



CCBM5

Portable Color Doppler Ultrasound System
Slimmer | Clearer | Stronger

China Care Medical Equipment Co.,Ltd

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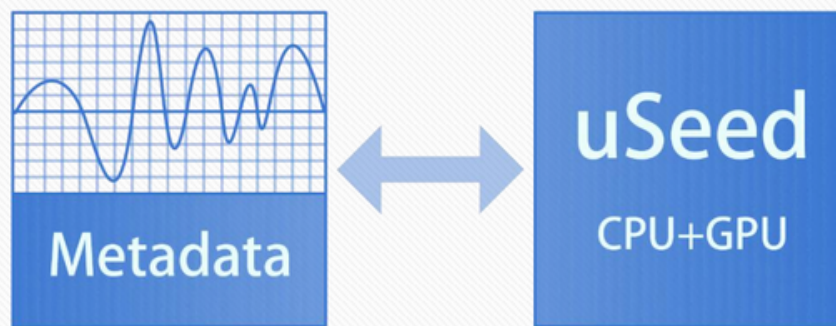
www.chinacaremedical.com

2nd generation uSeed Platform



CCBM5 ensure accurate diagnosis based on uSeed metadata beamforming imaging technology platform.

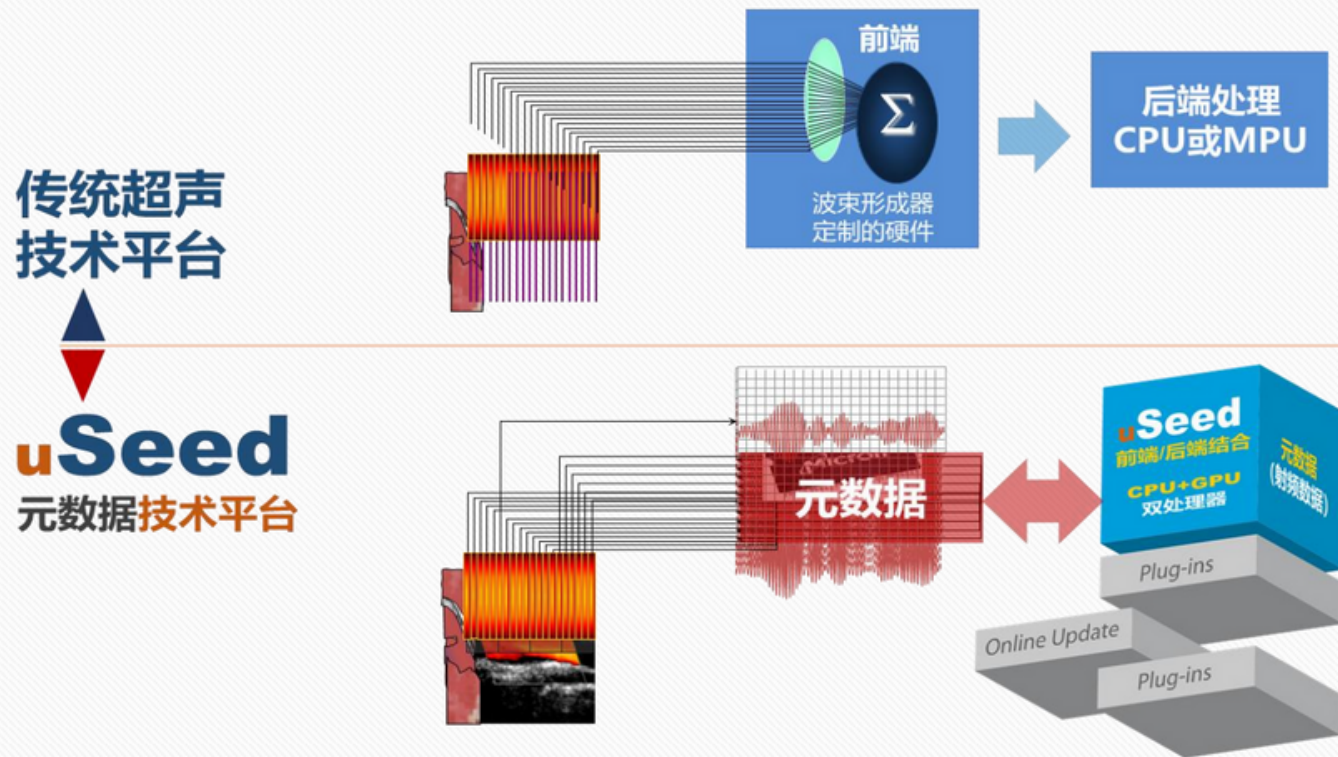
This brand-new platform is developed by CPU + GPU heterogeneous computing technology. The images in uSeed platform are saved as metadata for postprocessing.



Higher hardware circuit integration, stronger performance and faster response

2nd generation uSeed Platform

Based on CPU+GPU dual-processor heterogeneous computing technology, uSeed has powerful RF data acquisition and computing capabilities, parallel processing of front-end and back-end data, and a breakthrough solution to the technical difficulties of high-loss front-end signal processing of traditional ultrasound platforms. uSeed also has the following advantages:



- Convenient to export high-fidelity RF raw data to facilitate academic research;
- Add advanced features (e.g. elastography, contrast imaging) through software plug-ins.

Comprehensive Clinical Applications



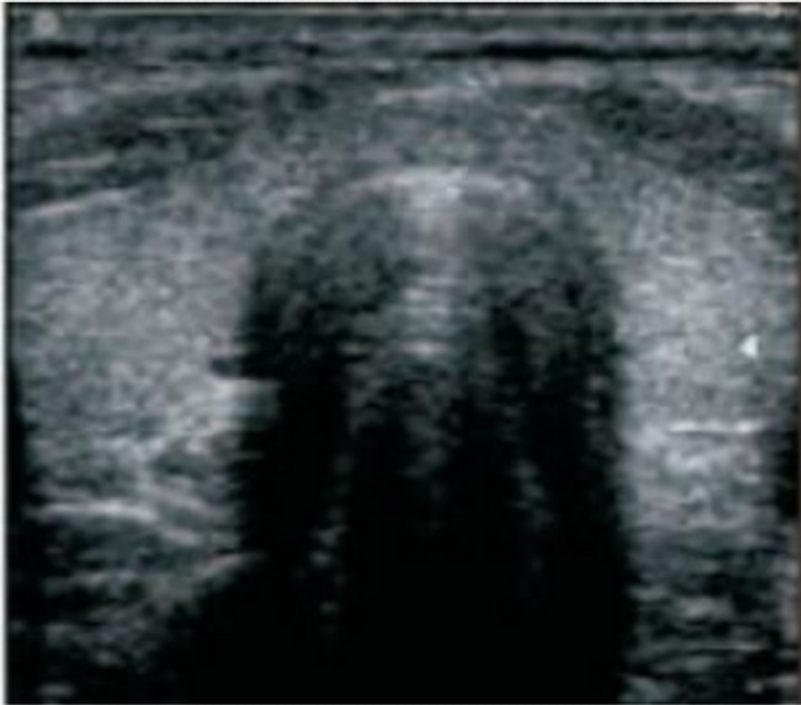
Equipped with multiple transducers, **CCBM5** provides remarkable performance in Abdomen, Gynecology (including endocavity), Obstetric, Cardiology, Small parts (Breast, Testes, Thyroid, etc.), Urology, Musculoskeletal and Peripheral vascular. A variety of imaging modes brings a comprehensive clinical application.



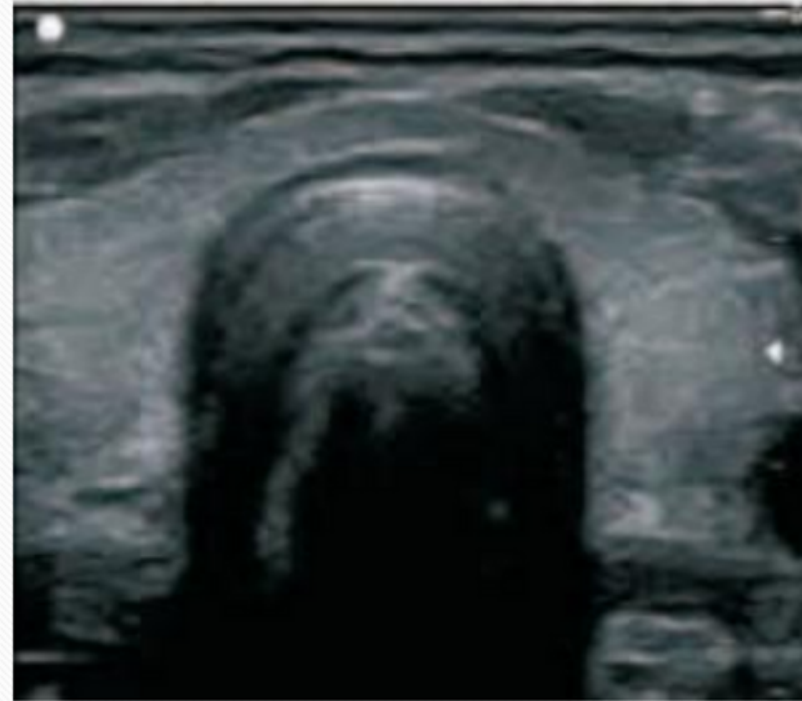
Radiology

Speckle Reduction Imaging

SRI technology significantly reduce the unwanted speckle, provides enhanced tissue boundary and tissue echo for confident clinical diagnosis.



SRI OFF

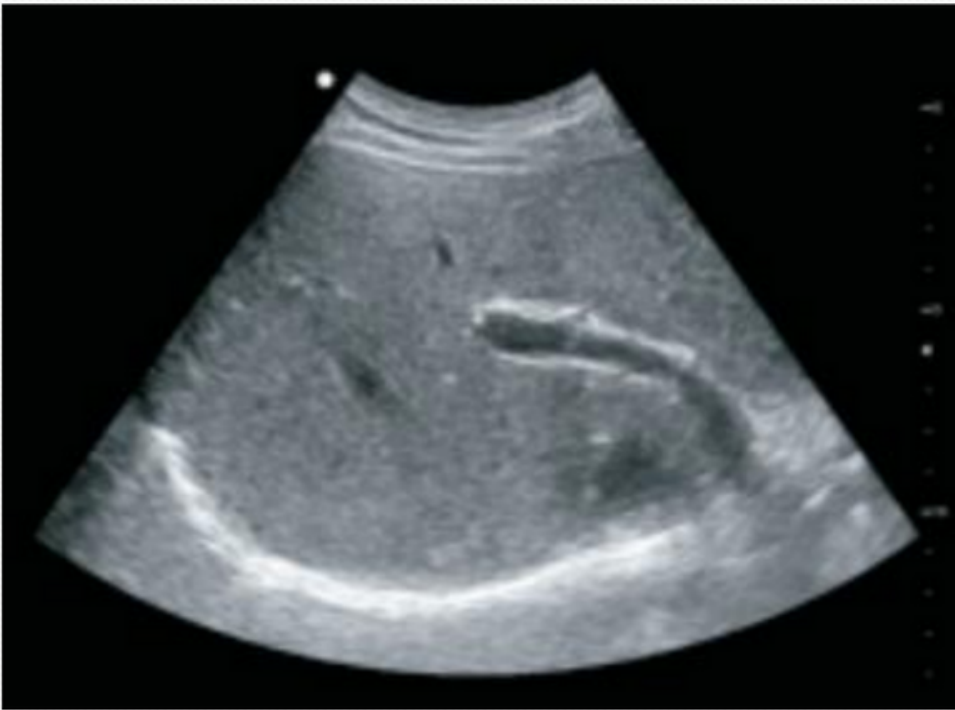


SRI ON

Radiology

Frequency Composite Imaging

Combine the high penetration of the fundamental frequency and the high resolution of the harmonic frequency to improve the detail resolution and contrast resolution of the near field and the far field to provide the best image quality.



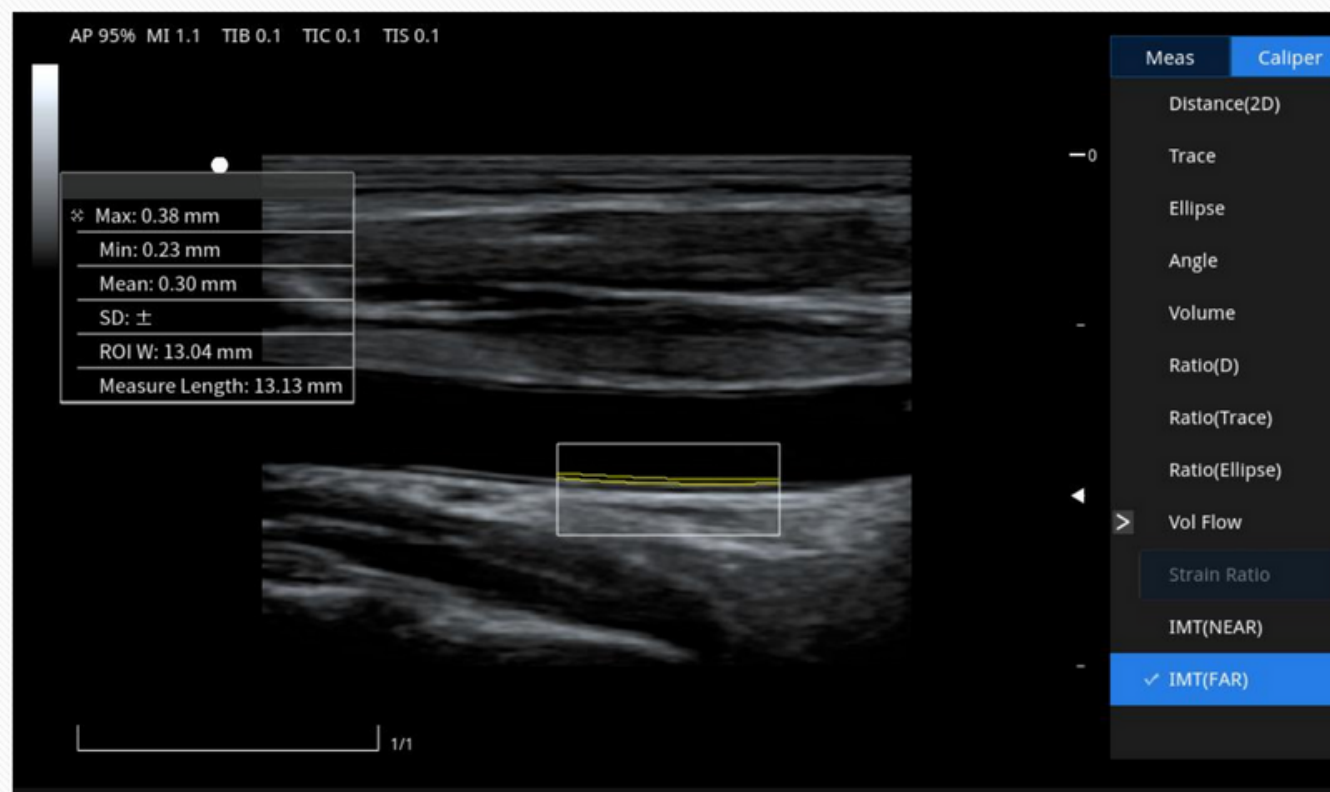
FCI OFF



FCI ON

Auto IMT

Automated Carotid Intima-Media Thickness (IMT) Measurement is an innovative tool for health workers to quick access the evaluation of the cardiovascular risk. Compared to manual measurement, IMT offers more accurate and precise diagnosis by automatically deliver the measurement of the intima-media thickness of the vessels.





Super Efficient Workflow

Streamlined Control Panel Design Brings Ultimate Operating Experience

Workflow



Basic Info

First Name

Mid Name Patient ID 20200106-100144-21 Gender Accession

Last Name DOB Age

Height cm Weight kg

BSA m²

Exam Description Clinician Comment

Symptom Diagnostician

Past History Operator

Charge Code

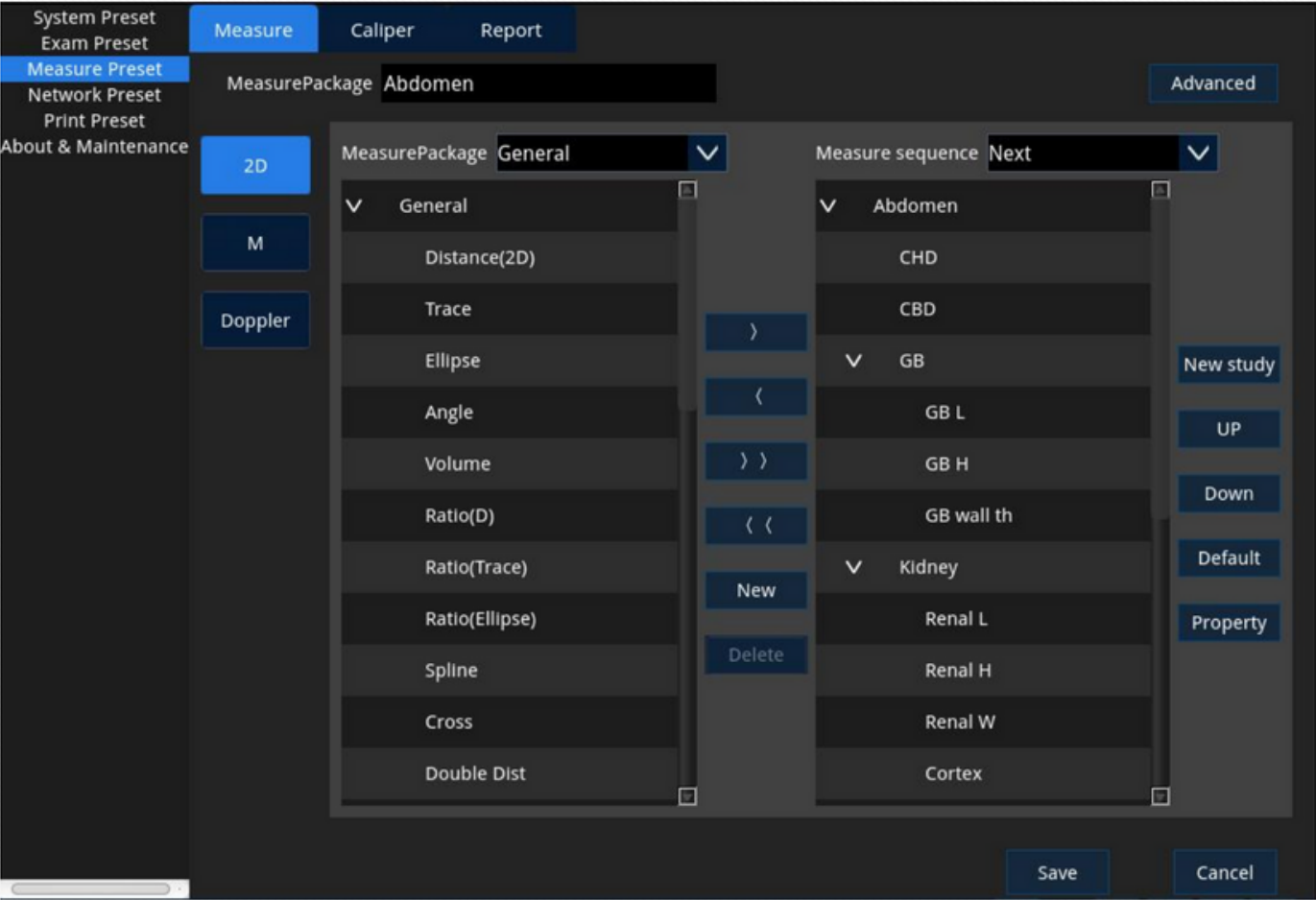
Charge Description

Patient Information

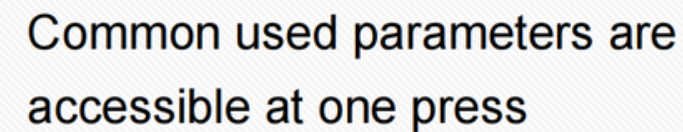
Appication Selection

Support the **Customization** of application type

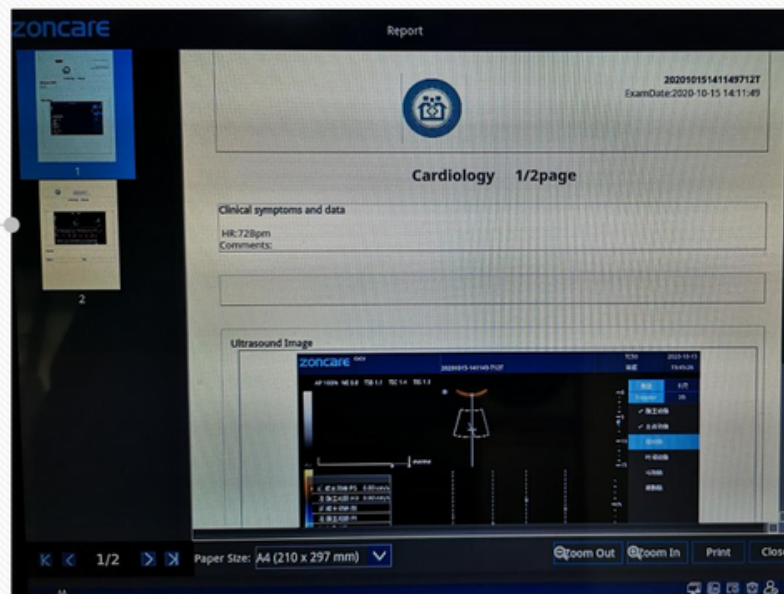
Workflow



Complete&customized presettings
according to clinical demand



Workflow



Report Preview

Video/Laser printer supported

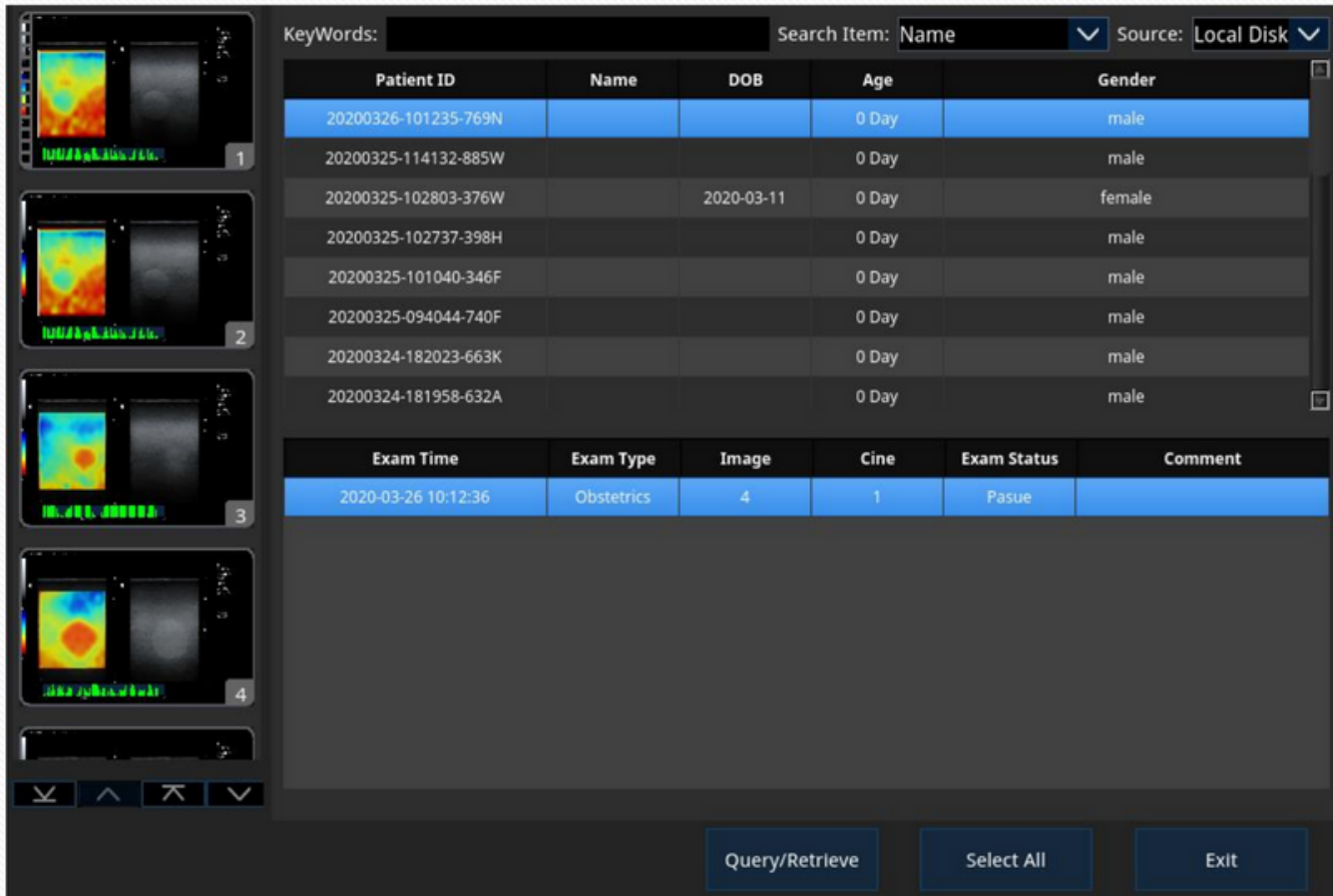


Multi-image preview mode

Multi-format export

Import and export of raw data

Workflow

The screenshot shows a software interface for managing ultrasound raw data. On the left, there is a vertical sidebar with four thumbnail images of ultrasound scans, each labeled with a number (1, 2, 3, 4). The main area of the interface is divided into two sections. The top section is a search and filter area with fields for "KeyWords:", "Search Item: Name", and "Source: Local Disk". Below this is a table with columns: "Patient ID", "Name", "DOB", "Age", and "Gender". The bottom section is another table with columns: "Exam Time", "Exam Type", "Image", "Cine", "Exam Status", and "Comment". At the bottom of the interface, there are three buttons: "Query/Retrieve", "Select All", and "Exit".

Patient ID	Name	DOB	Age	Gender
20200326-101235-769N			0 Day	male
20200325-114132-885W			0 Day	male
20200325-102803-376W		2020-03-11	0 Day	female
20200325-102737-398H			0 Day	male
20200325-101040-346F			0 Day	male
20200325-094044-740F			0 Day	male
20200324-182023-663K			0 Day	male
20200324-181958-632A			0 Day	male

Exam Time	Exam Type	Image	Cine	Exam Status	Comment
2020-03-26 10:12:36	Obstetrics	4	1	Pass	

Ultrasound Raw data storage

- complete offline analysis facility;
- offline re-edit of the saved raw data for gain, DR, body mark, measurement and etc;
- re-edit and re-generate report with more confidence

Workflow



Storage

Print

Worklist

Mpps

Storage Commitment

Query/retrieve

Service Properties

Device

Service Name

storage-default

AE Title

Port

Maximum Retries

2

Interval Time(Sec)

15

Timeout(Sec)

15

Cine Zoom Mode

Original

Compression Mode

Origin Data

Compression Ratio

Nondestructive

Color Mode

Color

☐ Allow Multiframe

Max Frame Rate

Storage Options

Send Dicom SR

☐ Encapsulated PDF

Add

Cancel

Update

Service List

Device	Service	AETitle	Port	Default
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Delete

Default

Verify

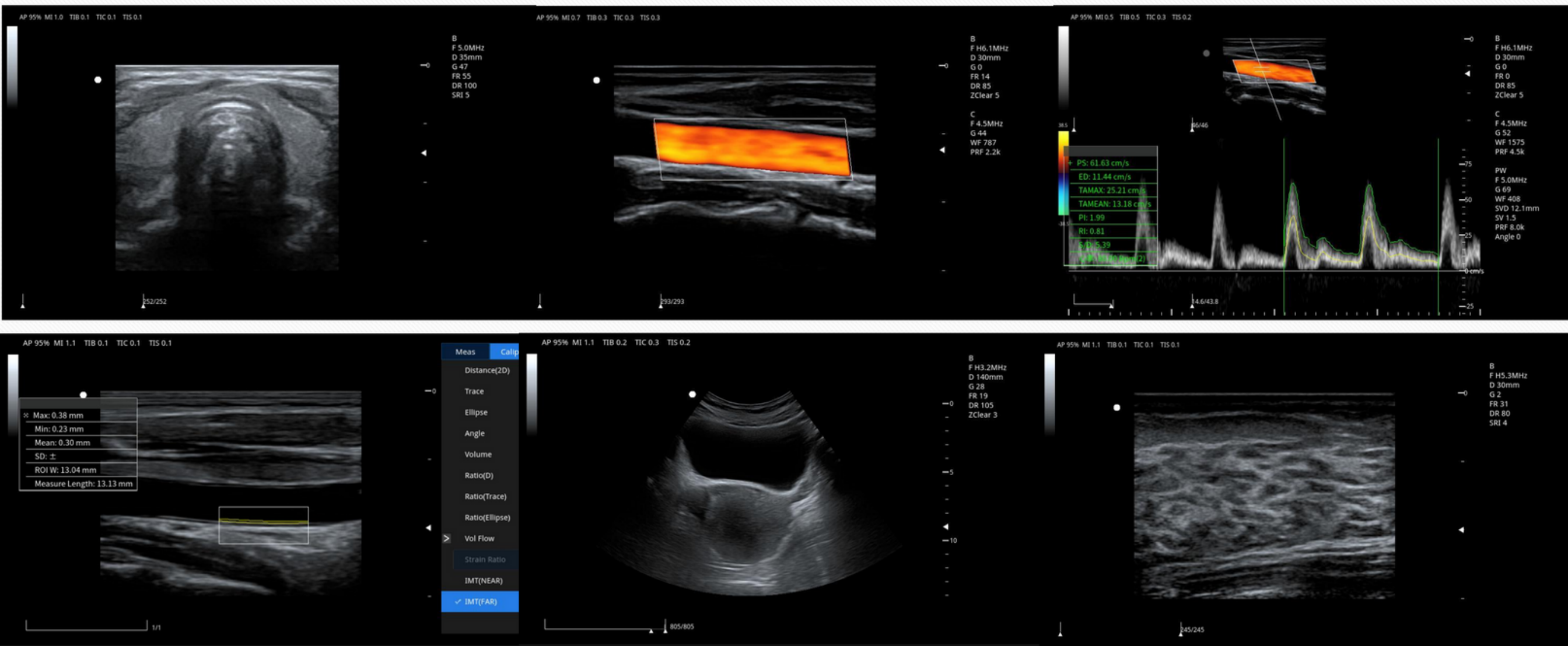
Save

Cancel

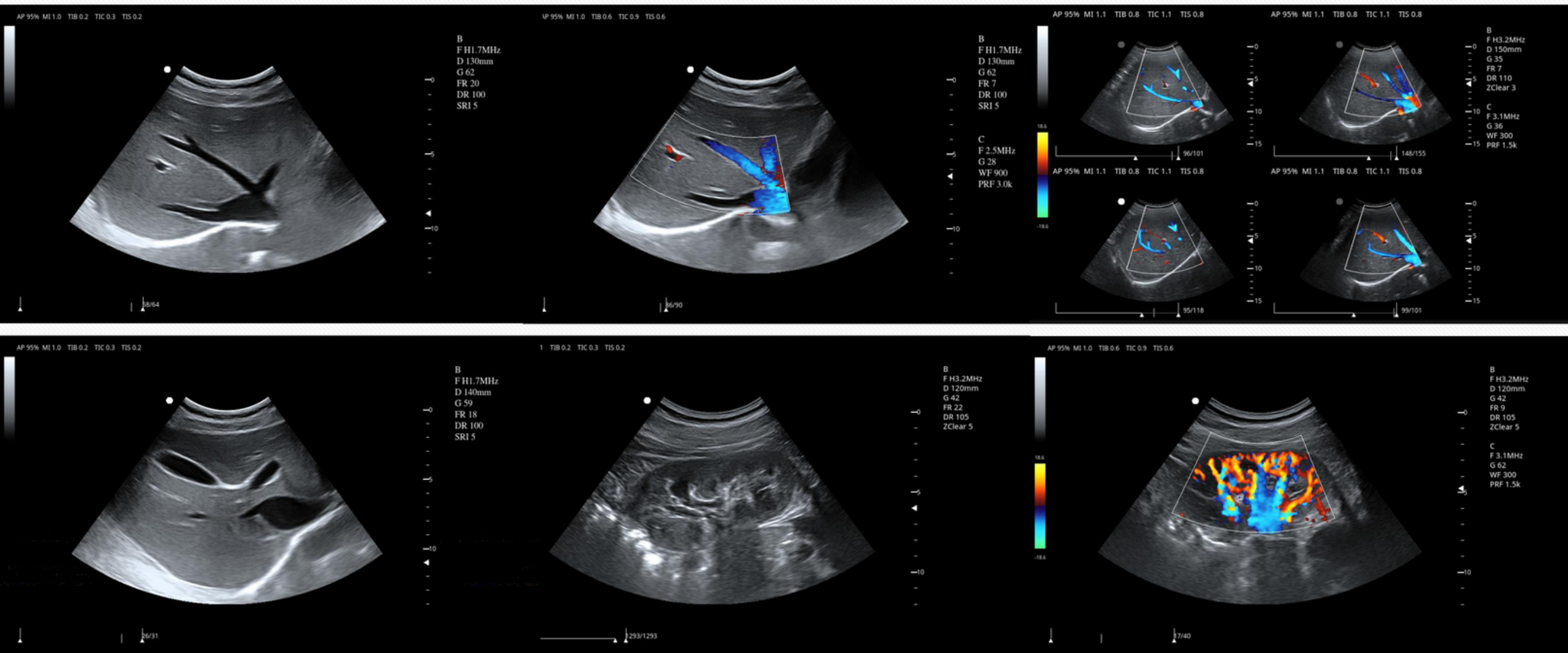
Complete DICOM Function

- DICOM Basic
 - ✓ DICOM storage, DICOM print, DICOM storage commitment,
- DICOM Worklist
- DICOM Query/Retrieve
- DICOM MPPS (Modality Performed Procedure Step)

More clinical image



More clinical image



More clinical image

