

## Case Study



**Beryl Benacerraf, MD. Clinical Professor of Radiology, Harvard Medical School. Medical director & President, Diagnostic Ultrasound Associates.**

- President, Diagnostic Ultrasound Associates.
- President's Award - American Institute of Ultrasound in Medicine - 2003
- Editor in Chief - Journal of Ultrasound in Medicine
- AIUM 2000-2005; member of several editorial boards
- ISUOG 2001, Ian Donald Gold Medal for overall achievement in ultrasound
- Published more than >200 scientific papers.

Beryl Benacerraf, M.D., is firmly committed to expanding the use of ultrasound in OB/GYN practice. She recently converted to GE ultrasound technology, adding seven VOLUSON 730 Expert systems with RealTime 4D imaging.

Dr. Benacerraf is a world-renowned pioneer in OB/GYN ultrasound and was the first to publish methods of using ultrasound to assess the risk of fetal Down syndrome non-invasively. She is a leader in the clinical use of 4D Ultrasound and has given GE valuable feedback in developing and continuously improving the VOLUSON 730 Expert system.

In her practice, Real-Time 4D technology lets physicians or sonographers scan the appropriate anatomy and obtain up to 25 volumes per second. The system permits view of planes not available in 2D.

"The ability to easily visualize anatomy in 4D will play an increasingly important role in expanding the clinical utility of ultrasound," says Benacerraf. "I chose the VOLUSON 730 Expert because it has excellent volume scanning, and I want to be at the forefront of the new development. Volume scanning in real time delivers more information than we can get from traditional 2D scanners. I am very excited about the future of this technology."

Dr. Benacerraf and colleagues using the VOLUSON 730 Expert system also benefit from new clinical applications and migrated technology from the GE LOGIQ ultrasound platform. It delivers a wide array of image optimization, reporting and archiving capabilities with the accuracy of digital processing. It also helps clinicians overcome challenging diagnostic hurdles by allowing continuous scanning with simultaneous visualization in three planes.



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