound or scan the QR code



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September 2020
JB83610XXp