

# DC-6 Expert

Diagnostic Ultrasound System

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NEW



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## **DC-6 Expert** Diagnostic Ultrasound System

Today's diagnostic challenges ask for excellent balance between uncompromised diagnostic performance and good affordability. Mindray offers you the premium color Doppler DC-6 Expert which brings you unexpected productivity and accuracy based on its optimized image processing technologies and packages of clinical solutions. The DC-6 Expert enhances the interactive process connecting sonographers, patients, transducers and instrument. The more ergonomic design makes a further step to deliver much more efficiency and comfort.

### **Reliable Clinical Performance**

■ The DC-6 Expert offers excellent performance and versatility for a wide range of clinical applications, bringing you more confidence for any diagnosis than ever before.

### **Streamlined Intelligent Work Flow**

■ Dedicating to the development of intelligent ultrasound platform, DC-6 Expert provides you the most efficient and streamlined work flow.

### **Outstanding Ergonomic Design**

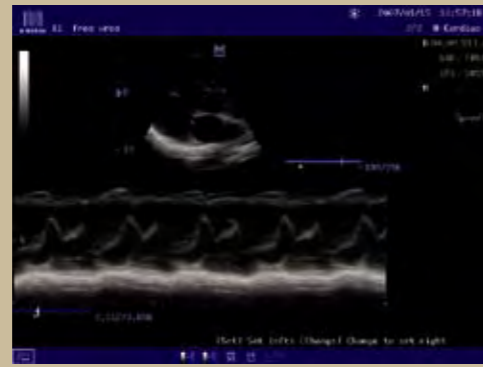
■ DC-6 Expert delivers optimal ergonomic design for ultrasound solutions. From intelligent image processing to the omnidirection TFT monitor, DC-6 Expert is designed to provide as much comfort as you can imagine during scanning.

**The performance you can rely on from Mindray -a premium, professional, efficient, ergonomic ultrasound system.**





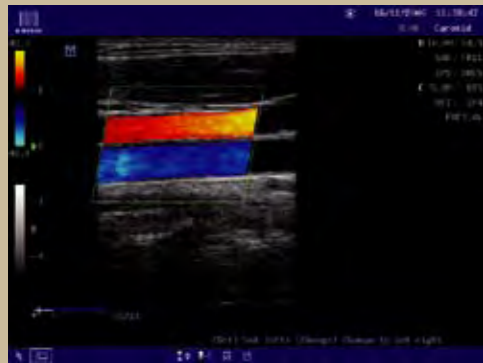
Hepatic Artery



Mitral Valve



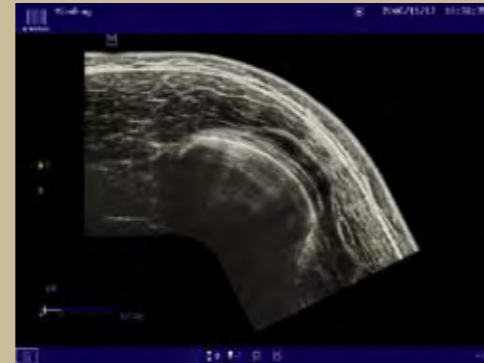
Fetal AO



Carotid



Fetal Face



Thigh

■ **ABD**

Outstanding color sensitivity with high quality 2D image assures diagnostic confidence and reliability

■ **Cardiac**

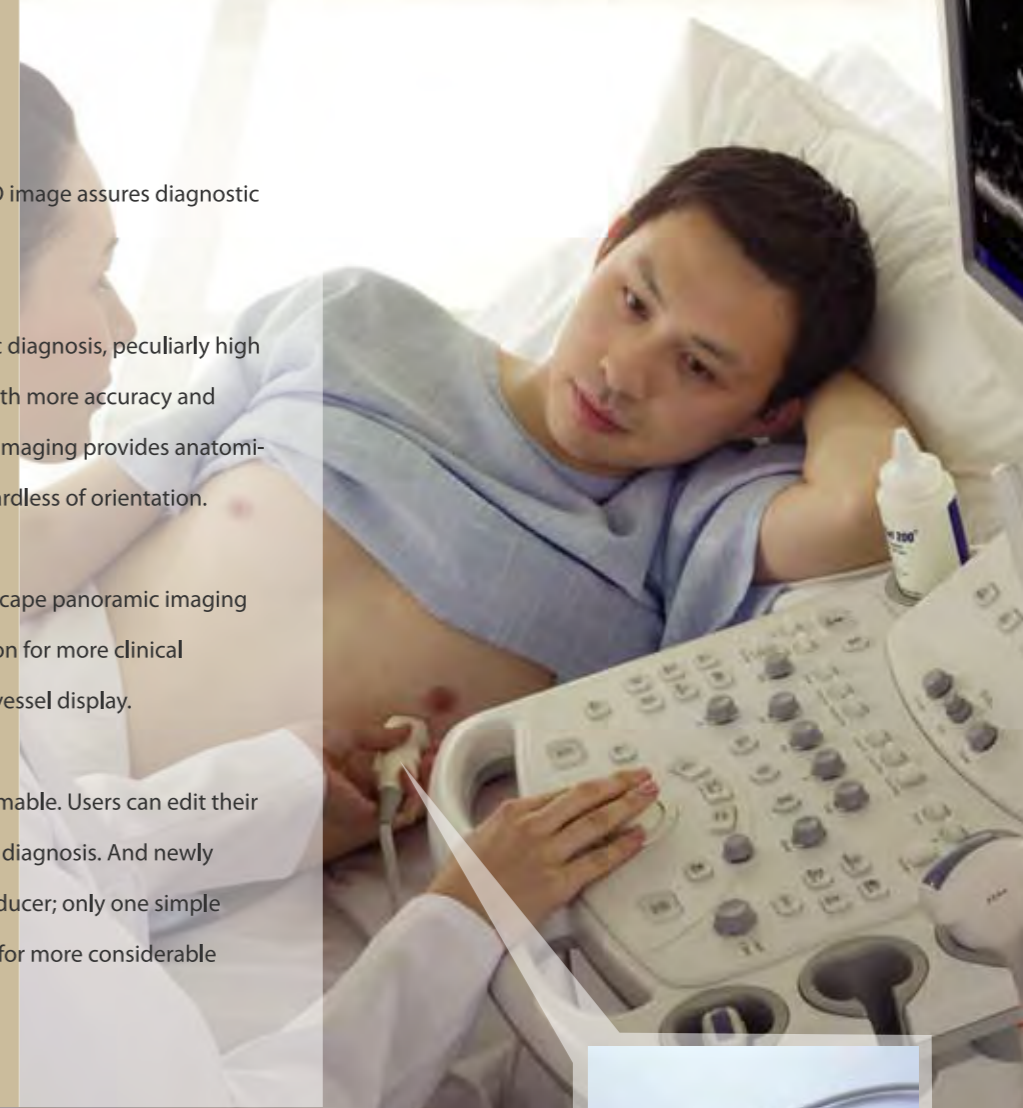
Expand professional application in hemodynamic diagnosis, peculiarly high velocity detection in congenital heart diseases with more accuracy and reliability. The innovated Xros anatomic M mode imaging provides anatomically precise observation and measurements regardless of orientation.

■ **Vascular/SML**

In order to break the limitation of image width, iScape panoramic imaging and trapezoid imaging provide wider field of vision for more clinical information, such as the whole thyroid or a long vessel display.

■ **GYN/ OB**

Measurement and calculation items are programmable. Users can edit their own favorite clinical reports according to specific diagnosis. And newly developed Smart3D is compatible with any transducer; only one simple scanning can rebuild you a full dimension image for more considerable diagnosis.



2P2 Phased Array Transducer

## The professional clinical application you need for confident diagnosis

DC-6 Expert guarantees excellent performance through robust ultrasound imaging capabilities. The system benefits from Mindray's self-owned technologies which expand it to much more full-featured applications with surprisingly powerful and easy-to-use functions. DC-6 Expert is created for professional diagnosis in an extraordinary convenient way.



### Transducers

The abundant choices of transducers are designed not only for outstanding imaging quality, but also for users' greatest working comfort. THI (Tissue Harmonic imaging) is also equipped for greatly enhanced tissue displaying resolution and contrast, leading to more consistent image quality.

## The intelligent work flow offers efficiency and satisfaction in work

DC-6 Expert is designed to offer more ergonomic benefits. With a user-friendly interface, DC-6 Expert integrates many image optimization solutions, simplifying exam procedure, reducing repetitive adjustment for greatly increased efficiency and diagnostic confidence.



### Quick image adjustment

- Click the imaging parameters directly on the active screen; IP combining eight groups of user-defined parameters for only one button image optimization; iTouch simplifying the exam procedure and reducing repetitive adjustment

### Image storage

- 2D/CW/PW images can be stored in AVI/DICOM/CIN format on hard disk, USB memory and CD; iStation creates an intelligent patient information management platform for easy archive operation

### Complete net work solution

- Full DICOM connectivity allows communication with PACS and other image management systems, giving you additional capability for image archiving and management.

### Operation Navigation

- Guide for an effort-saving and reasonable exam

### After-scanning Analysis System

- To make our workflow more efficient, we have after-scanning analysis system, supporting offline measurement and post process in 2D/M/PW, cine saving, editable cine saving and multi-image review.

### User-programmable calculation & measurement function

- Users can set up calculation and measurement formula according to their specific clinical needs and define new studies for special exams. The whole diagnosis process can be carried out in terms of users' own habits.

### Regional Acoustic Zoom (RAZ)

- Real magnification of the details; higher resolution and frame rate on the region of your interests; more confidence on your inspection and diagnosis.

## The optimal ergonomic ultrasound solutions take away all your pressure and suffer from daily scanning

DC-6 Expert is designed with plenty of ergonomic innovations. With an omnidirectional arm suitable for any viewing position, the high resolution and wide angle TFT monitor equipped on medical imaging systems can produce greatest scanning comfort. Its flat monitor can be folded during transport for clear visibility and safety. The operator-friendly console offers multi-language interface, super convenient image thumbnail and information management platform, while at the same time this system is environmental friendly and energy saving, greatly prolonging its duration.