ZONCARE-M5

Full Digital Color Doppler Ultrasonic Diagnostic System

First Choice of High Efficient
Portable Ultrasound System

Portable & Ergonomic Design

Light Weight 7.5kg

12‘’Medical LED Monitor

90 degrees rotation

2 Preposed USB Ports

Built in battery

2 Activated Probe Connectors

Probe Holders

Backlight Keyboard

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Backlight Keyboard

Imaging Mode

Shortcut Key

8 Segements TGC

One Key Workflow

Central base point design

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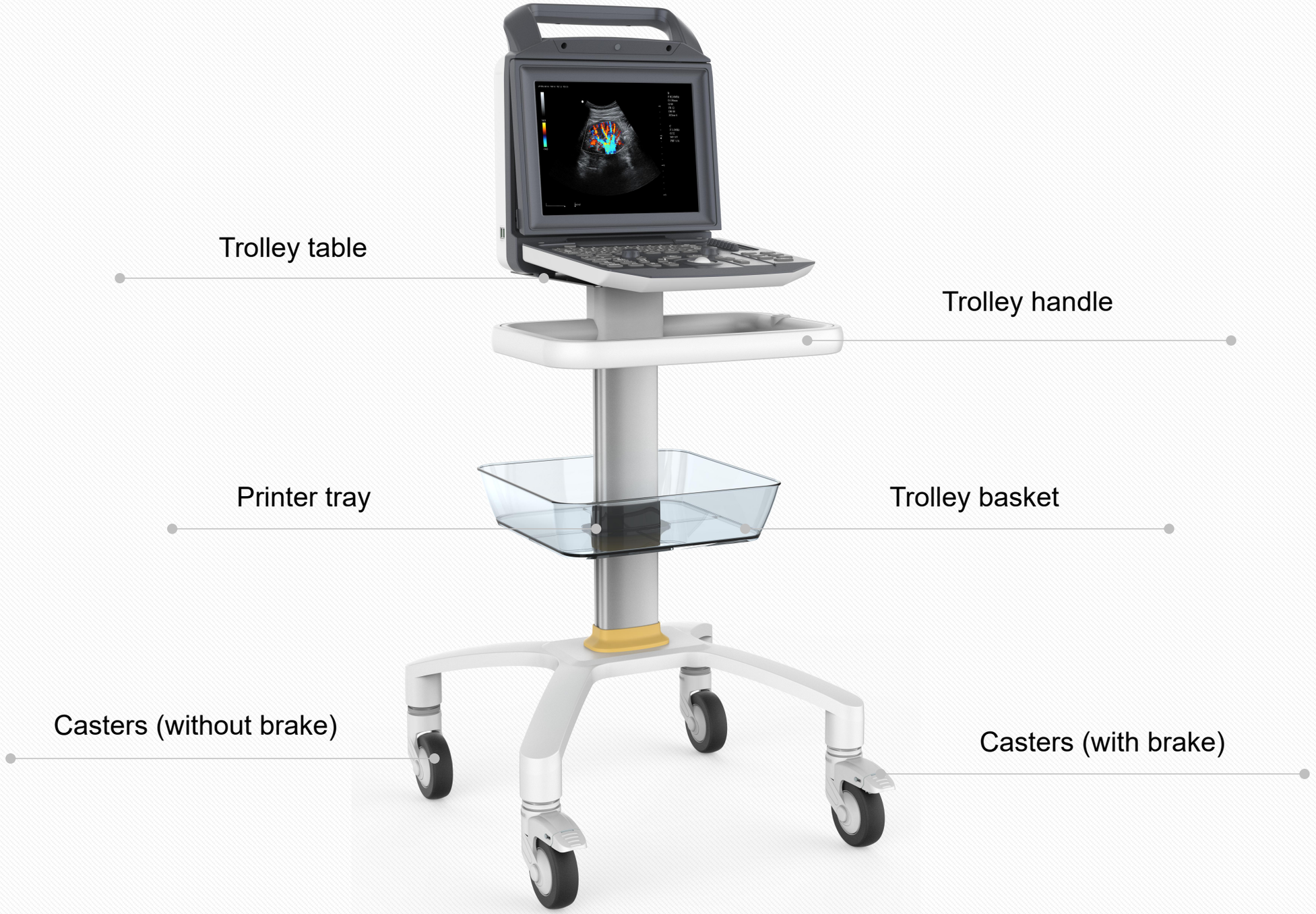
Trolley table
Trolley handle
Printer tray
Trolley basket
Casters (without brake)
Casters (with brake)

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NewPC
Tech Platform

M5 adopts a new PC technology platform with high imaging efficiency, open platform and better compatibility. It is very convenient to upgrade both hardware and software, making it a mainstream platform for portable color doppler ultrasound product development.

New Opportunity

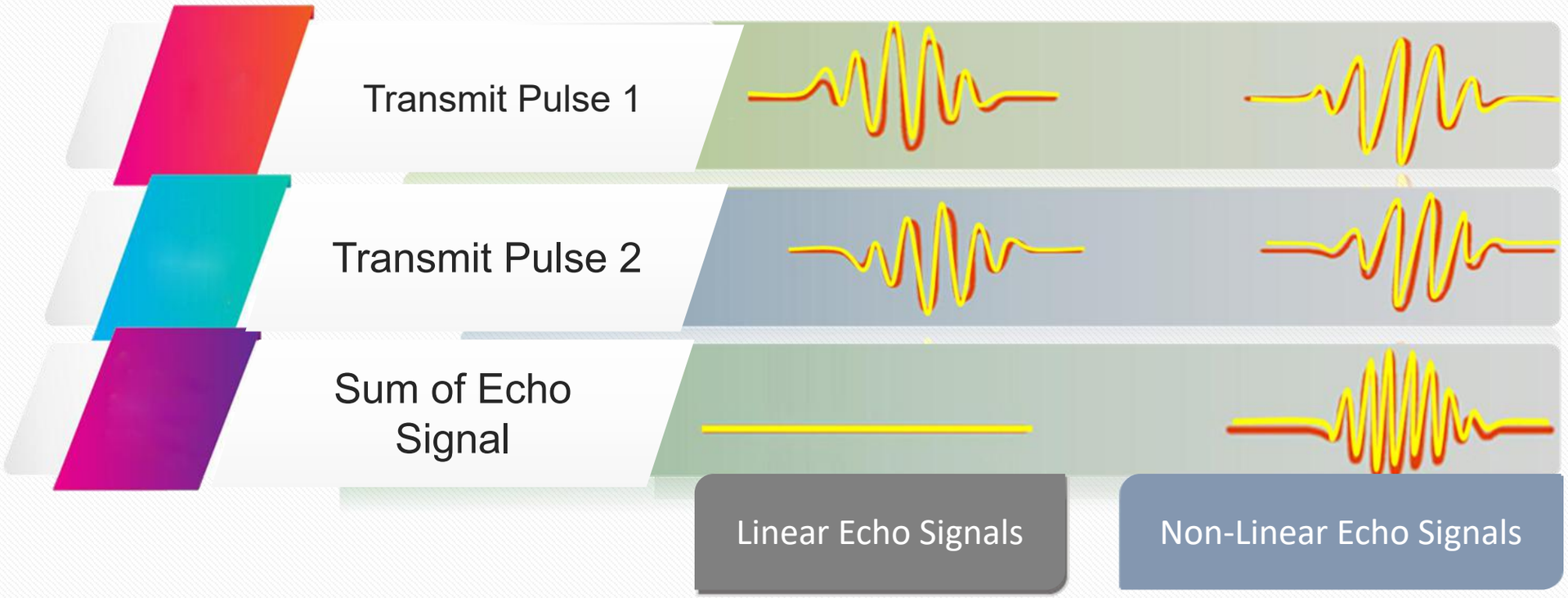
Upgrade from DP-10&50 series

Second unit of shared service portable color doppler

Public market, USA FDA & Strong specifications

PIHI Pulse Inverse Phase Harmonic Technology

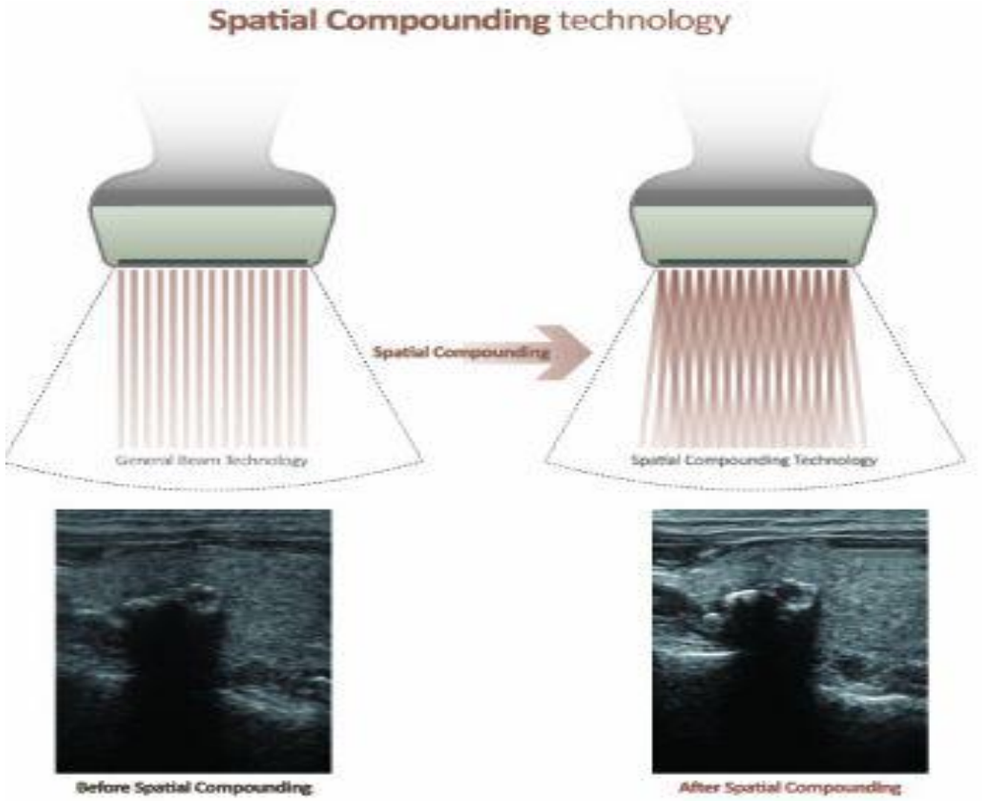
The Phase harmonic imaging is twice the frequency of the fundamental frequency, which has a good spatial resolution, effectively reducing the artifacts generated by the fundamental wave, and greatly improving the signal-to-noise ratio.



SCI Spacial Compounding Imaging Technology

Using the real-time composite multi-angle scanning during which the acoustic beam lines with different deflection angles are combined into an image.

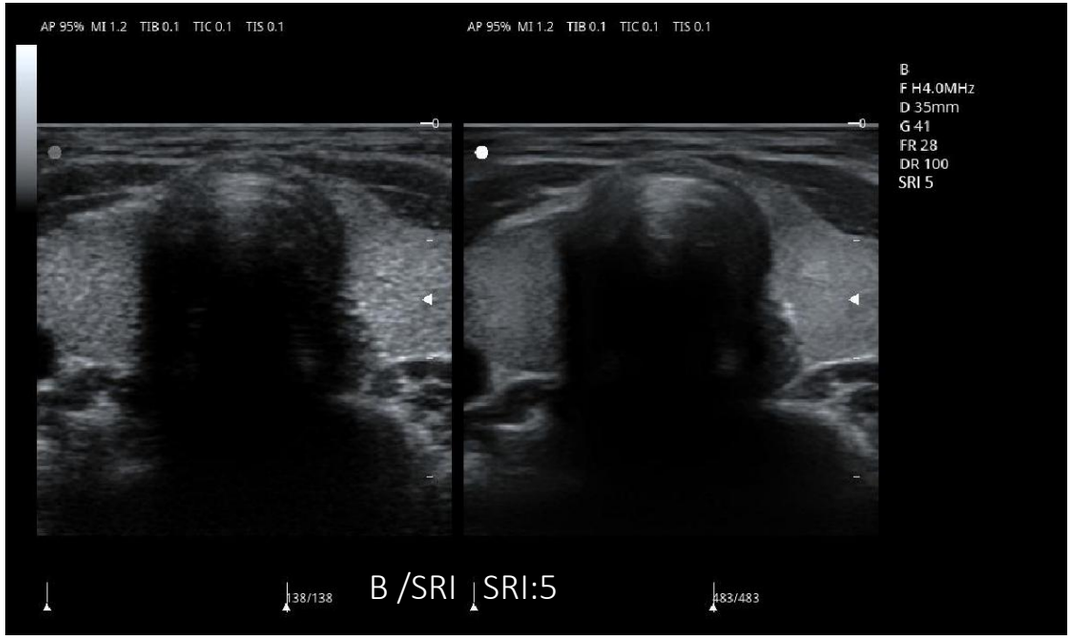
- **Improve the display of the boundary**
- **Improve the contrast resolution**
- **Improve the signal-to-noise ratio(SNR)**



SRI Speckle Noise Reduction Imaging Technology

By detecting the location of anatomical boundaries, the speckle noise can be effectively reduced, and the display ability of tissue boundary and tissue echo can be greatly enhanced, and the confidence of clinical diagnosis can be enhanced.

Get natural, smooth, and realistic images



EFOV Extended Field of View

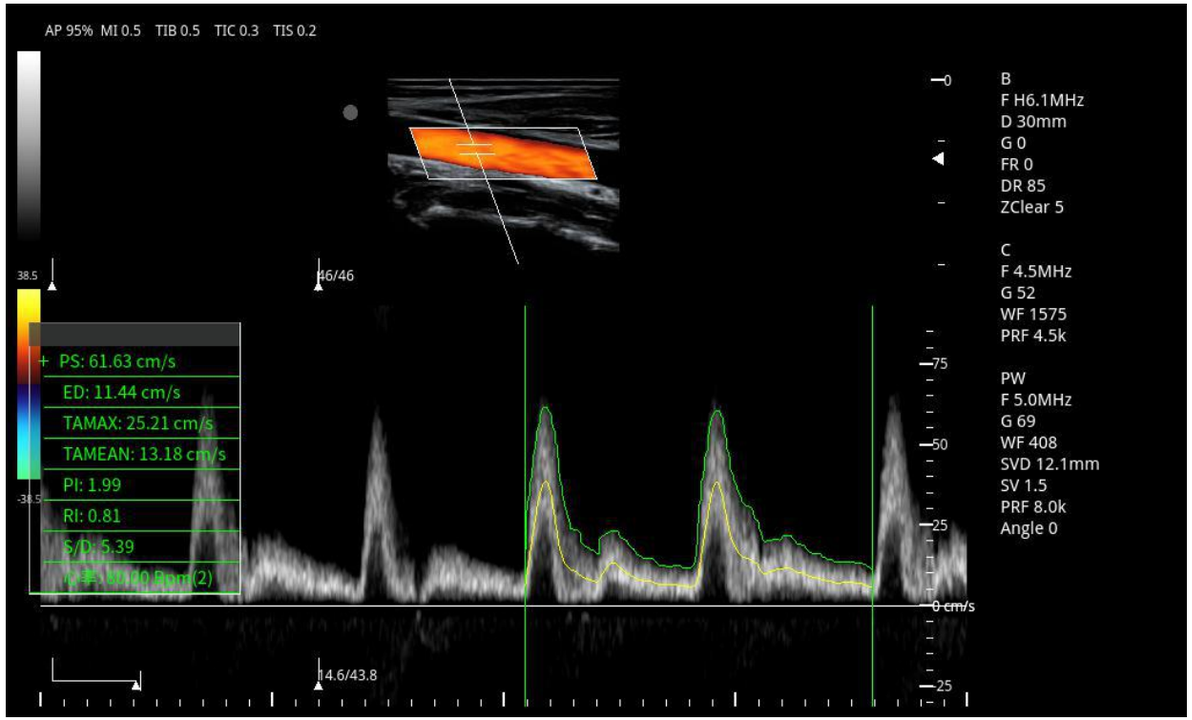
Expand image field without losing overall image resolution, which is convenient to observe the region of interest and facilitate the measurement of large mass

Auto Envelope measurement

Automatic spectrum tracing and measurement

Automatic tracing and calculation of PW:

Automatic calculation of PS, PI, RI, ED, TAMAX, TAMEAN, S/D and other parameters



Auto IMT measurement

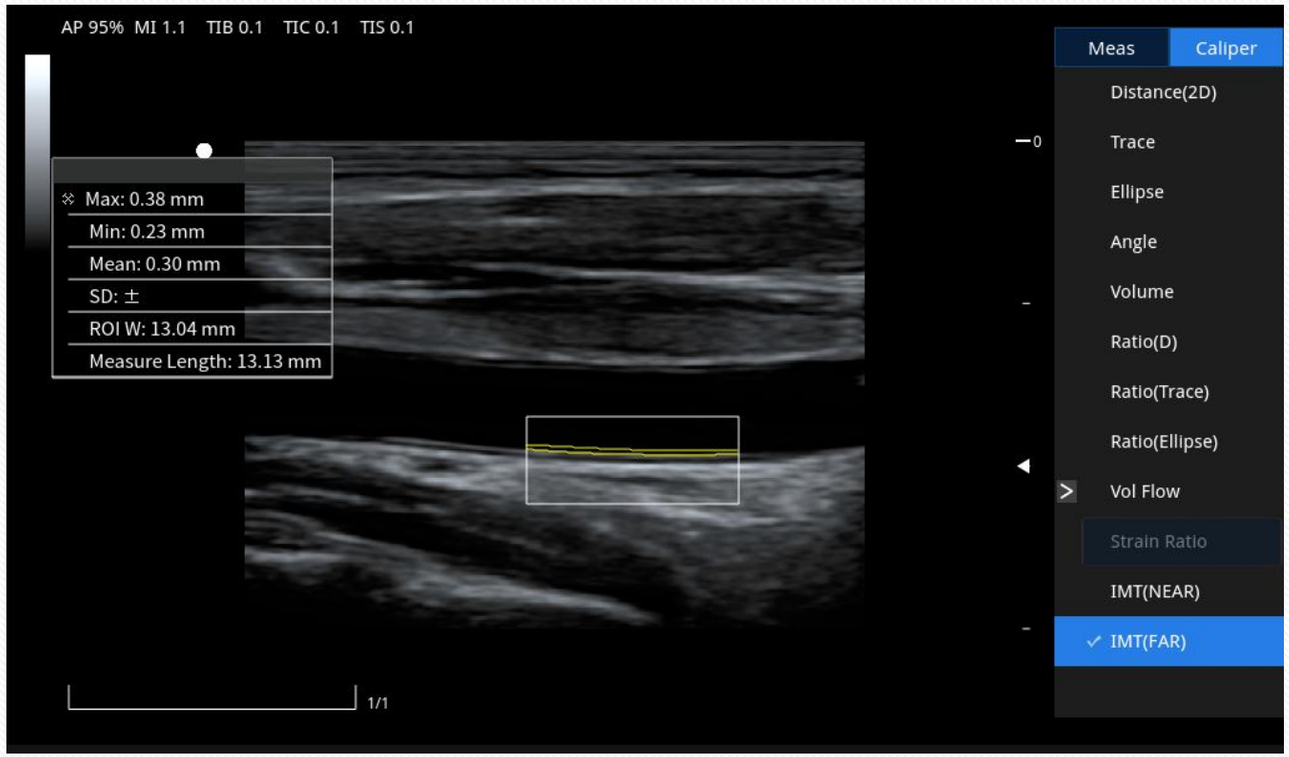
Auto IMT:

Automatic measurement of intima thickness

Automatic identification and measurement of intima thickness;

Trace range is manually adjustable;

The front and rear walls are measured on the same screen.



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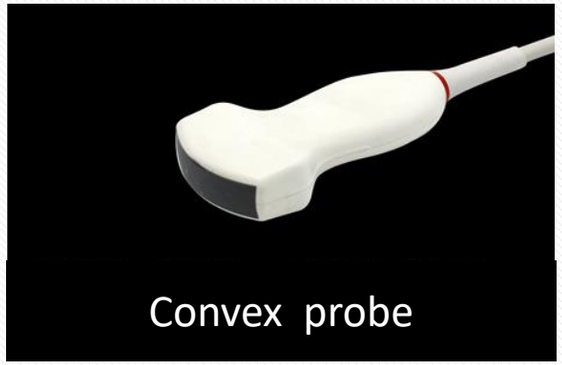
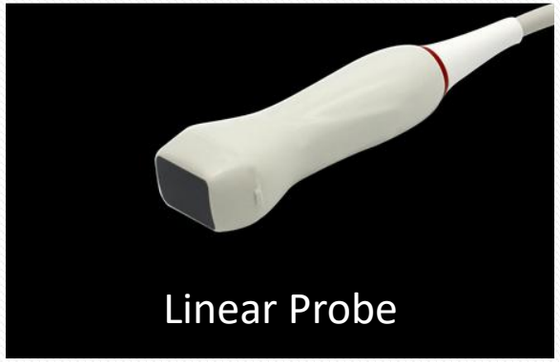
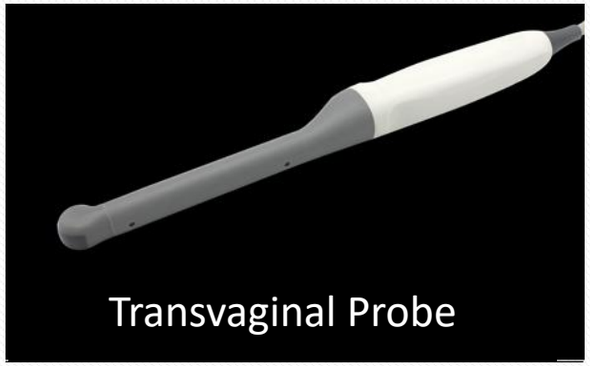
High performance Probe Group


Convex probe


Linear Probe


Phased Array Probe


Transvaginal Probe

Multiple Clinic Application

M5 has excellent performance and different applications according to user's different demands: Abdomen, Gynecology, Obstetrics, Cardiac, Urology, Vascular, Small parts, Orthopedic, Interventional, Emergency, Musculoskeletal, Nerve blocks, Thoracic cavity etc.

01	Abdomen	05	Cardiac
02	Gynecology	06	Vascular
03	Obstetrics	07	Small parts
04	Urology	08	Musculoskeletal

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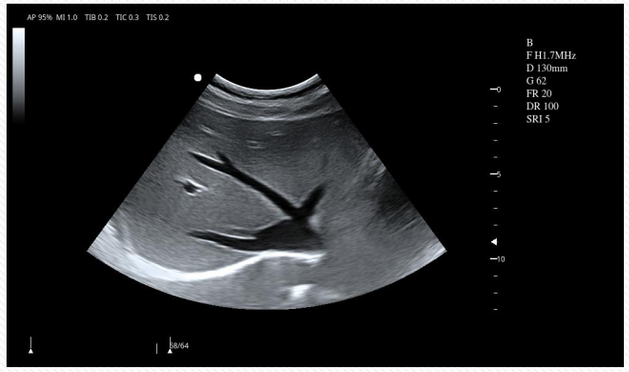
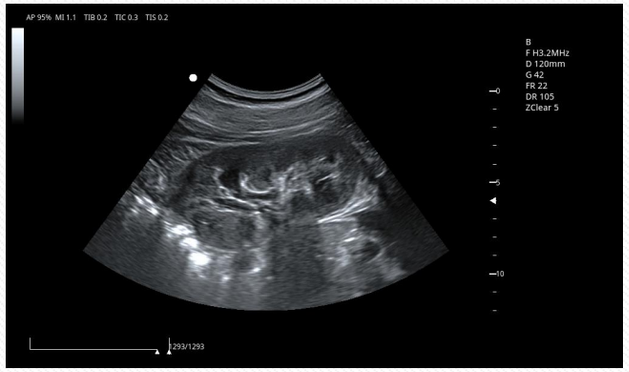
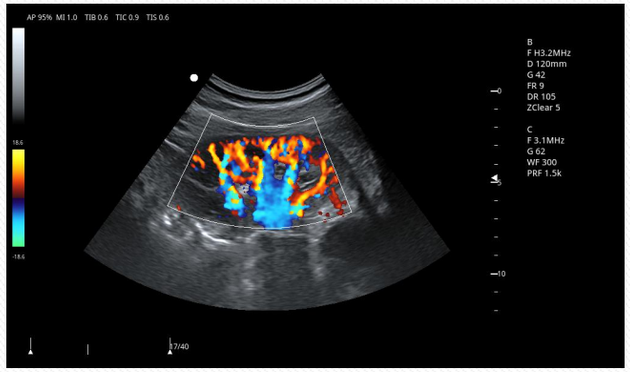
Imaging mode



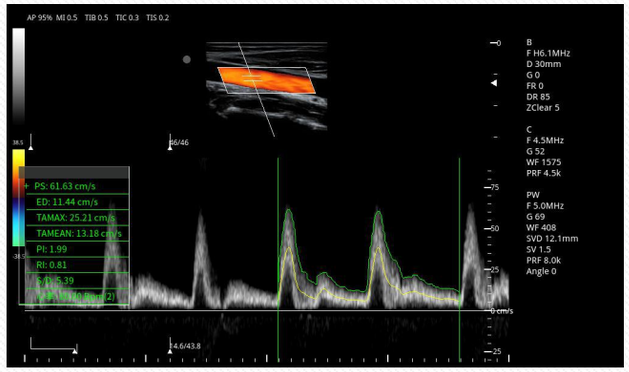
B mode in liver



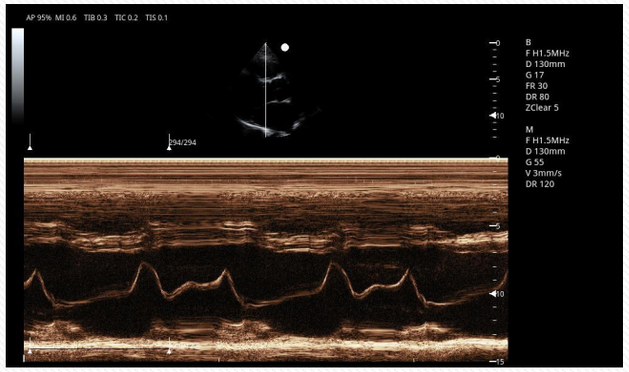
B mode in Kindey



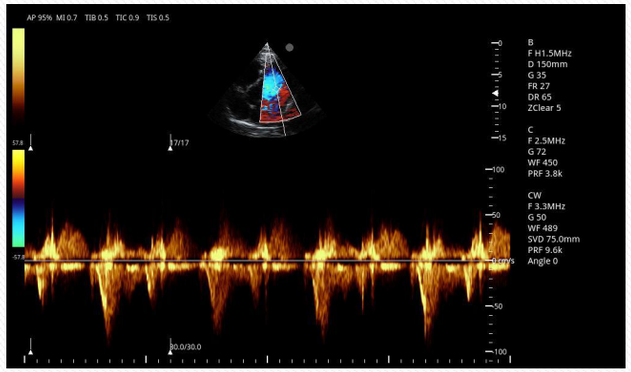
C mode in Kindey



PW mode in CCA



M mode in Cardiac



CW mode in Cardiac

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Clinical images appreciation

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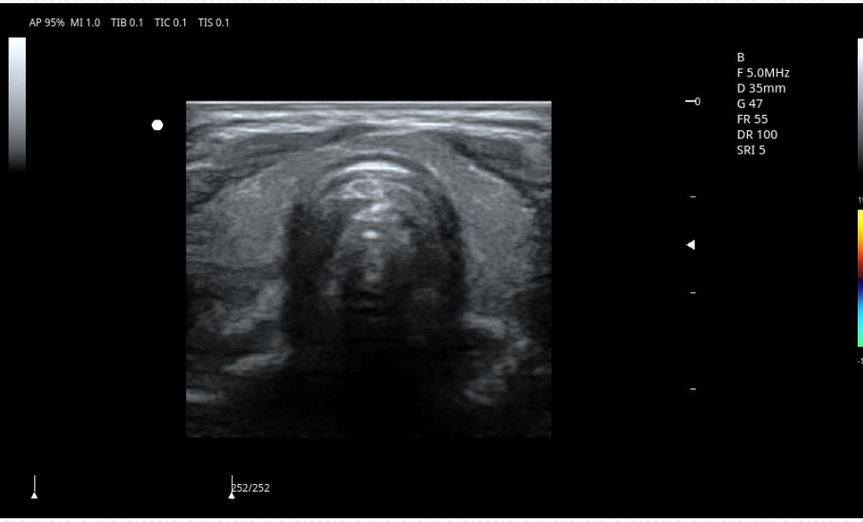
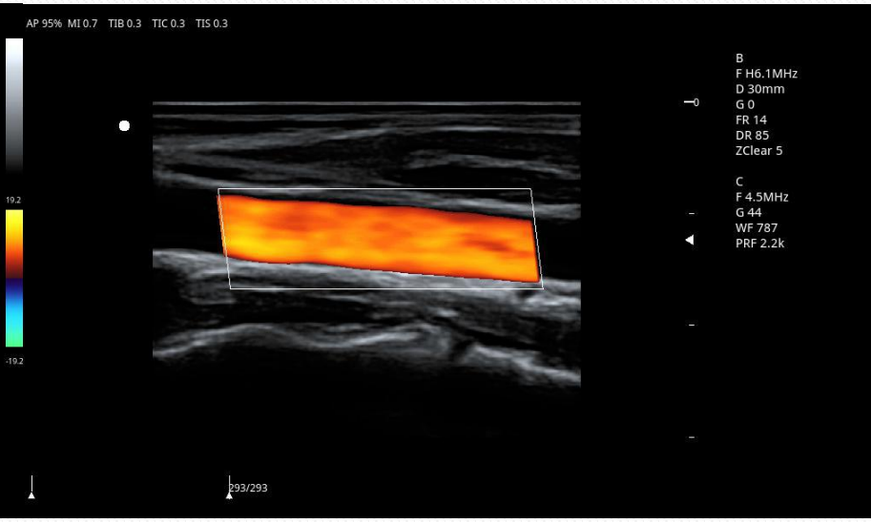
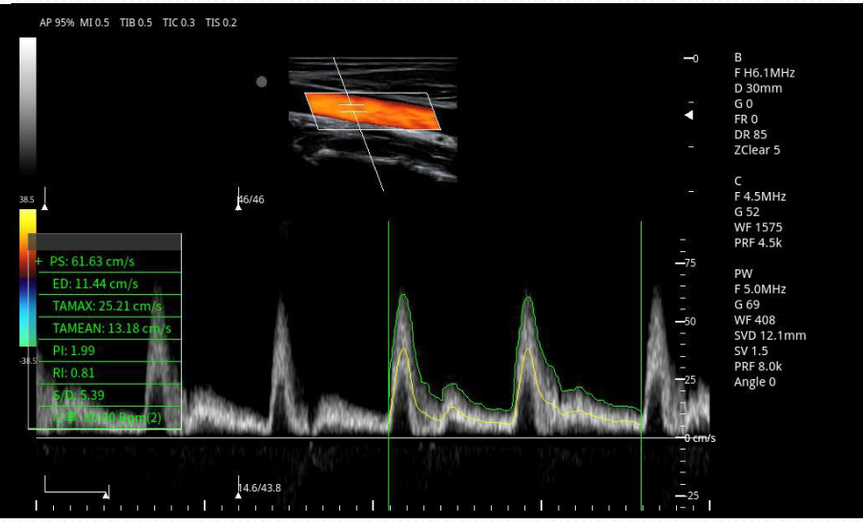
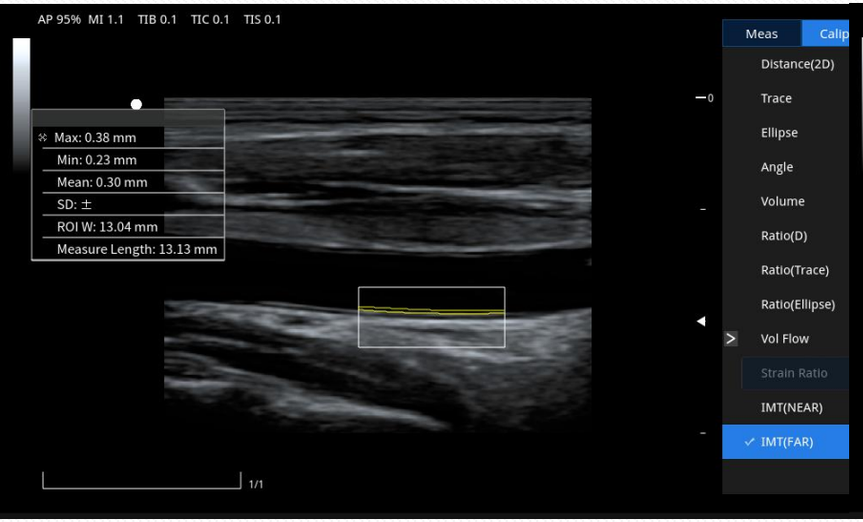
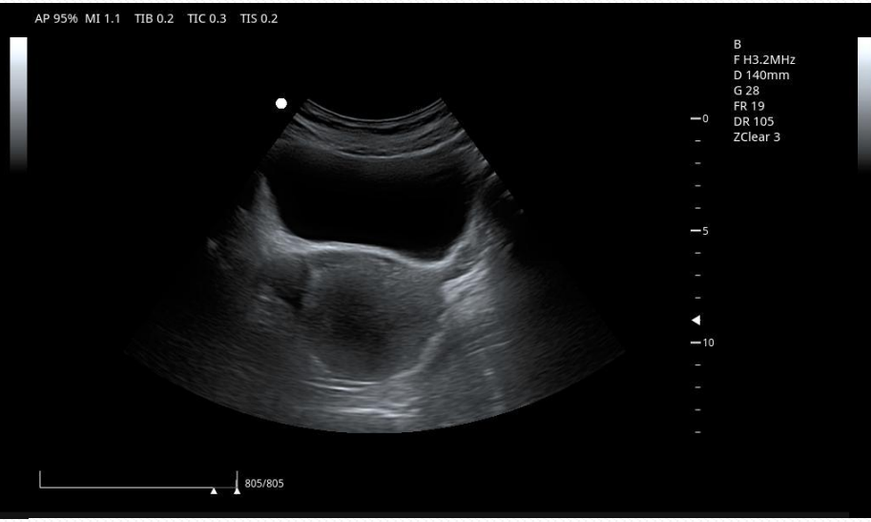
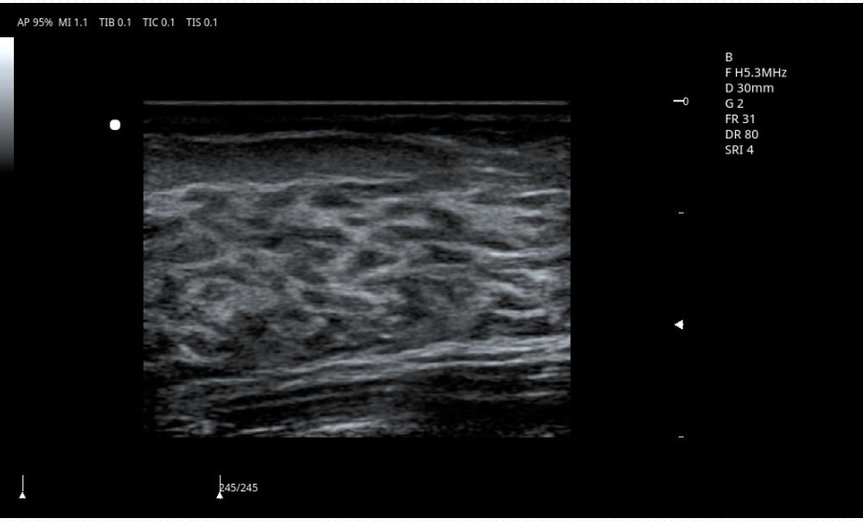

AP 95% MI 1.0 TIB 0.1 TIC 0.1 TIS 0.1
B
F 5.0MHz
D 35mm
G 47
FR 55
DR 100
SRI 5
252/252


AP 95% MI 0.7 TIB 0.3 TIC 0.3 TIS 0.3
B
F H6.1MHz
D 30mm
G 0
FR 14
DR 85
ZClear 5
C
F 4.5MHz
G 44
WF 787
PRF 2.2k
293/293


AP 95% MI 0.5 TIB 0.5 TIC 0.3 TIS 0.2
B
F H6.1MHz
D 30mm
G 0
FR 0
DR 85
ZClear 5
C
F 4.5MHz
G 52
WF 1575
PRF 4.5k
PW
F 5.0MHz
G 69
WF 408
SVD 12.1mm
SV 1.5
PRF 8.0k
Angle 0
PS: 61.63 cm/s
ED: 11.44 cm/s
TAMAX: 25.21 cm/s
TAMEAN: 13.18 cm/s
PI: 1.99
RI: 0.81
S/D: 5.39
46/46
14.6/43.8


AP 95% MI 1.1 TIB 0.1 TIC 0.1 TIS 0.1
Max: 0.38 mm
Min: 0.23 mm
Mean: 0.30 mm
SD: ±
ROI W: 13.04 mm
Measure Length: 13.13 mm
Meas
Calip
Distance(2D)
Trace
Ellipse
Angle
Volume
Ratio(D)
Ratio(Trace)
Ratio(Ellipse)
Vol Flow
Strain Ratio
IMT(NEAR)
IMT(FAR)
1/1


AP 95% MI 1.1 TIB 0.2 TIC 0.3 TIS 0.2
B
F H3.2MHz
D 140mm
G 28
FR 19
DR 105
ZClear 3
805/805


AP 95% MI 1.1 TIB 0.1 TIC 0.1 TIS 0.1
B
F H5.3MHz
D 30mm
G 2
FR 31
DR 80
SRI 4
245/245

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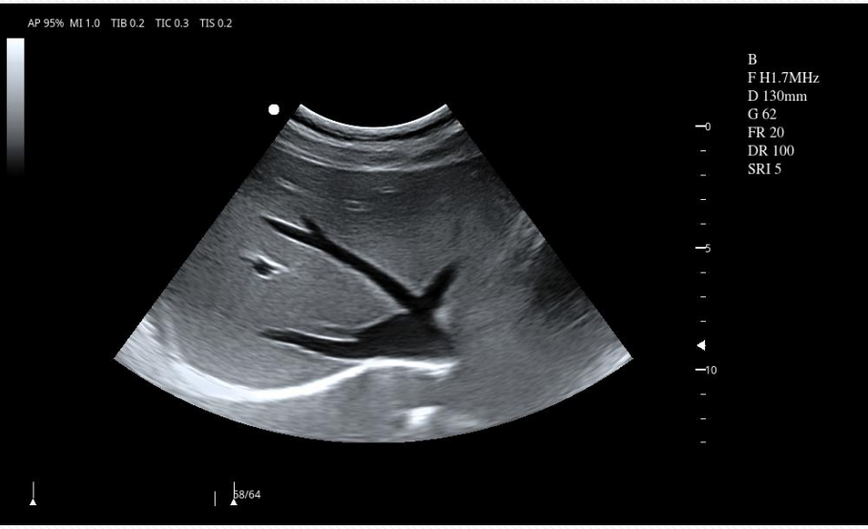
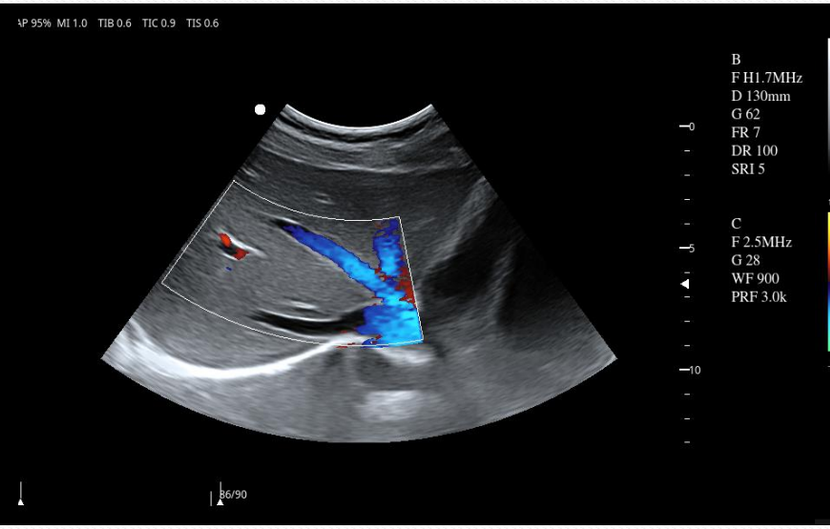
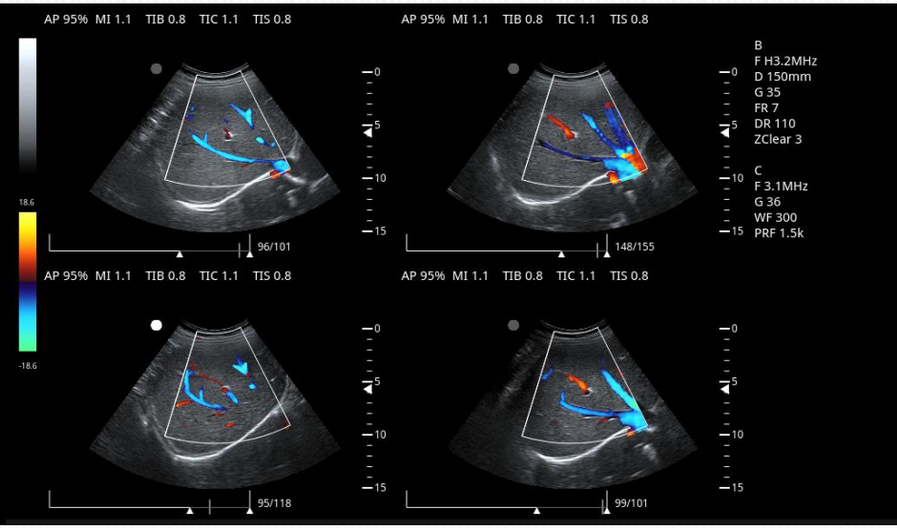
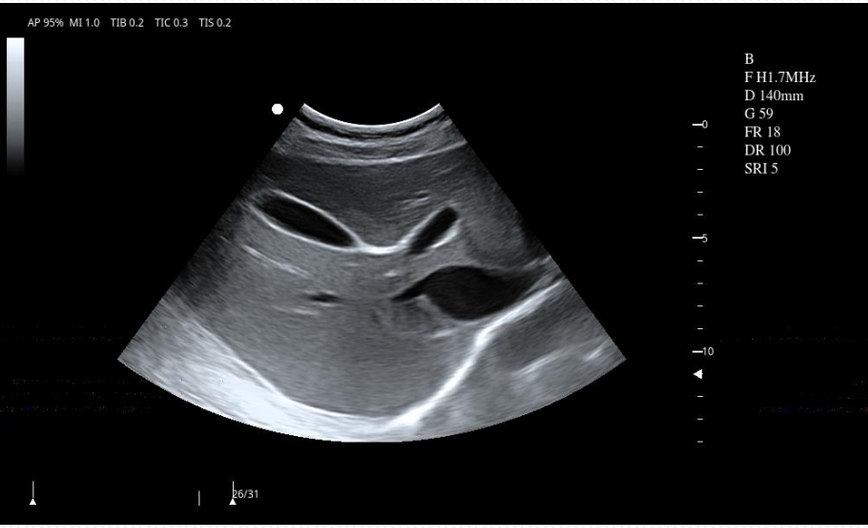
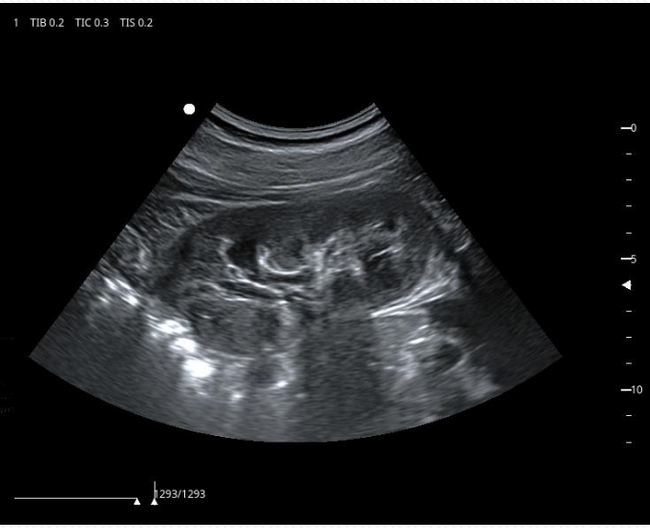
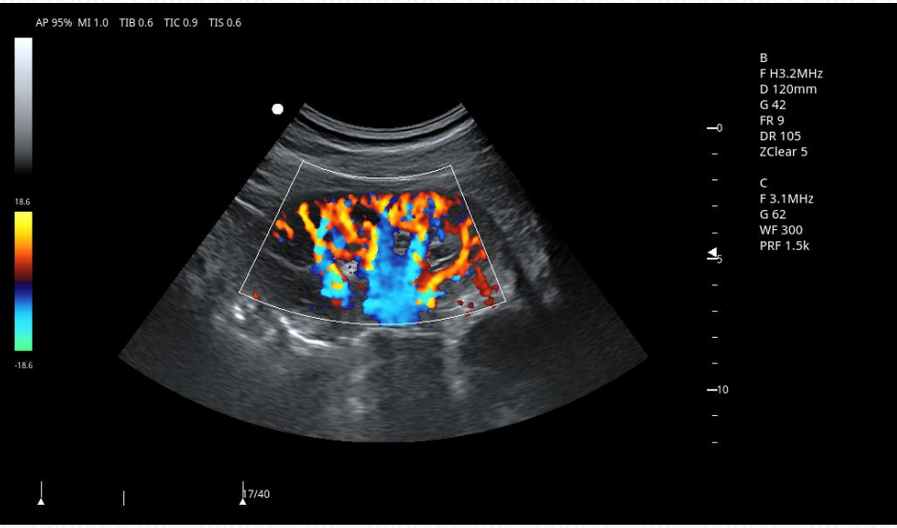

AP 95% MI 1.0 TIB 0.2 TIC 0.3 TIS 0.2
B
F H1.7MHz
D 130mm
G 62
FR 20
DR 100
SRI 5
38/64


AP 95% MI 1.0 TIB 0.6 TIC 0.9 TIS 0.6
B
F H1.7MHz
D 130mm
G 62
FR 7
DR 100
SRI 5
C
F 2.5MHz
G 28
WF 900
PRF 3.0k
86/90


AP 95% MI 1.1 TIB 0.8 TIC 1.1 TIS 0.8
AP 95% MI 1.1 TIB 0.8 TIC 1.1 TIS 0.8
B
F H3.2MHz
D 150mm
G 35
FR 7
DR 110
ZClear 3
C
F 3.1MHz
G 36
WF 300
PRF 1.5k
96/101
148/155
AP 95% MI 1.1 TIB 0.8 TIC 1.1 TIS 0.8
AP 95% MI 1.1 TIB 0.8 TIC 1.1 TIS 0.8
95/118
99/101


AP 95% MI 1.0 TIB 0.2 TIC 0.3 TIS 0.2
B
F H1.7MHz
D 140mm
G 59
FR 18
DR 100
SRI 5
26/31


1 TIB 0.2 TIC 0.3 TIS 0.2
B
F H3.2MHz
D 120mm
G 42
FR 22
DR 105
ZClear 5
1293/1293


AP 95% MI 1.0 TIB 0.6 TIC 0.9 TIS 0.6
B
F H3.2MHz
D 120mm
G 42
FR 9
DR 105
ZClear 5
C
F 3.1MHz
G 62
WF 300
PRF 1.5k
27/40

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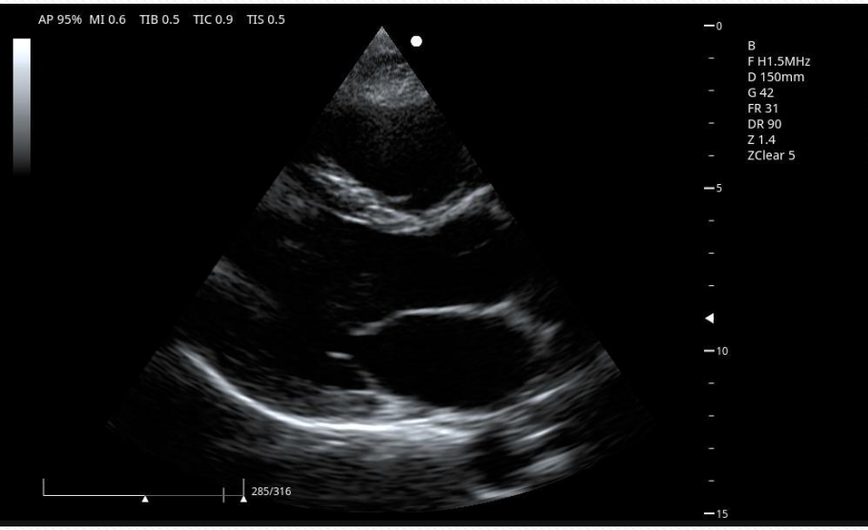
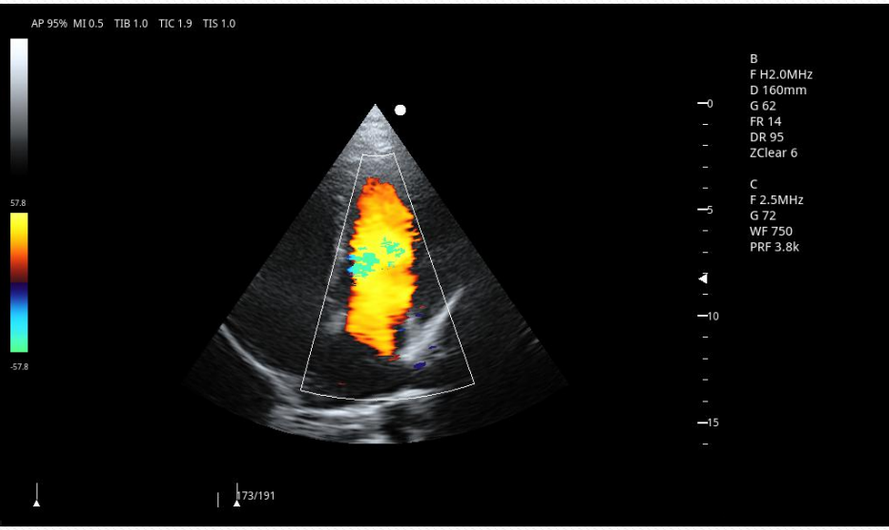
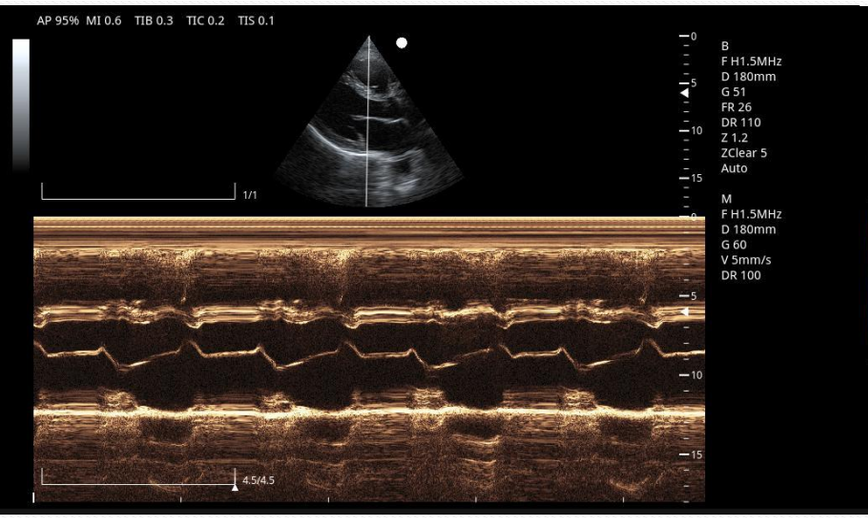
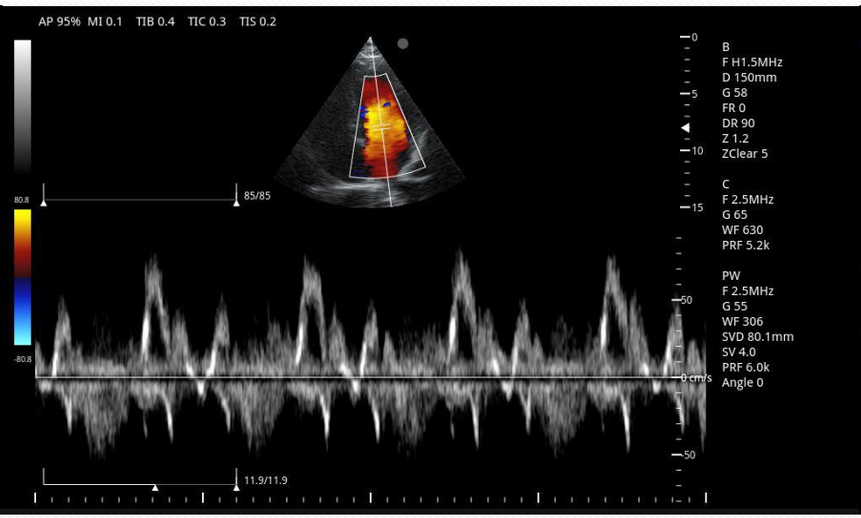
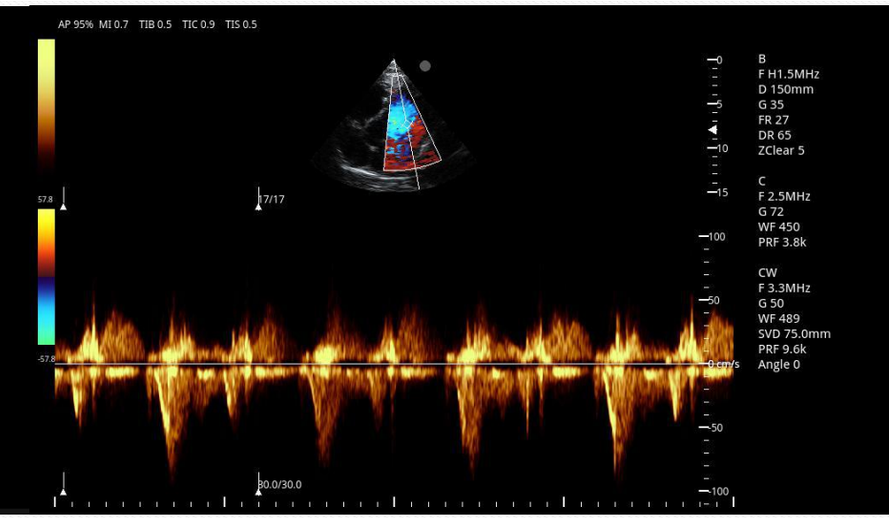

AP 95% MI 0.6 TIB 0.5 TIC 0.9 TIS 0.5
B
F H1.5MHz
D 150mm
G 42
FR 31
DR 90
Z 1.4
ZClear 5
285/316


AP 95% MI 0.6 TIB 0.5 TIC 0.9 TIS 0.5
B
F H1.5MHz
D 150mm
G 63
FR 31
DR 90
ZClear 5
1829/1829


AP 95% MI 0.5 TIB 1.0 TIC 1.9 TIS 1.0
B
F H2.0MHz
D 160mm
G 62
FR 14
DR 95
ZClear 6
C
F 2.5MHz
G 72
WF 750
PRF 3.8k
173/191


AP 95% MI 0.6 TIB 0.3 TIC 0.2 TIS 0.1
B
F H1.5MHz
D 180mm
G 51
FR 26
DR 110
Z 1.2
ZClear 5
Auto
M
F H1.5MHz
D 180mm
G 60
V 5mm/s
DR 100
1/1
4.5/4.5


AP 95% MI 0.1 TIB 0.4 TIC 0.3 TIS 0.2
B
F H1.5MHz
D 150mm
G 58
FR 0
DR 90
Z 1.2
ZClear 5
C
F 2.5MHz
G 65
WF 630
PRF 5.2k
PW
F 2.5MHz
G 55
WF 306
SVD 80.1mm
SV 4.0
PRF 6.0k
Angle 0
85/85
11.9/11.9


AP 95% MI 0.7 TIB 0.5 TIC 0.9 TIS 0.5
B
F H1.5MHz
D 150mm
G 35
FR 27
DR 65
ZClear 5
C
F 2.5MHz
G 72
WF 450
PRF 3.8k
CW
F 3.3MHz
G 50
WF 489
SVD 75.0mm
PRF 9.6k
Angle 0
7/17
80.0/30.0

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THANK YOU!