

# ***Voluson 730 PRO***

*RealTime 4D Technology*



**GE Medical Systems**  
Ultrasound

[gemedical.com](http://gemedical.com)



# ***Voluson 730 PRO***

## ***RealTime 4D***

***The new standard in women's healthcare applications***



The Voluson 730 PRO from GE Medical Systems has expanded the clinical utility of RealTime 4D imaging technology in women's healthcare applications. RealTime 4D provides unsurpassed imaging technology by displaying 16 volume scans per second in three-dimensional planes.

The Voluson 730 PRO is built with an easy to use interface and exceptional 2D image quality, ideally suited for any clinical practice with a variety of patient workloads.

- 3D Multiplanar Display
- 3D Power Doppler
- Glass Body Rendering
- Automatic Optimization

# Next Generation of RealTime 4D Technology



**RealTime 4D**  
**up to 16 volumes per second**



RealTime 4D imaging is the continuous, three-dimensional scanning of an object with simultaneous visualization of the A, B and C planes. This revolutionary quad-beam technology, obtaining 3D images in RealTime up to 16 volumes per second, goes beyond the boundaries of traditional ultrasound and opens the 4th dimension of time to the medical world.

As a result of this exciting technology, physicians can now diagnose fetal malformations earlier and can work with families and surgeons to develop postnatal corrections.



**Faster volume acquisition creates  
more diagnostic information**

# Diagnostic Advantages



## 3D Surface Rendering

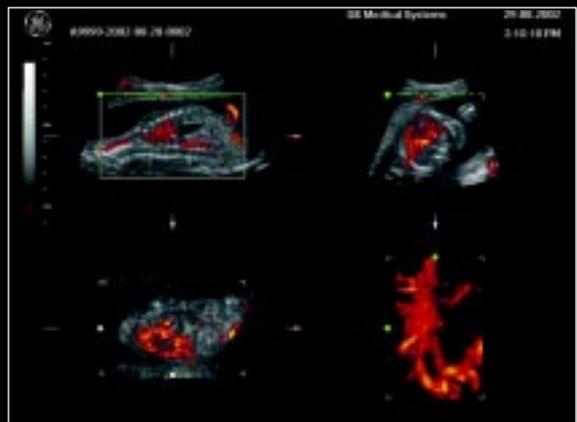


*Provides an overview of the region*

- Displays the entire surface of the analyzed organ or fetus
- Allows clinicians to view pathologies on an organ's surface

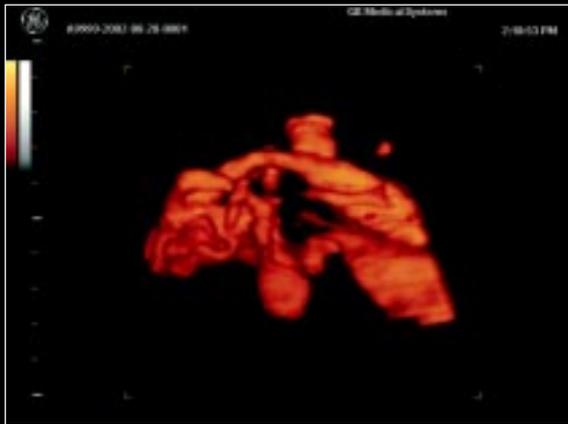


## 3D Multiplanar Display



*Visualization of horizontal plane. More information for the clinician.*

- New anatomical information in horizontal plane
- Three planes: transverse, longitudinal and horizontal

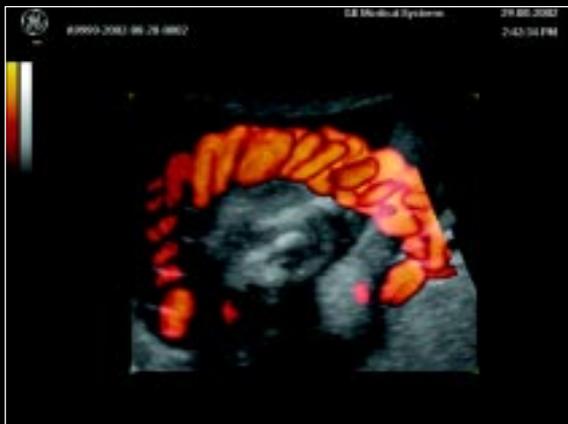


### **3D Power Doppler**



### **3D visualization of vascularity.**

- Lesions and vascular structures visualized
- 3D for new level of analysis



### **'Glass-body' Rendering**

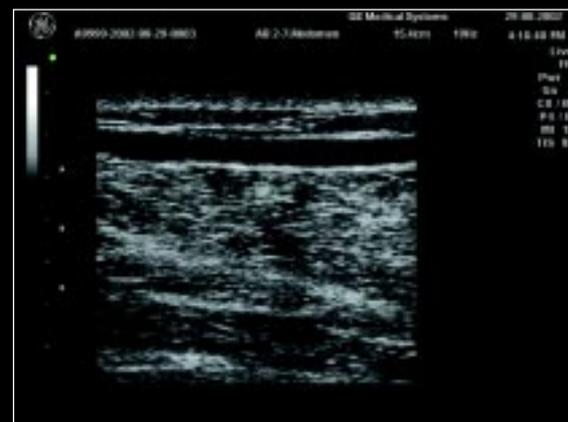


### **Visualize transparent tissue and color vessel information.**

- Useful for angio volumes, tumor blood supply and vessel distribution
- Aids in establishing anatomical frame of reference



### **Frequency and Focus Composite (FFC)**



### **Combination of frequency transmissions and focal ranges.**

- Significantly increases penetration while maintaining image resolution
- Useful for difficult-to-scan patients



## ***Breakthroughs backed by complete support.***

The new Voluson 730 PRO is another example of the constant stream of innovations from the scientists, engineers and sonographers at GE Medical System's Ultrasound business – breakthroughs that provide the superb image quality, clinical utility and department-wide productivity you are seeking.

***World-class support*** – And like all our imaging systems, Voluson 730 PRO is backed by world-class GE service, financing, applications training and continuing education. GE customers have long depended on our responsive on-site service support, as well as our pioneering InSite<sup>®</sup> remote diagnostics. You'll also have access to our exclusive iLinq<sup>™</sup> on-demand support that gives you immediate access to vital information directly from your scanner console.

***Unsurpassed quality*** – You also have the assurance of knowing that your GE equipment is the product of Six Sigma strategies, a philosophy of quality in the design and manufacture of our products to meet our customer's most exacting performance and reliability expectations.

***Investment security*** – GE Medical Systems is a world leader in diagnostic imaging products and support. For more than 100 years, healthcare providers worldwide have relied on GE for high-quality imaging technology, services and productivity solutions. No matter what challenges your healthcare enterprise faces, you can always count on GE to help you deliver studies of the highest quality.

***Ask your GE representative for all the latest details or visit our website today – [www.gemedical.com](http://www.gemedical.com)***



***GE Medical Systems***  
*We bring good things to life.*

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