

## DC-80A

Diagnostic Ultrasound System

# Insight, Intelligence, and more

## X-Insight





# 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 such as providing a more comprehensive and dedicated solution to ultrasound imaging and improving product usability to enhance diagnostic efficiency.

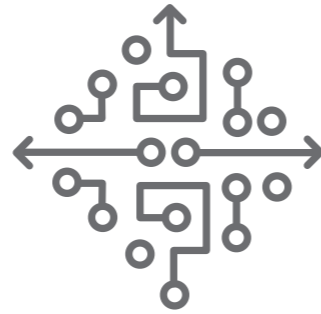
Based on an insightful look into customer needs, the DC-80A with X-Insight is designed to deliver high efficiency with precision imaging, which is empowered by eXpress clarity, eXceptional Intelligence, and benefits from an eXceeding experience.



# eXpress Clarity

## Lightning-speed imaging powered by X-Engine

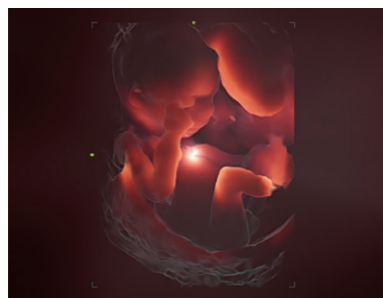
The new X-Engine integrated with both GPU and CPU enables multi-core parallel processing for fast imaging and superb clarity. With the advanced imaging engine, the imaging processing speed is accelerated three or four times faster than traditional processing, resulting in extremely fast imaging and superb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



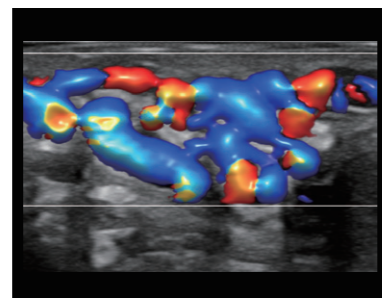
13 Week Fetus



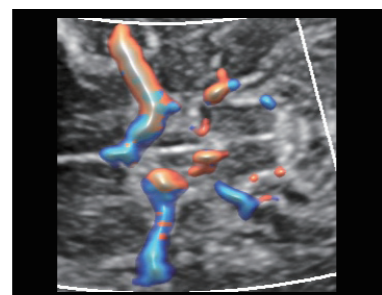
26 Week Fetus

### 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.



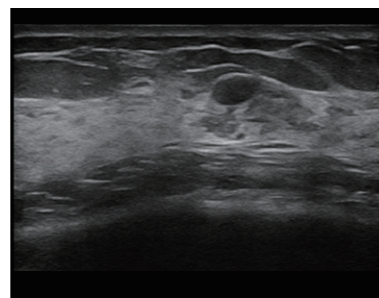
Varicocele



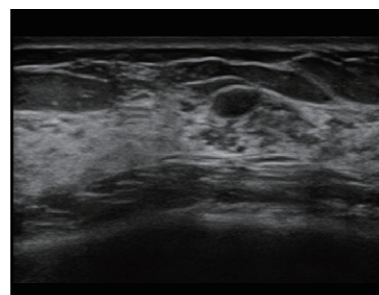
Fetal Circle of Willis

### iClear+

Provide better image with excellent speckle noise rejection and contrast resolution to easily identify the lesions and improve the diagnostic confidence.



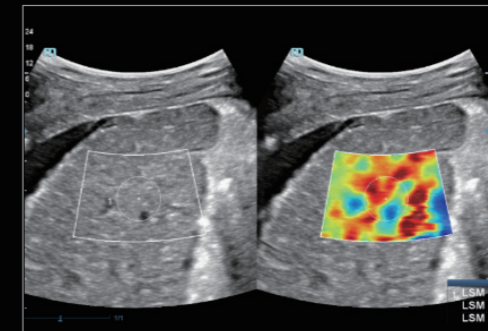
iClear



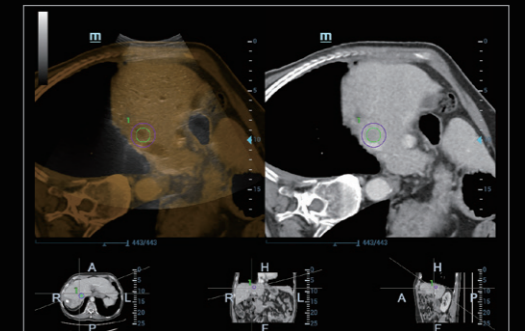
iClear+ (new)

# eXceptional Intelligence

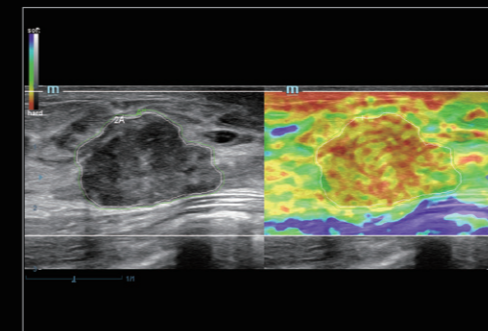
## Radiology solution



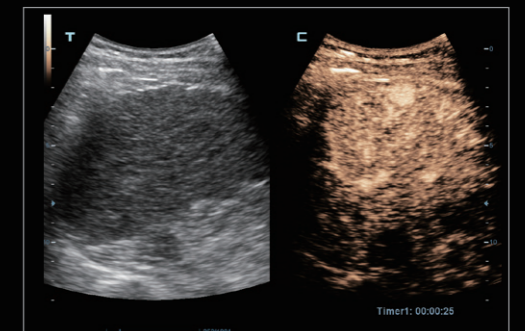
Sound Touch Elastography



iFusion

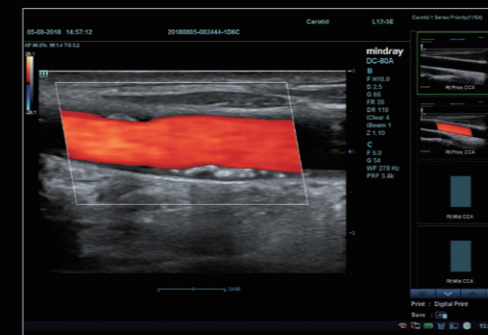


Shell Analysis of Breast Mass

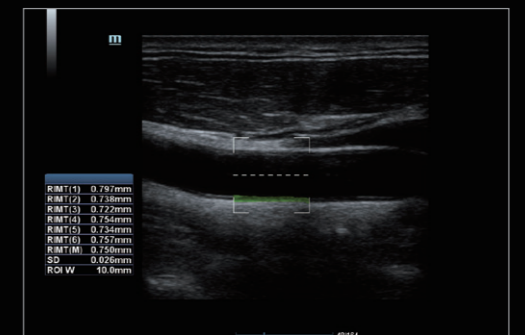


UWN+ CEUS

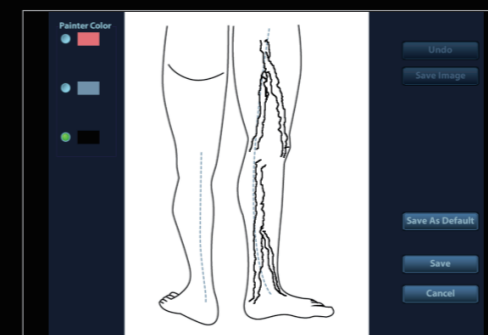
## Vascular solution



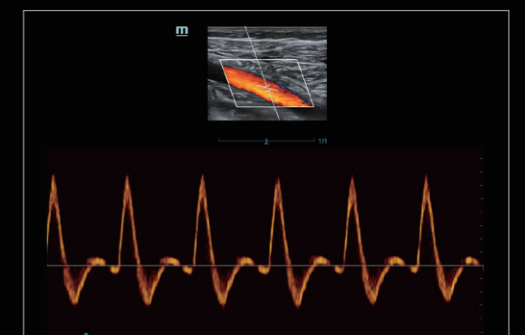
iWorks



RIMT



V-Mapping



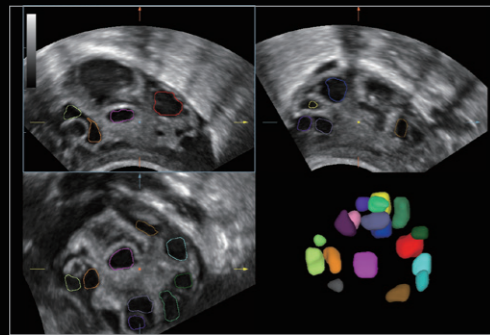
Smart Track

# eXceptional Intelligence

## Women's health solutions

### Smart FLC

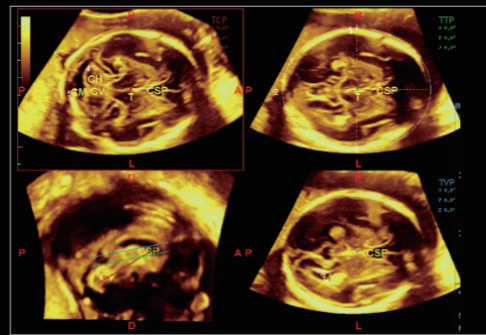
- Automatic volume measurement
- Precise detection



Smart FLC

### Smart Planes CNS

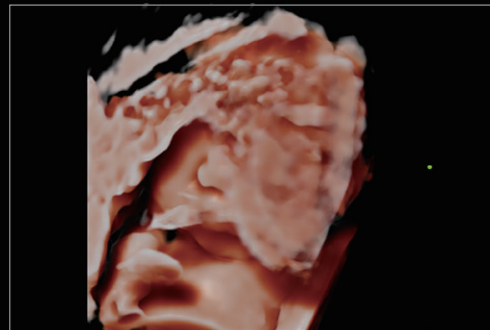
Fully automatic and accurate detection, acquisition and calculation



Smart Planes CNS

### Smart Face

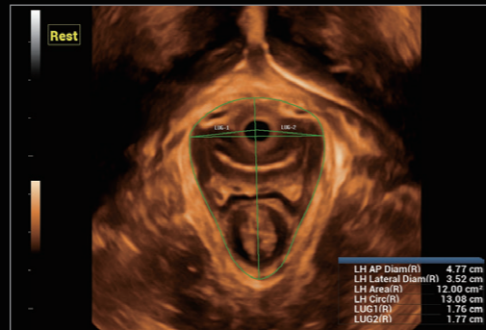
- Fast intelligent detection
- One-touch fetal face optimization



Smart Face Off

### Smart Pelvic

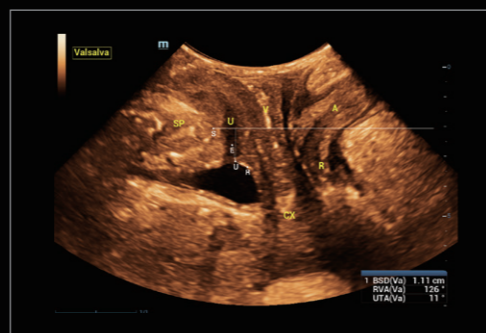
- Simplicity and high efficiency
- Short learning curve



Levator Hiatus



Smart Face On



Anterior Compartment

# 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

