VOLUSON E10

THE EXCELLENCE YOU DEMAND
THE STANDARDS YOU SET

Your women's health practice is where complex cases are the rule, not the exception. Where patients demand your expertise, and trust you for answers. With the Voluson™ E10 you can deliver truly exceptional care – confidently and efficiently – every time – keeping you at the forefront of women's health care. Powered by the Radiance System Architecture, the Voluson E10 encompasses the fastest, most advanced imaging capabilities combined with efficiency and security features to help you to provide confident patient answers, faster.

BT20

gehealthcare.com

LEADING THE WAY – SETTING THE STANDARDS

Unrivaled imaging for your most complex cases

Display extraordinary image detail and gain workflow through Voluson's **Radiance System Architecture**. Updated with the latest hardware/software, its sophisticated beamformation generates spectacular 2D and 3D/4D images with increased penetration and clarity, while transferring 6x more data* for higher resolution and extremely fast frame rates. Doubling the processing power* drives advanced applications and efficiency.

Achieve brilliant resolution and volume rates up to 29 times higher than those with mechanical probe technology with a curved matrix electronic 4D probe. The **eM6c**, delivers ultra-fast volume rates, flexible imaging formats, and excellent resolution in routine exams to complex fetal echocardiography

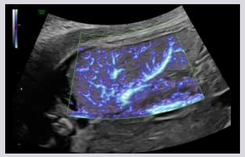
***fetal*HQ** – Conduct an easy and comprehensive evaluation of the size, shape and contractility of the fetal heart from the 4-chamber view using measurements based on 2D imaging and speckle tracking. *fetal*HQ contains an in-depth report page including Z-scores and percentiles for each of the cardiac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

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

Providing you the ability to confidently explore fetal images in the earliest stages – The **high resolution 4D transducer (RIC 6-12-D)** helps you detect the finest details in the first trimester

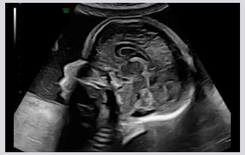
*Versus RSA in Voluson Expert Series BT15

Achieve a new standard of color Doppler – **Radiant*flow*™** 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

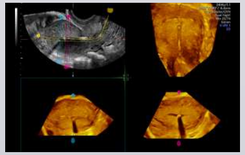


Expand the range of visible blood flow to include low velocities with **Slow*flow*HD** to visualize blood perfusion

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



Elevate tissue differentiation, border definition and fine resolution with **HDRes**, delivering exceptional 2D imaging performance

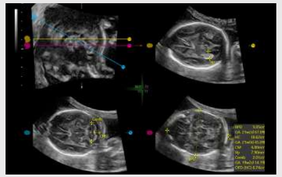


Advanced VCI with OmniView – Streamline your volume imaging by obtaining any plane from a 3D or 4D volume by simply drawing a line, curve, poly-line or trace. Further enhance image with adjustable slice thickness for improved contrast resolution

THE TRUST PATIENTS NEED. THE FOCUS YOU DESERVE.

Tools that empower your very best care

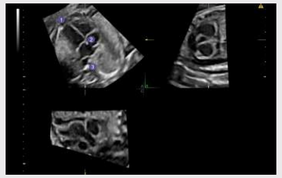
Decrease complexity and increase exam consistency with Voluson's **Sono-automation** technologies

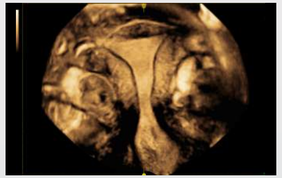


SonoCNS – An Edison application using deep learning technology to help properly align and display recommended views and measurements of the fetal brain. Now 29% faster than previous version**

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

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

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

Maximize comfort and workflow with a modern ergonomic design – experience **xTouch** – intuitive volume navigation for 3D manipulations including X/Y/Z rotations, zoom, MagiCut, HD*live* light sources, OmniView and more

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

IOTA GROUP APPROVED

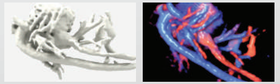
Evaluate risk and assign classification of the endometrial lining based on **IETA (International Endometrial Tumor Analysis)** and **IDEA (International Deep Endometriosis Analysis)** – New IDEA assessment tool helps step through protocol for comprehensive evaluation

Designed for maximum security protection, Voluson **SonoDefense** is multiple layers of security to protect your systems from attack. Consisting of six layers, each layer enhances the overall security of your system and patient data with features like **USB defense**, **Windows® 10 hardening**, **Whitelisting** and **HD encryption**

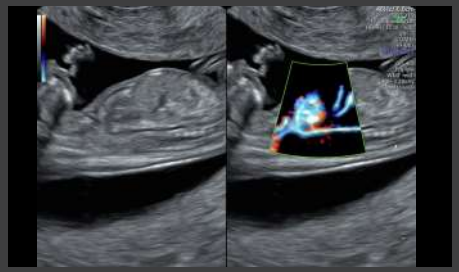
ViewPoint™ 6 is a dedicated ultrasound reporting and image management solution with enhanced features to help improve workflow

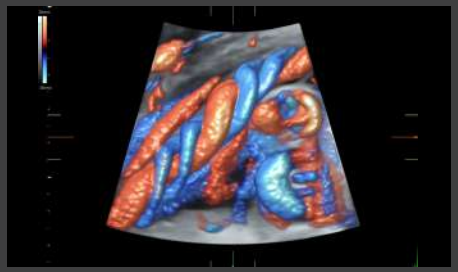
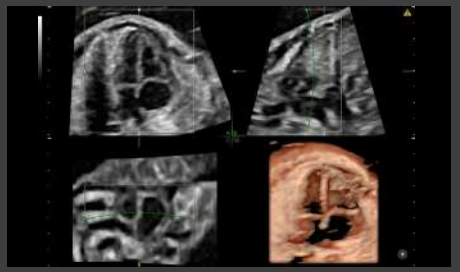
Tricefy™ inside – unique cloud based solution to share, collaborate and archive ultrasound images and reports securely with colleagues and patients directly from your Voluson

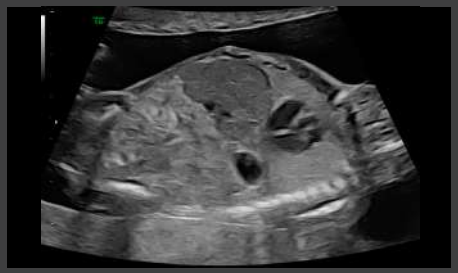
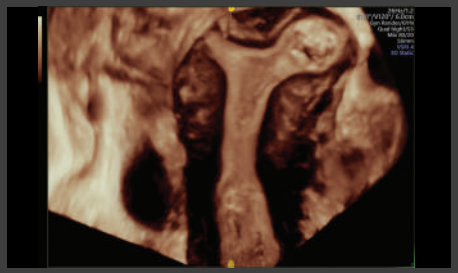
Explore **3D Printing** for rapid clinical prototyping, research, and parent bonding. Export files directly from the Voluson ultrasound system to instantly 3D print projected and full mesh data sets. Downloading directly helps save time and reduces complexity versus using external post processing software



**Compared to BT19 version



LIKE FAMILY – WE'RE HERE FOR YOU

Exclusive offerings to enhance your expertise.

>29K 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 allows you to deliver the best care to your patients. That's why we designed Voluson E10 with digital support features to provide you with peace of mind now...and in the future. Combined with flexible service and financing programs, GE can partner with you to monitor and maintain your systems, ensure quality and compliance, and train and inspire your staff

Imagination at work

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