DC-7 NEW
Diagnostic Ultrasound System

Advanced technology:

- THI: phased inversion harmonic imaging delivers optimal contrast resolution and better noise rejection

- Adaptive frame averaging: reduces acoustic artifacts with uncompromised frame rates, brings you diagnostic confidence

Complete series of probes:

- Phased array probes: P4-2, P7-3, P12-4
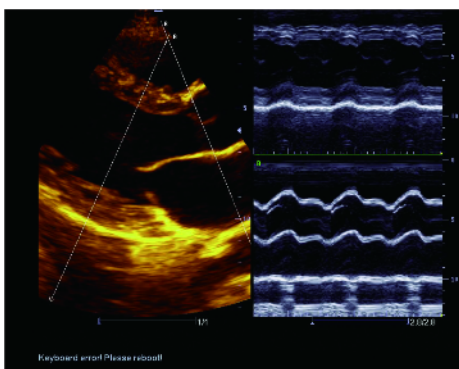- Linear probes: 7L4A, L7-3, L11-4, L12-4, L14-6

Complete versatility:

- Tissue Doppler Imaging: extracts tissue motion signals for quantitative analysis on myocardial movement, evaluates cardiac function more precisely

- Free Xros ™: anatomic M -mode, offers accuracy and high efficiency with maximum three off-axis sample lines to obtain more valuable diagnostic information

- Color M-mode: helps to understand the relationship between myocardial movement and hemodynamics

- IMT: automatically detects and measures the carotid intima-media thickness, which could be an early sign of atherosclerosis

- Auto LV trace: auto border detection and calculation helps to assess LV function with less time and more accuracy

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DC-7
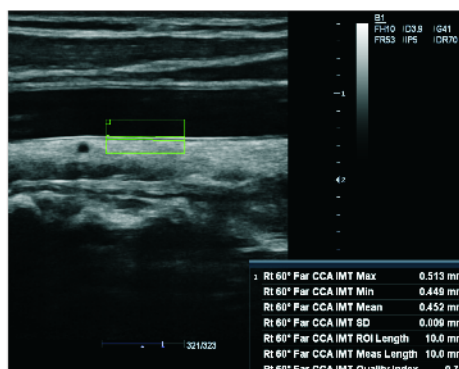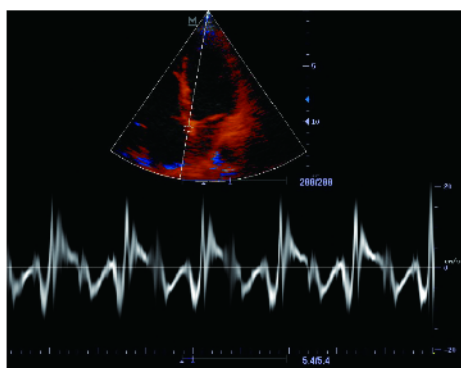## Diagnostic Ultrasound System

Cardiovascular

DC-7 can provide excellent performance in cardiac and vascular in many aspects, such as rapid system response, razor-sharp image quality, advanced quantitative analysis and abundant report packages. With these advantages, DC-7 brings you more benefits and solutions in diagnose more way than ever.
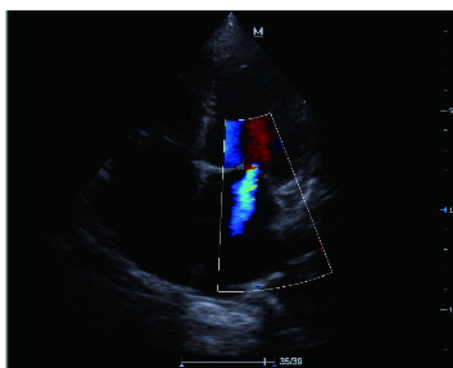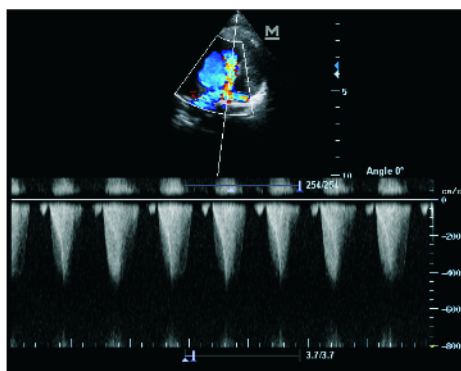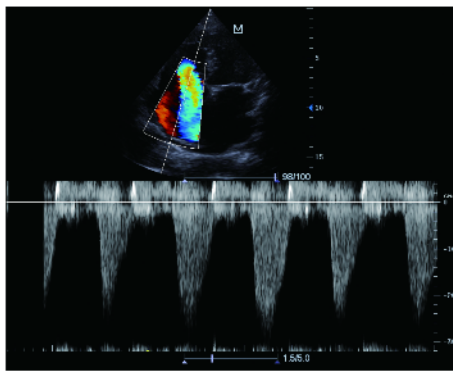

Anatomic M-mode

Auto IMT

TDI PW function

Mitral regurgitation

Pulmonary stenosis

Tricuspid regurgitation

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DC-7 **NEW**
Diagnostic Ultrasound System

New applications:

- 3D/4D imaging: offers you the greatest flexibility to fully view, and better analyzes the VOI with enhanced diagnostic accuracy
- New transvaginal probe: larger view of angle and better ergonomic design make your scanning more comfortable

Easy-to-use:

- Smart OB: automatic measurement function with manual correction method, greatly improves the exam procedure
- Zoom function: automatic combination of large-scale pan zoom and spot zoom, provides the best zoom effect to visualize small structures
- Fetus analysis: various OB tables and trend graph for analyzing fetal growth easily
- Complete measurement items and formulae with professional report template are provided specifically for OB/GYN exams
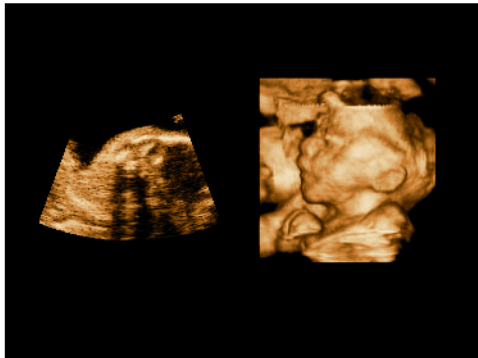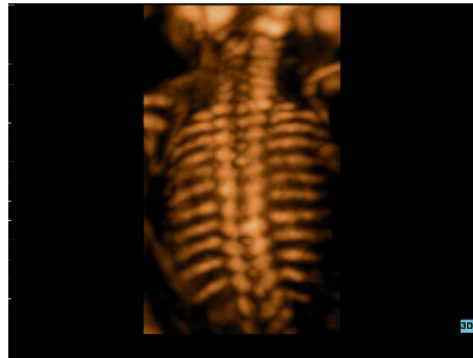
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DC-7

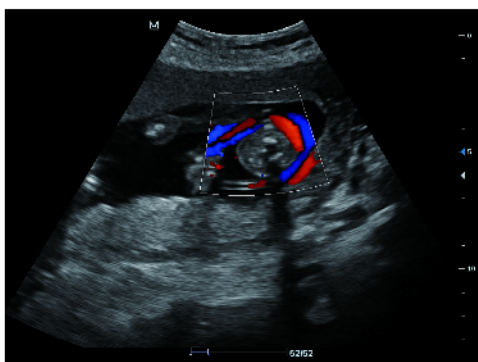## Diagnostic Ultrasound System

OB & GYN

The DC-7 opens the door for unique concerns of women health and fetal care. With value added performance, DC-7 can meet the challenges from routine OB/GYN exams to further research studies, paving the way for the new experience of expertise.
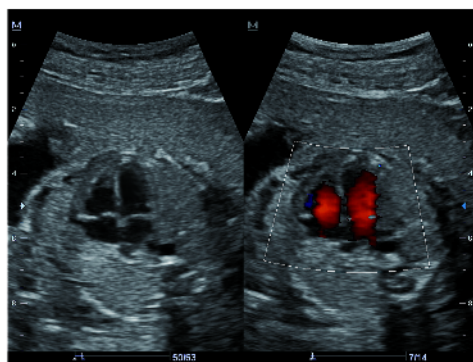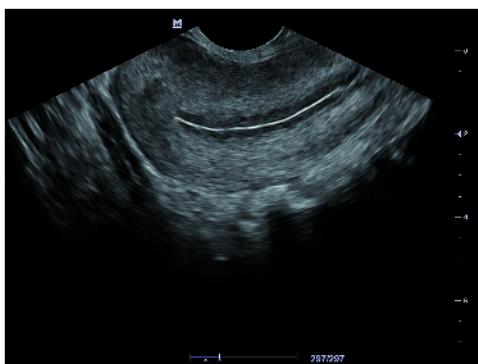

Fetal face (24 weeks), surface rendering

Fetal spine, max rendering

Umbilical cord

Four-chamber view of fetal heart

Endometrium canal, with transvaginal probe

Gestation sac

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DC-7 NEW
Diagnostic Ultrasound System

Advanced technology:

- iClear™: speckle reduction technology improves contrast resolution without compromising spatial resolution
- iBeam™: reduces random noise and enhances border differentiation
- Frequency compounding imaging: achieves the excellent balance between spatial resolution and penetration at depth

Wide clinical applications:

- Contrast imaging: enhances visualization of pathological structures
- iScape™ view: provides extended field of view with real-time alignment
- IMT: automatically calculates and analyzes the carotid intima-media thickness
- Fifty specific exam modes, more than twenty probes
- Rich series of biopsy devices, including both disposable and reusable needle-guided brackets

Streamlined workflow:

- Fast system response: keeps you focusing on images and patients
- Four active probe ports: saves probe switch time between any different exams
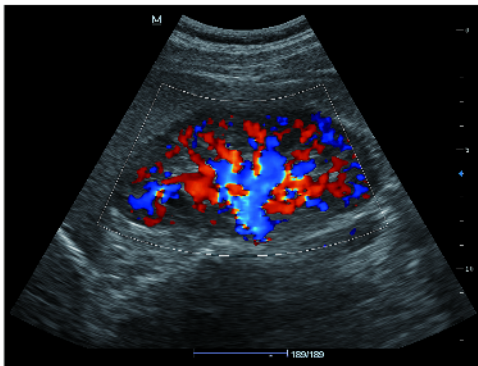- DICOM3.0 (Storage, Print, DIR, Worklist, MPPS, HIS, RIS)
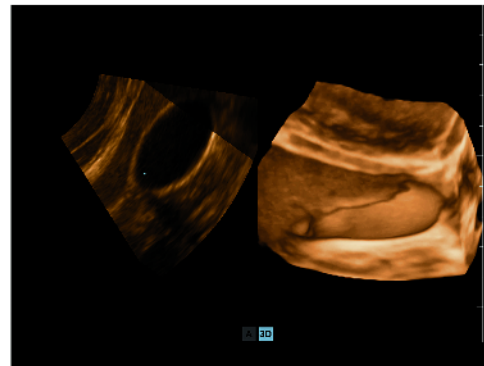
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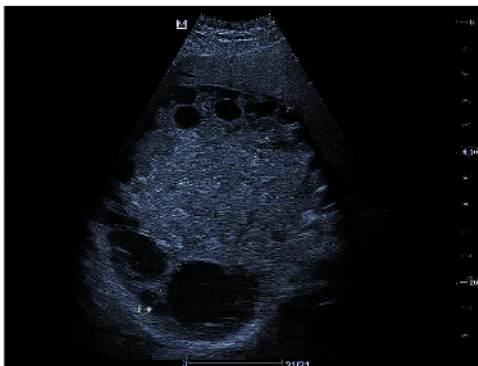# DC-7
Diagnostic Ultrasound System

Radiology

The DC-7 provides the versatility and premium image quality needed across a wide range of patients and exam types, from deep abdominal to superficial small parts. With streamlined workflow, DC-7 makes your scanning comfortable and productive.
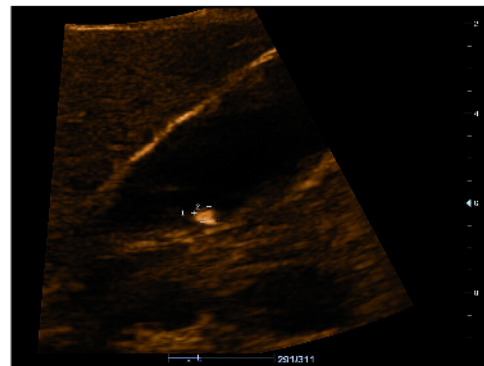

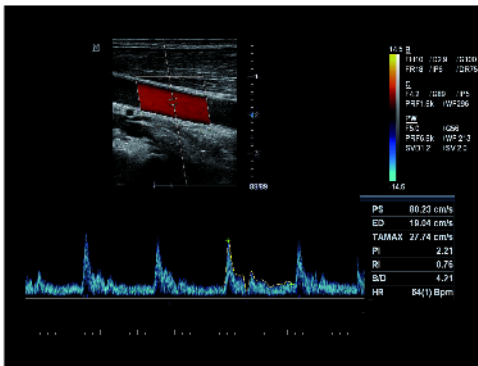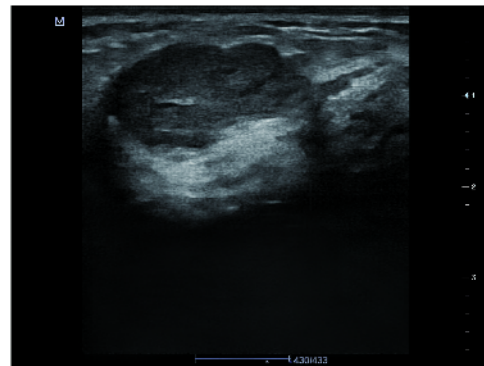Kidney perfusion, frequency compounding technology

Gallbladder

Hepatic echinococcosis, iClear™ function

GB stone of 0.36cm, THI technology

Carotid artery, spectrum auto calculation

Breast mass, iBeam™ technology

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