

GE Healthcare

# Voluson P8



Extraordinary vision



imagination at work

healthymagination

# Easy to learn and use



+ **Wireless connectivity** helps enable efficient transmission of reports and images

+ **Sleek, lightweight console** with a small physical footprint to help optimize use of small spaces

+ **15-inch, flat-screen LCD monitor** moves independently of the console

+ **Simplified keyboard** enables exams to be completed with few keystrokes and rotates to adjust to the user

+ **Transducer holder** protects probes while positioning them for user convenience

+ **Integrated peripherals** including an optional DVR module, help expand functionality

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**Keyboard is designed for ease of use and to limit reaching, which may reduce user fatigue.**

- **Trackball** is surrounded by curved set keys that help users easily navigate through exams and make selections.
- **Print/Save keys** are grouped together to help improve workflow.
- **Annotation, Measure and 3D/4D keys** are conveniently located above the track ball to help increase efficiency.



# Welcome to the family

GE Healthcare Women's Health ultrasound has developed a strong reputation for high performance – from exceptional image quality, practical volumetric tools, and reliability, to the ease of use and streamlined ergonomics that help drive efficient workflow. Now those established benefits have been combined into the new Voluson\* P8 – a cost effective way to acquire a Voluson and bring the benefits of high performance ultrasound to your patients.

An excellent introduction to the Voluson family, a Voluson P8 system delivers hard-working capabilities that fit your practice, your patient base, and your budget. Affordable software upgrade pathways are available to grow with your needs when you are ready.

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## Streamlined imaging, simple workflow

Hard working ultrasound capabilities like extraordinary 2D imaging and color and pulsed wave Doppler are just a keystroke away with a Voluson P8 system. Volume imaging is an excellent choice for those looking to take their practice to the next level. Voluson workflow advancements help enable busy practices to provide excellent patient care helping to reduce the time needed to conduct, analyze, and report on exams.

- **Intuitive, easy to use keyboard** – Helps achieve uninterrupted scanning
- **Auto Optimization for 2D and Doppler** – Helps enhance contrast resolution and spectral Doppler at the touch of a button
- **Auto focus for 2D** – Provides automated positioning of the focal zone and allows the user to concentrate on scanning
- **Wide sector for endocavitary probes** – Enables more anatomical information to be displayed in a single image versus the standard field of view
- **Raw data** – Saves the images in their uncompressed and original quality, allowing for a virtual rescan of the patient post-exam to help increase productivity and reduce patient call backs for a re-scan
- **SonoRender Start** – Provides one-touch optimization to help enhance volume rendering
- **Reporting and archiving tools** – Enables easy creation of a structured report from a selection of customizable measurements, including 1st trimester, 2nd/3rd trimester, and gynecology exams. You can also export a report, including charts in PDF format quickly and easily.



# Clear 2D images help create stunning 3D/4D

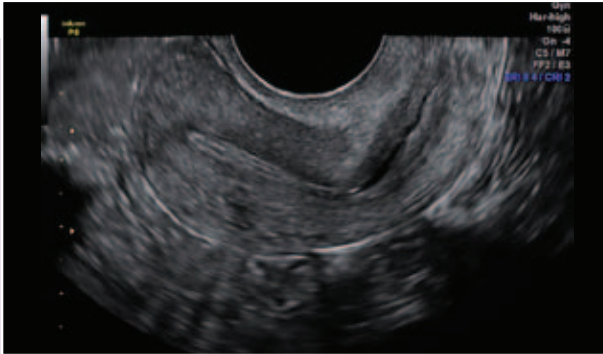
## Innovative GE tools include:

**SRI (Speckle Reduction Imaging)** – Helps improve visualization and contrast resolution by reducing intrinsic artifacts

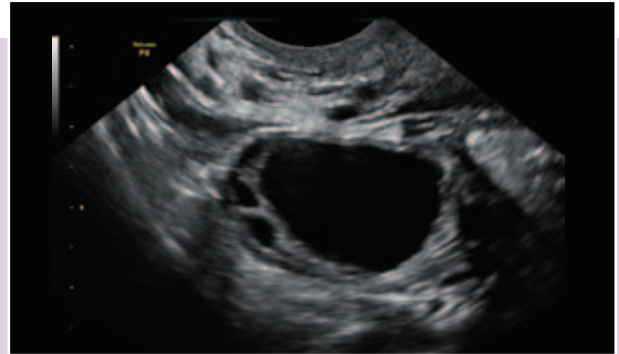
**CrossXBeam<sup>CR1\*</sup>** – Helps enhance tissue interfaces and border differentiation

**HD-Flow\*** – Bi-directional Power Doppler allows for a more sensitive vascular study than with standard color Doppler

### Gynecology



Uterus with wide sector



Ovarian cyst and adjacent follicles

### Obstetrics



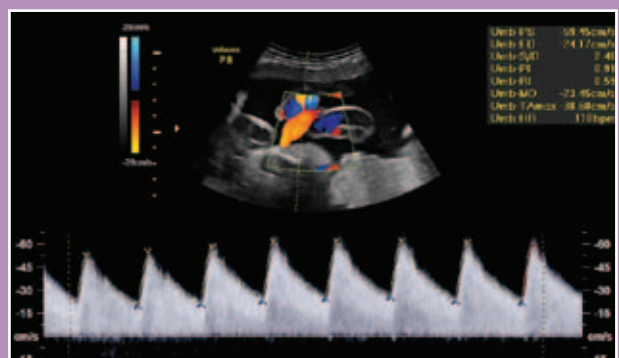
4 chamber fetal heart



Fetal diaphragm



Circle of Willis shown using HD-Flow

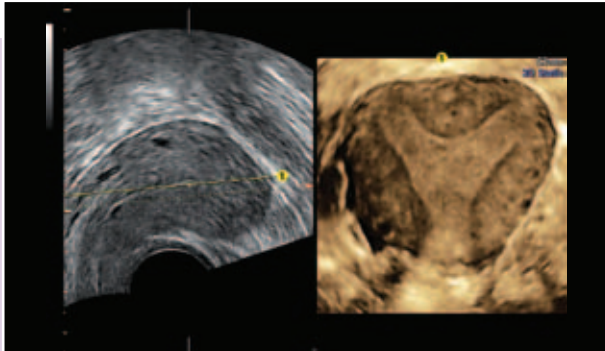


Color and spectral Doppler of umbilical cord with auto trace

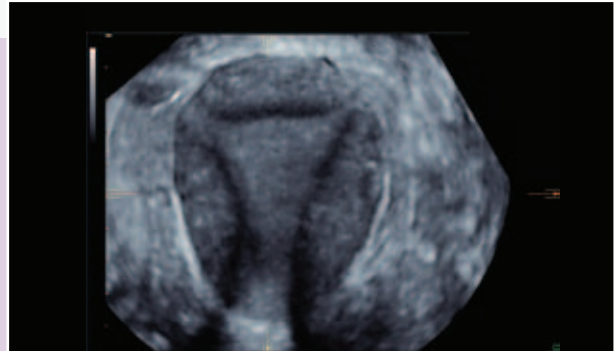
# studies.

**3D/4D Imaging** – Allows for analysis of volume data during the exam or off-line to help enhance clinical confidence. View and manipulate volumes in sectional planes, or in multiple render methods including transparency, surface, and skeletal rendering techniques.

**SingleView** - Helps achieve visualization of anatomy in a coronal or semi-coronal plane, and helps improve contrast resolution with selectable slice thickness.



Coronal view of arcuate shaped uterus with SingleView



Coronal plane from volume of normal uterus



Surface rendering of 1st trimester fetus



Surface rendering of early 2nd trimester fetus



Surface rendering of 3rd trimester fetus and umbilical cord



Multi-planar and rendering of fetal spine

## Image quality you can rely on

Voluson technology has established a high standard for 2D and 3D imaging – the Voluson P8 continues the tradition. You can count on exceptional images in applications, from routine OB evaluations and gynecological studies to fertility screening and embryo transfers. Advanced transducer technology helps bring your imaging to new heights and helps enhance diagnostic confidence.

# Join the VolusonClub

The VolusonClub is an online community of Voluson users that can help you experience the diagnostic power of your Voluson ultrasound.

Online materials can help you enhance your knowledge of system operation and teach you techniques to help improve your productivity. Club members also can interact with other Voluson users, receive communications and access a wide library of Voluson specific materials.

Joining is easy, visit [www.volusonclub.net](http://www.volusonclub.net).

## Our relationship promise to you:

You can count on responsive service and support from GE Healthcare. We are committed to providing you with technologies and programs that truly meet your needs for equipment maintenance and service, transducer protection and financing.

**Online remote support.** InSite\* Remote Diagnostics helps you maintain high uptime by seamlessly integrating your ultrasound system with the GE digital services network. When you report a problem, GE engineers begin evaluating your system online within minutes via a secure connection. Often they can identify and resolve technical issues remotely to help maximize equipment availability.

**Responsive on-site service.** GE Healthcare field engineers bring exceptional technical skills, advanced tools for performance optimization and personal dedication to supporting your equipment.

**Transducer protection.** Our cost-effective transducers programs offers peace of mind that your transducers are protected and can be exchanged in the event they are damaged.

**Financing options.** GE offers an array of financing options through GE Capital, Healthcare Financial Services (HFS). Whether you are looking to lease or own, HFS has a wide range of programs which can be tailored to fit your needs.

**Education and product training.** GE offers courses at either a GE education facility, or at an on-site location to suit your practice needs. Instruction includes in-depth technology review of image optimization, 3D and 4D techniques, as well as focused hands-on scanning under the supervision of product experts.



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