

Comprehensive  
Imaging  
Solution for  
Ob/Gyn Care.



With premium imaging performance, high speed operation, clinical versatility and flexible design, the DC-7 is an ideal imaging tool for Ob/Gyn clinicians.

*A diagnostic ultrasound system designed to meet the challenges of obstetrical & gynecological care environments - from routine studies to the most difficult examinations, the DC-7 is true "excellence in ultrasound imaging." With premium platform technologies, this system delivers superior image quality for all patient types. Intuitive workflow, along with simple operational and ergonomic features, enables clinicians to achieve high patient throughput while maintaining superior user comfort.*



**DC7-ObGyn**  
by MINDRAY  
with iClear™ Technology

Obstetrics & Gynecology

Speed • Quality • Versatility • Flexibility

### Advanced Imaging Technologies

- Tissue Harmonic Imaging
- Trapezoid Imaging
- Tissue Doppler Imaging (optional)
- Free Xros M: anatomical M mode
- Frequency Compound Imaging
- iBeam™: Spatial Compound Imaging - reduces random noise and enhances border differentiation
- iClear™: Adaptive Speckle Suppression Imaging - speckle reduction technology improves contrast resolution without compromising spatial resolution
- Contrast imaging: enhances visualization of pathological structures
- iScape™ view: Panoramic Imaging - provides extended field of view with real-time alignment (optional)
- Power and Directional Color Doppler
- Smart 3D: Freehand 3D (optional)
- Easy ZOOM to visualize small anatomic structures

### Real-Time 4D Imaging

- Real-time 4D Imaging (optional)
- The 4CD4 volumetric transducer combines with Mindray's powerful 4D technology to provide superior imaging in 2D, 4D, PW and Color Doppler. Coupled with a compact lightweight design, tissue harmonic and multiple frequency imaging technologies, the 4CD4 is an ideal choice for a single abdominal transducer on a powerful 4D platform.

### Dedicated Obstetric Applications

- Multi specific exam modes, more than twenty probes available
- Obstetric & Gyn Presets
- Full range of standard and specialty transducers
- Needle Guides
- User defined obstetric formulas, measurements and custom reports

### Exceptional Productivity

- iTouch™: one key optimization for B, PW/CW imaging
- iStation™: on board image and data management and connectivity
- Fast System response: keeps you focused on imaging and patient care
- Four active probe ports: saves probe switch time between different exams
- DICOM 3.0 (Storage, Print, DIR, Worklist, SR, MPPS, HIS, RIS) (optional)
- User programmable presets for clinical specialties, patient types
- User programmable measurements, calculations, reports and operator preferences
- Image Archive on Hard Disk or Removable Media
- Efficient Output of Static Image and Dynamic Clips to External Devices: graph/text printers, video printer, VCR, DVD, USB memory

### System Design and Ergonomics

- High resolution LCD Display
- Omni-Directional, Articulated Arm
- Dim: 64 in (H) x 24 in (D) x 20 in (W)
- Wt: 287 lbs.

### Transducers

- Wideband - Multifrequency Imaging Transducers
- Disposable and reusable needle-guided brackets (optional)

#### ABDOMINAL TRANSUCERS

3C5A  
3-5MHz Convex

C5-2\*  
2-5MHz Convex

6C2  
2-6MHz Pediatric



#### INTRACAVIDARY TRANSUCERS

V10-4\*  
4-10MHz / 160°  
Straight Handle

V10-4B  
4-10MHz / 160°  
Curved Handle



#### VOLUME TRANSUCER

4CD4\*  
3D/4D Abdominal



\* Picture Shown

# Imaging Concepts

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