

**mindray**

**DC-80A**

Diagnostic Ultrasound System

**Insight, Intelligence, and more**

**X-Insight**



[www.mindray.com](http://www.mindray.com)

P/N:ENG-DC-80A with X-Insight-210285X8P-20200302  
©2020 Shenzhen Mindray Bio-Medical Electronics Co.,Ltd. All rights reserved.

**mindray**  
healthcare within reach

# X-Insight

## An insightful solution to envision more

Mindray's brand new solution provides continual insight into the customer's clinical needs by creating evolving cutting edge ultrasound technology.

Full of vivacity, with the goal of insight into the future and pursuit of infinite possibilities, it is constantly improving with increased scalability.



## High efficiency with precision imaging

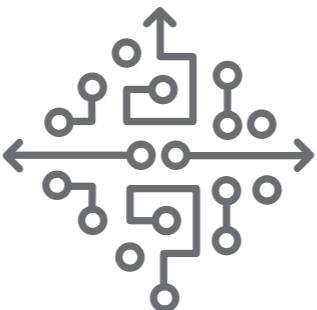
DC-80A with X-Insight focuses on customer requirements and provides a more comprehensive and dedicated women healthcare solution to ultrasound imaging and improving product usability to enhance diagnostic efficiency.

Based on an insightful look into customer needs, the DC-80A with X-Insight is designed to deliver high efficiency with precision imaging, which is empowered by eXpress clarity, eXceptional Intelligence, and benefits from an eXceeding experience.

# eXpress Clarity

## Lightning-speed imaging powered by X-Engine

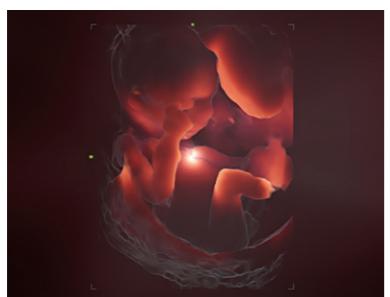
The new X-Engine integrated with both GPU and CPU enables multi-core parallel processing for fast imaging and superb clarity. With the advanced imaging engine, the imaging processing speed is accelerated three or four times faster than traditional processing, resulting in extremely fast imaging and superb clarity for 3D/4D and other applications



## Superb visualization by innovative image algorithm

### iLive Pro

Integrate iLive Hyaline with brand-new types of light sources and special rendering effects for unprecedented realism and clarity.



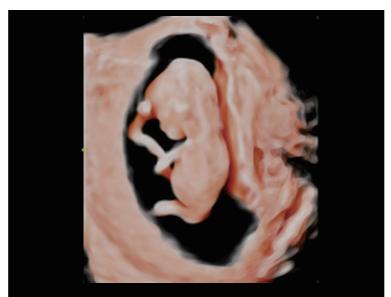
13 Week Fetus



26 Week Fetus

### iLive with Hyaline

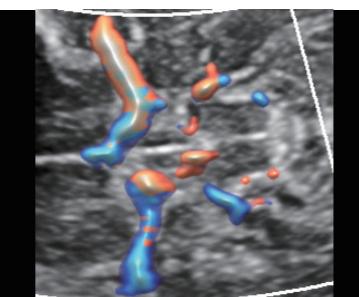
New rendering method that dynamically applies transparency to rendered structures for a more comprehensive view of anatomy.



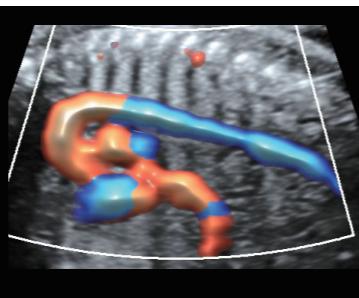
iLive

### Glazing Flow

It's a brand new way to innovatively demonstrate the Color or Power flow in a 3D visualization for intuitive and easy definition of blood flow structures, especially very tiny vessels.



Fetal Circle of Willis



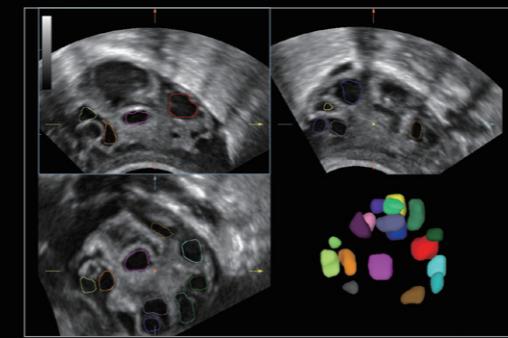
Fetal Heart-Aorta

# eXceptional Intelligence

## Fertility solution

### Smart FLC

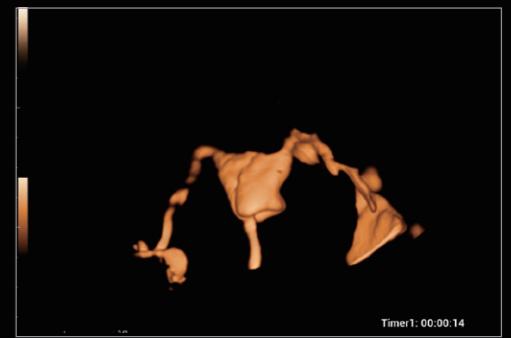
- Automatic volume measurement
- Precise detection



Smart FLC

### 4D Hcosy

- Assess the patency of the fallopian tubes
- Detect uterus and endometrium abnormalities

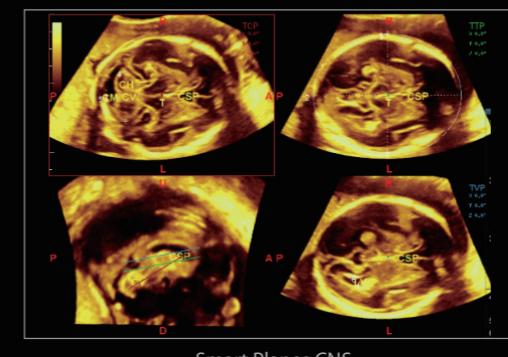


4D Hcosy

## Prenatal screening

### Smart Planes

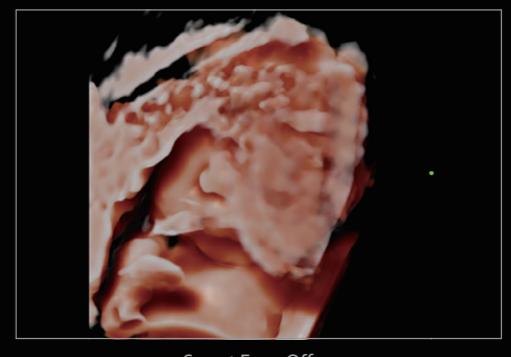
Fully automatic and accurate detection, acquisition and calculation



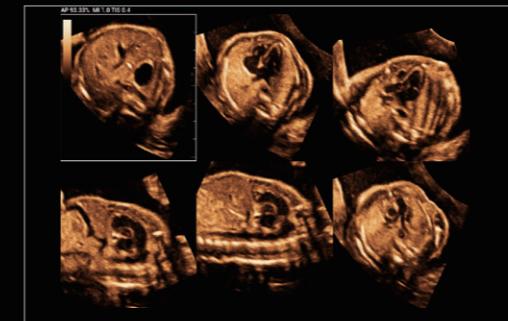
Smart Planes CNS

### Smart Face

- Fast intelligent detection
- One-touch fetal face optimization



Smart Face Off



Smart Planes FH



Smart Face On

# eXceeding Experience

Innovation is inspired by clinical needs. The DC-80A with X-Insight is focusing on what matters to you and refines your user experience by providing clarity, flexibility, and intuitive technologies that exceed your expectations.

## Bigger Full-HD monitor

Higher resolution for better visualization  
More diagnostic information



## Unique dual-wing floating arm

Unlimited angle by floating design



## Ultra-slim and multi-gesture powered touch screen

Powerful gesture-based workflow beyond your expectation



## Built-in battery for continuous scanning

Better convenience and usability



## 5 active sockets

Wide range of clinical applications with ease

## Smart OB

Auto measurement of BPD, OFD, HC, AC, FL and HUM on a single click



Smart OB

## Smart NT

Auto-trace tube cavity edge with measurement result



Smart NT



Fetal Heart

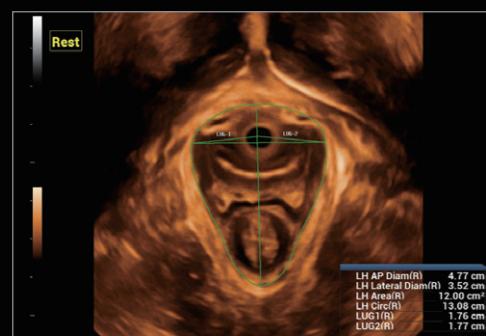


Fetal Hydrops

## Postpartum healthcare

### Smart Pelvic

- Simplicity and high efficiency
- Short learning curve



Levator Hiatus



Anterior Compartment