

Voluson E10

EXTRAORDINARY VISION





The Voluson™ difference is based on dedication to Women's Health – we are able to partner with our customers to understand the requirements for the changing medical environment. Dedication to Women's Health allows us to stay in touch with the latest trends in medical diagnosis and treatment and to develop solutions to help you with Imaging Performance and Efficiency.

The new Voluson E10 was designed with our customers in mind.

OUR LEGACY OF INNOVATION ENTERS A NEW ERA

To help meet your extraordinary clinical and workflow needs, the Voluson E10 introduces the innovative **Radiance System Architecture**. The Radiance System Architecture sets a new standard in imaging performance to give you*:

MORE CLARITY

4x Ultrasound Pathways for spectacular 2D and 3D/4D images with increased penetration.

MORE SPEED

10x the data transfer rate for higher resolution and very fast frame rates.

MORE FLEXIBILITY

4x the processing power for advanced applications and efficient workflow.

As a result, you can have extraordinary confidence in your ability to:

- Image a comprehensive range of complex women's health issues
- Assess fetal health from the early stages
- Increase workflow efficiency and productivity
- Deliver the high level of imaging excellence your practice demands

The Radiance System Architecture of the Voluson E10 provides the robust image quality you've come to expect from GE Healthcare. From superb 2D images to new 3D/4D imaging technologies, you can have confidence in the accuracy of the image detail.

* Compared to Voluson Expert Series BT13

YOUR VISION – NEW PERSPECTIVES

Our best just got better – more detail, more clarity in less time... powered by the Radiance System Architecture. With sophisticated beam formation, powerful processing and new rendering technologies, the Voluson E10 system offers you the best image quality you have ever seen from a Voluson*...in less time.



Electronic 4D offering ultra-fast volume rates and flexible imaging formats



HDLive Silhouette helps you with early health assessment

Electronic 4D

The Voluson E10 is designed to be the foundation for Voluson e4D technology – offering you the 4D imaging opportunities that you dreamed of having for OB/GYN exams and fetal echocardiography.

The Radiance System Architecture, together with the world's first commercially available curved electronic matrix 4D probe, eM6C, combines to deliver ultra-fast volume rates, flexible imaging formats and the excellent resolution you have come to expect from a Voluson.

HDlive

HDlive™ – an industry leading technology, has brought anatomical realism to the next level with the introduction of two new innovative technologies.

HDlive Silhouette – helps you make a confident volume assessment of 1st trimester anatomy.

HDlive Flow – presents vascular structures with greater anatomical realism*.

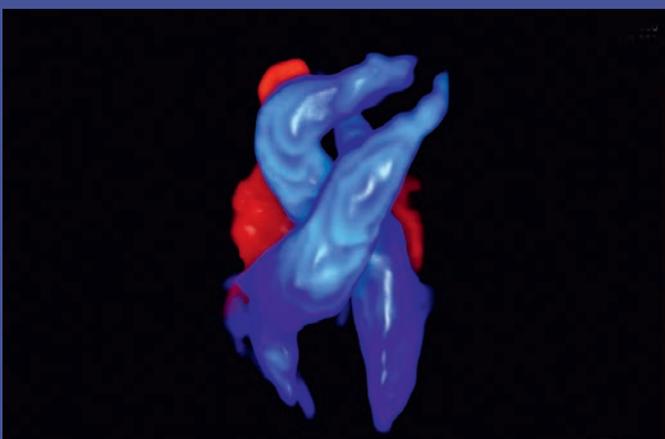
V-SRI

This enhancement helps provide a high level of speckle reduction utilizing volume/voxels versus traditional single slice imaging. It helps improve 3D/4D quality in multi-planar studies and also provides an enhanced smoothing effect on rendered images which helps improve diagnostic confidence.

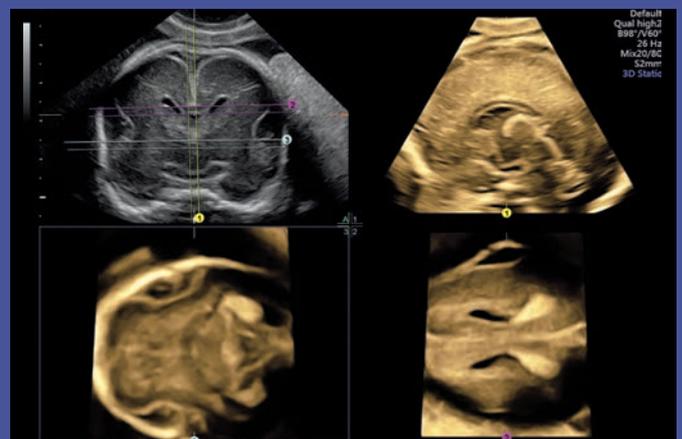
SonoRenderlive

Helps enhance efficiency in volume rendering with automated placement of the render line for optimal surface rendering. SonoRenderlive continuously updates render line placement with fetal movement during 4D examinations.

*Compared to conventional color Doppler or HD-Flow



HDlive Flow presents vascular structures with greater clarity



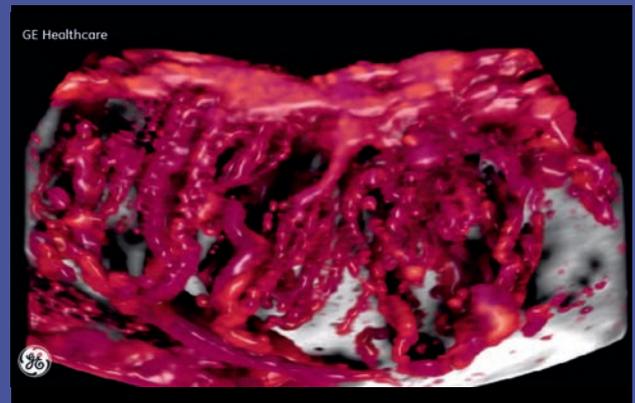
V-SRI provides enhanced contrast resolution effect helping improve visualization

With advanced applications and superb image quality, the Voluson E10 system supports a woman's health throughout her pregnancy. From 1st trimester studies to fetal cardiac assessments, the system gives you information that helps you detect and diagnose problems early so you can intervene sooner.

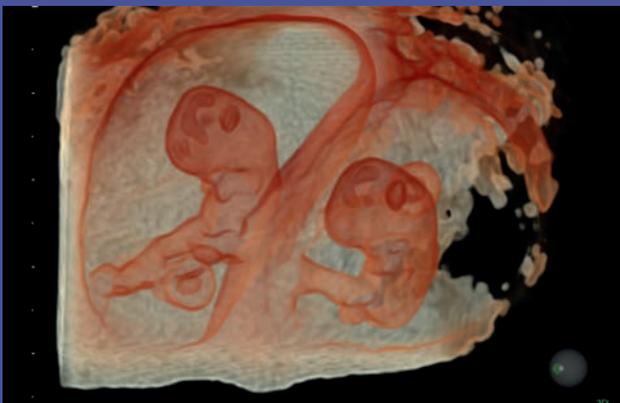
EARLY INFORMATION. EARLY INTERVENTION.



HDFlow with excellent spatial resolution and sensitivity



HDlive flow: placenta vasularization at 32 weeks



HDlive Silhouette twins localization



Aortic arch demonstrated with 2D imaging and HDFlow



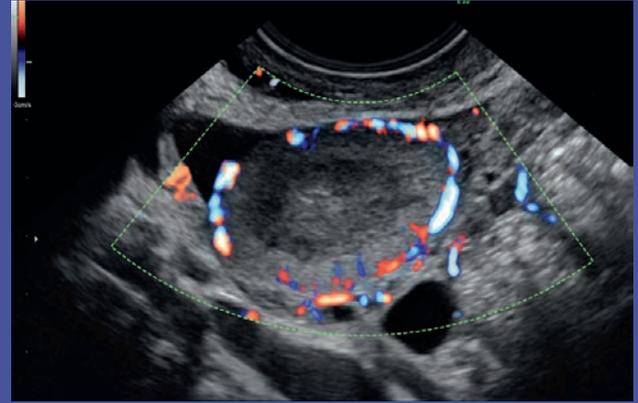
HDlive Flow - 13 week fetal circulatory system



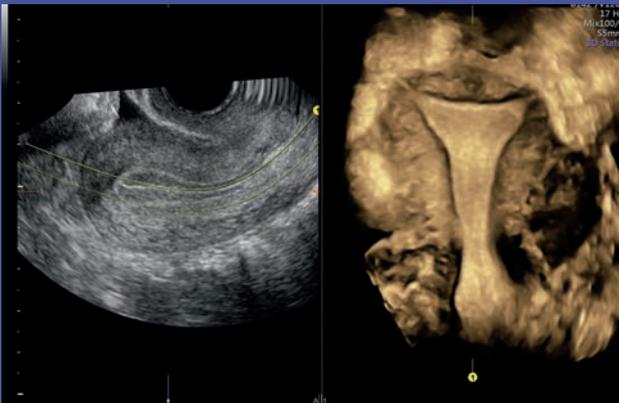
Excellent detail and contrast resolution in the fetal heart



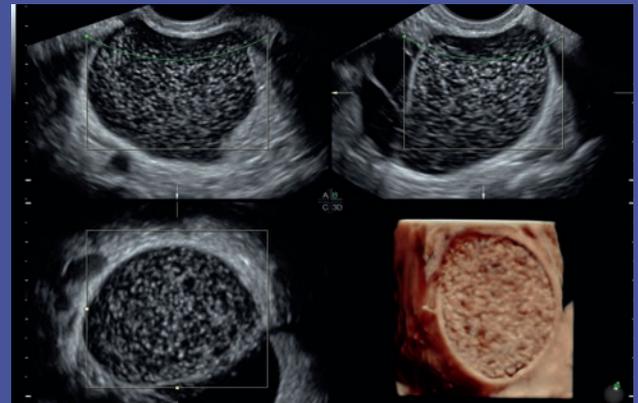
Uterus with excellent detail resolution



HDFlow – excellent color sensitivity



OmniView applied to the uterus



Sectional planes – ovarian mass



HDLive Silhouette showing septate uterus

DIAGNOSTIC FLEXIBILITY. INCREASED CONFIDENCE.

Voluson E10 imaging tools help you improve visualization and identification of pathology across the wide breadth of applications in gynecologic exams.

About GE Healthcare

GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world. GE (NYSE: GE) works on things that matter – great people and technologies taking on tough challenges. From medical imaging, software and IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients.

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GE imagination at work