

DC8 Expert • Premium Ultrasound System by mindray



The DC8 Expert is a new generation platform with extraordinary processing power. The system combines high speed imaging hardware, advanced frontend transmission and reception, powerful multi-beam parallel processing, and patented intelligent algorithms to elevate the DC8 Expert to exceptional diagnostic capabilities.

The platform incorporates new Single Crystal Transducer capability as well as the new 3T transducer technology to provide robust scanning transducers for exceptional penetration with significant noise reduction and a higher signal to noise ratio.

The convex 7-3 MHz transducer was designed to deliver high resolution OB imaging to the most demanding clinician.

The Convex 5-1 MHz single crystal transducer delivers exceptional resolution and penetration, especially for technically difficult patients.

The vaginal 11-3 MHz transducer provides exceptional endocavity imaging with a FOV of 193° max.

The DC8 Expert also incorporates excellent 3D/4D abdominal and vaginal transducers.

The system offers iBeam™ spatial compound imaging on all transducers, UWN+ contrast harmonic imaging, Echo Boost™ for image optimization, iClear™ speckle suppression and edge enhancement technology, iZoom™, iTouch single button image optimization, HR Flow for visualization of vessel profiles and complex flow patterns, Art Flow™ automatic recognition transient flow, iNeedle™ biopsy needle visualization software enhancement and much more.

The DC8 Expert incorporates an ergonomic design for easy use, an intuitive 10.5" touch screen, adjustable control panel and articulating display monitor to help the most demanding sonographer scan stress free.

The system has Raw Data Manipulation that is a versatile and powerful capability for optimizing and analyzing image data after freezing the image or stored images taken days or weeks ago. The user can manipulate gain, grey maps, iClear™ and other imaging parameters as well as perform measurements or annotate on saved image data.

DC8 Expert provides seamless connectivity, wired and wireless LAN and comes standard with DICOM Worklist, Store, Print and Structured Report.

Confidence

Comfort

Ease

High Resolution DC8 Expert OB/GYN Transducers



SC5-1E Single Crystal Transducer. Scanning frequencies are 5-1 Mhz with a bandwidth of 1-5.5 MHz. Designed for excellent resolution and exceptional penetration.



C7-3E OB/GYN Transducer. Scanning Frequencies are 7-3 Mhz with a bandwidth of 2.2-8.1 MHz. This transducer incorporates 256 elements and is used for high resolution OB/GYN imaging.



V11-3WE 193° max Vaginal Transducer. Scanning Frequencies are 11-3 MHz with a bandwidth of 2.6-12.8 MHz. Lightweight and very high resolution.



DE10-3E 3D/4D Vaginal Transducer. Scanning view of 170° max. Scanning Frequencies are 10-3 MHz with a bandwidth of 2.1-12.8 MHz. This transducer is the gold standard in 3D/4D vaginal sonography.



D6-2E 3D/4D Abdominal Transducer. Scanning Frequencies are 6-2 MHz with a bandwidth of 2.6-8.2 MHz. Max field of view is 90° RT and 70° sweep. This is the probe of choice for high end 3D/4D OB imaging.

Mindray DC8 Expert

For more information please call:

John Straub / Star Imaging

757-620-5746 • (Greater Tidewater Area)

OR

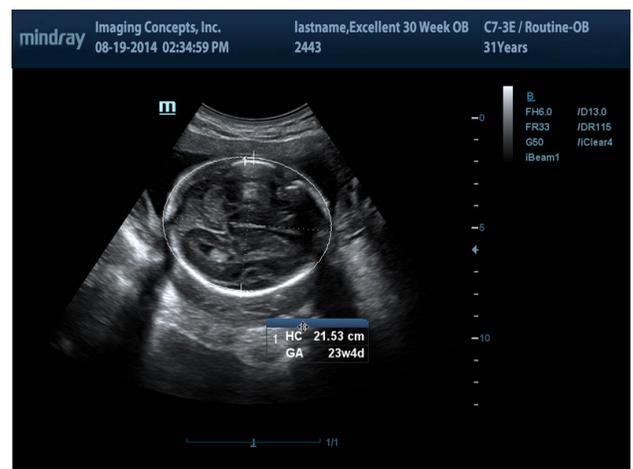
Bill Williams / Imaging Concepts, Inc.

(Richmond and points west, MD, NC)

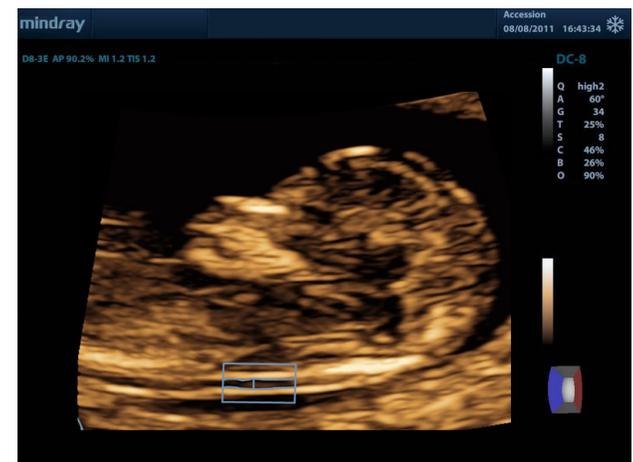
Clinical Images and System Features



High Resolution 3D/4D image using the DE10-3E Vaginal Transducer



HC done automatically by the DC8 Expert using the Smart OB feature



Automatic NT using the DC8 Expert Smart NT feature