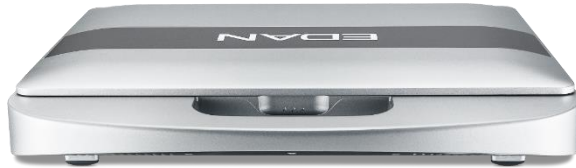




EDAN

A world of potential

Acclarix AX3



EDAN Instruments, Inc.

Ryan Granger

www.edan.com

Ryan.Granger@edannorthamerica.com

760-201-6367

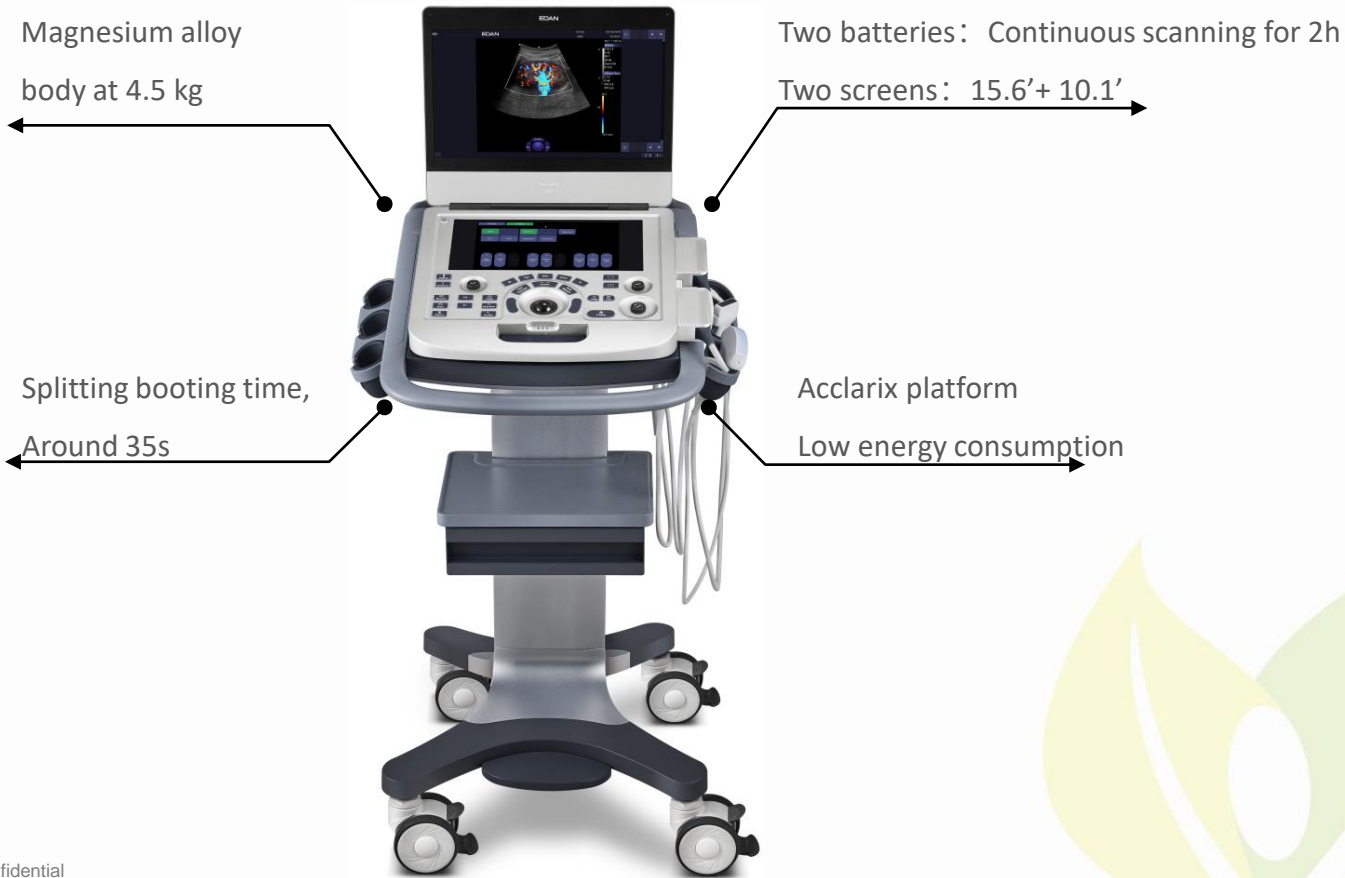
Distinctive design





- 15.6-inch LCD medical monitor with high resolution and 180-degree open angle.
- 10.1-inch sensitive touch screen releasing efficient operation at fingertip.
- Flexible transducer port configuration — Single and dual transducer ports available.





Outstanding Imaging Performance





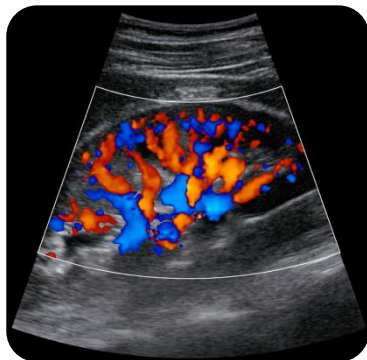
- TAI (Tissue adaptive imaging).
- eView (Spatial compound imaging and frequency compound imaging).
- PIH (Pulse inversion harmonic imaging).
- eSRI (Speckle reduction and edge enhancement imaging).
- Multi-beam forming technology.
- Advanced ET technology.

Tissue Adaptive Imaging

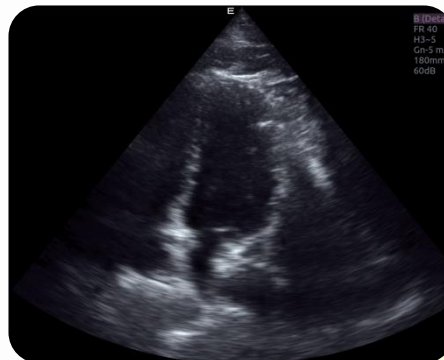
According to the actual ultrasonic signal in the organization being inspected, B mode and color parameters are automatically adjusted . Different proficiency of the operators can be in a very short time to obtain excellent consistent scanning results, improve scan efficiency.



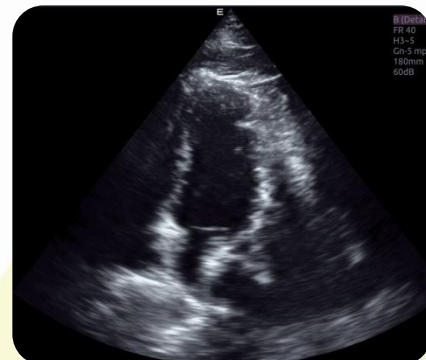
Color TAI OFF



Color TAI ON



2D TAI OFF

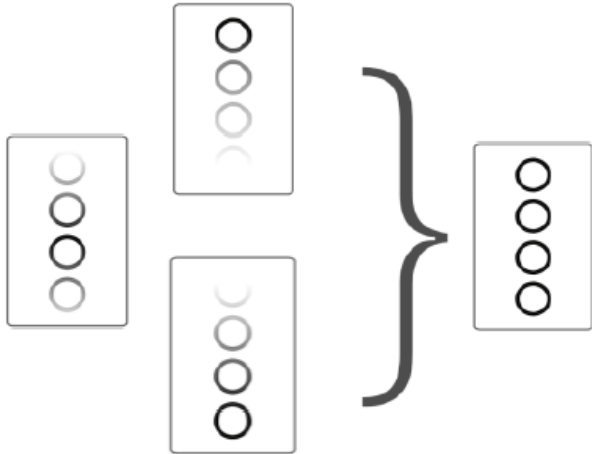


2D TAI ON

Adaptive Spatial Compound Imaging

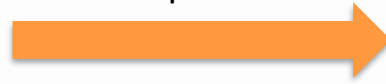
Frequency Compound Imaging

Higher frequency - Better resolution



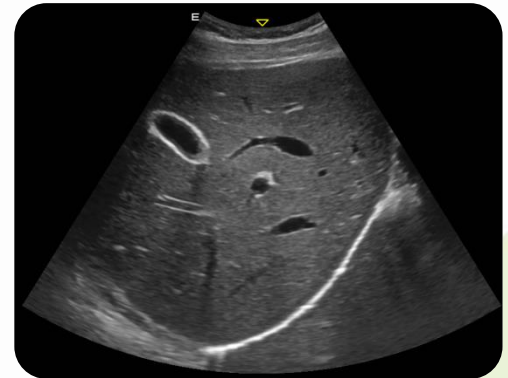
Lower frequency - Better penetration

Compound



FCI

Resolution + Penetration



Adaptive Spatial Compound Imaging

Frequency Compound Imaging

By steering the ultrasound beam, SCI is used to improve the contrast resolution, strengthen border detection, combined with a dramatic reduction of tissue speckle.



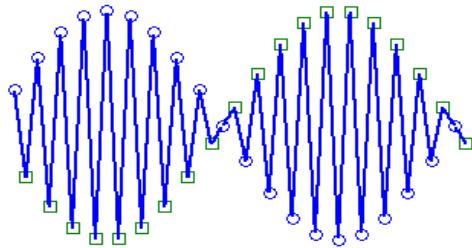
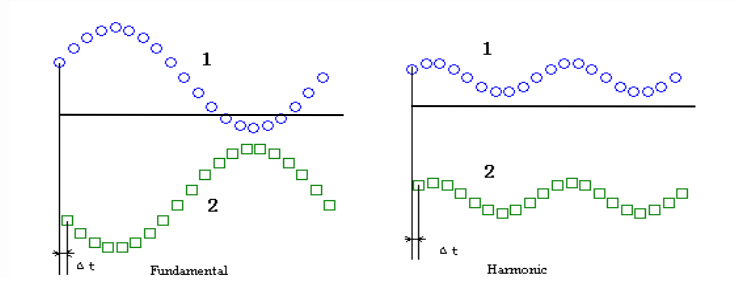
SCI OFF



SCI ON

Harmonic Imaging

Launches a reverse wave to offset the fundamental wave, thus maintains a maximum harmonic wave. With the increased harmonic signal, the image is defined by a better contrast resolution with minimum artifacts.



Fundamental echo is modulated

+

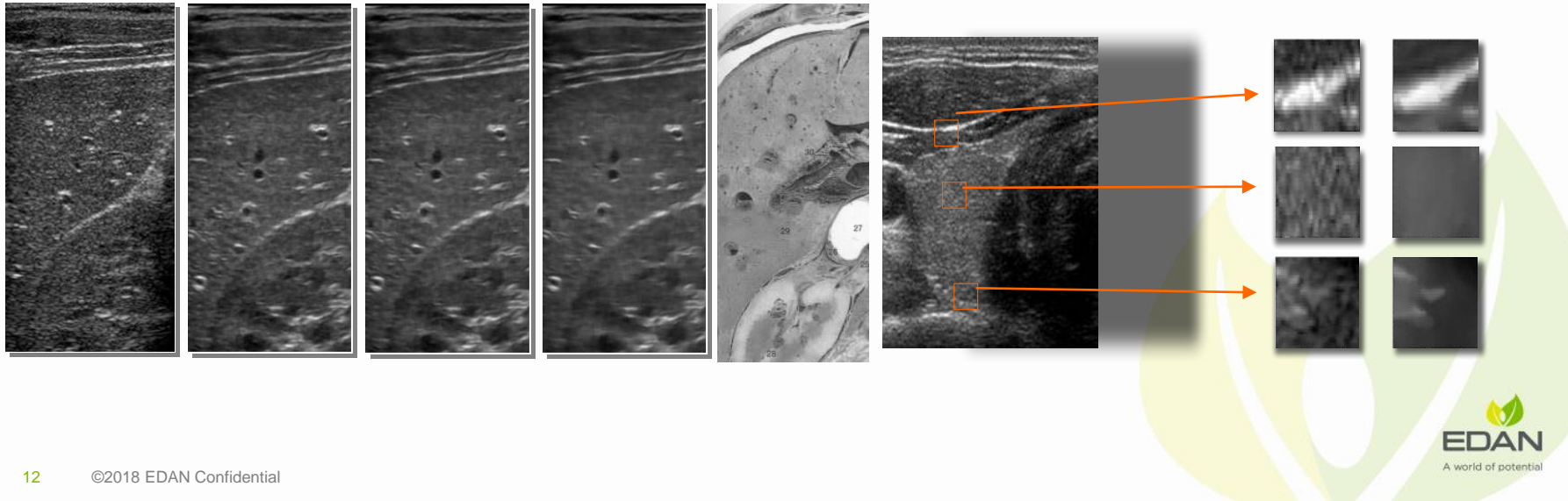


Harmonic echo is upsampled



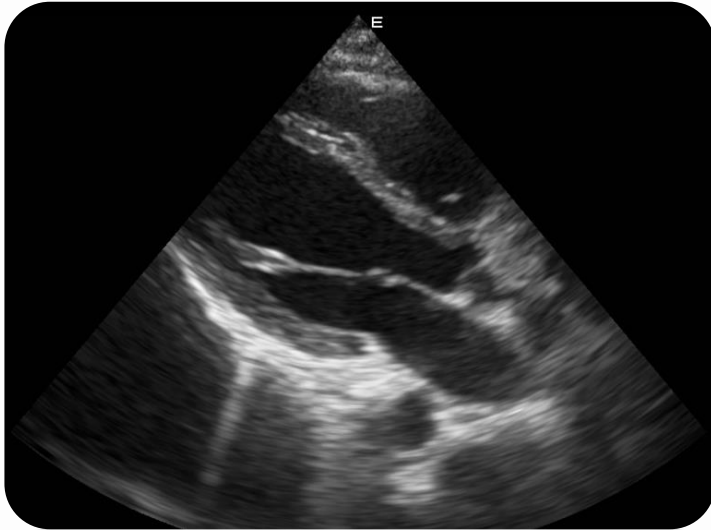
Adaptive Spackle Reduction Imaging

Eliminate the inherent noise spots, greatly improve the image clarity and contrast resolution. eSRI is currently the only noise technology that suppresses speckle completely, increasing signal-to-noise ratio and reflecting speed.

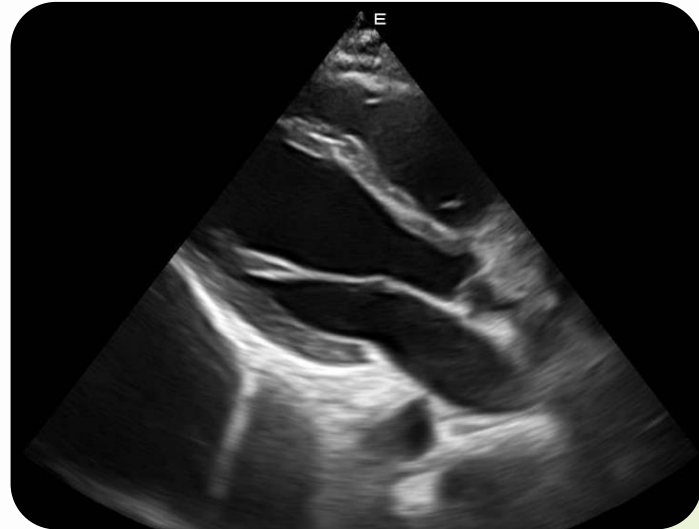


Adaptive Spackle Reduction Imaging

Eliminate the inherent noise spots, greatly improve the image clarity and contrast resolution, which providing more reliable diagnostic images.



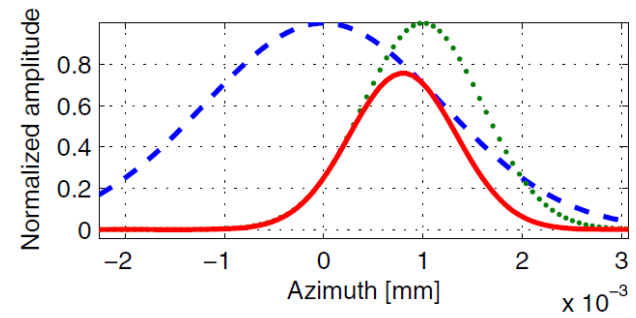
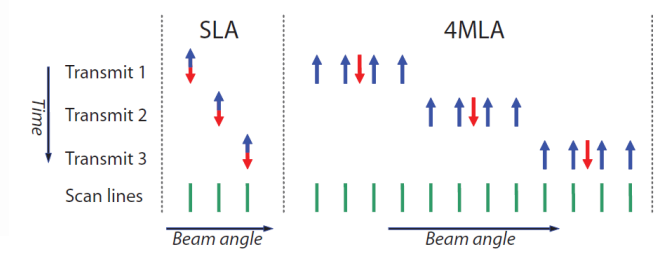
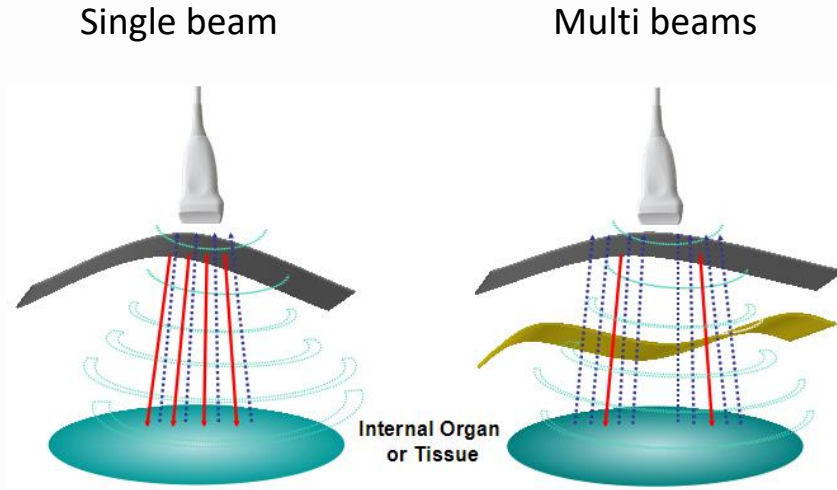
eSRI



New eSRI

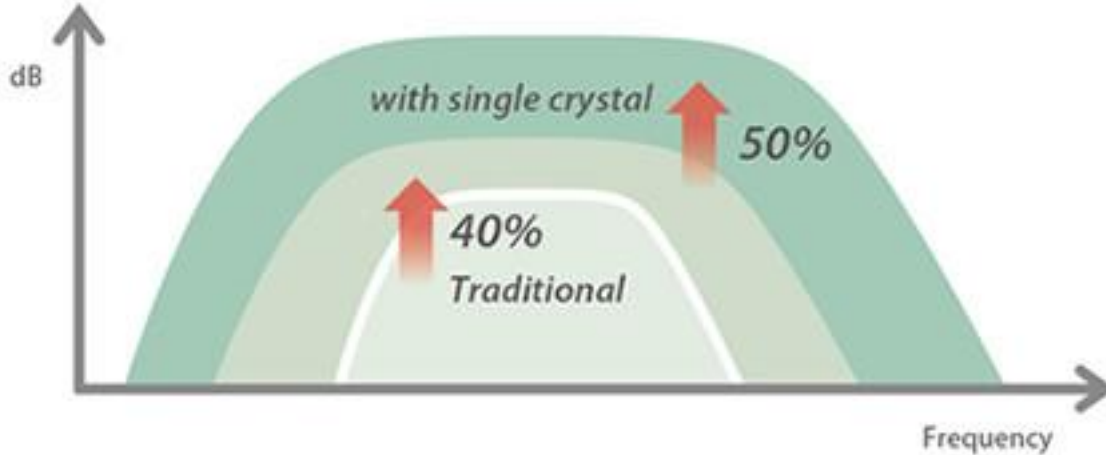
Digital Multi-Beam Forming

New generation beamforming algorithm, supporting 8 parallel beam processing, and integrating adaptive phase correction, dynamic aperture, greatly improving imaging resolution and frame rate.



Single Crystal Transducers

Advanced single crystal transducers technology providing wider bandwidth , higher sensitivity ,better penetration and higher S/N ratio.



Single Crystal Probe



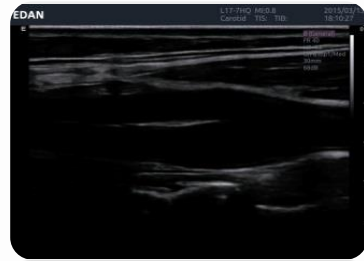
Acclarix
AX3

Smart Workflow

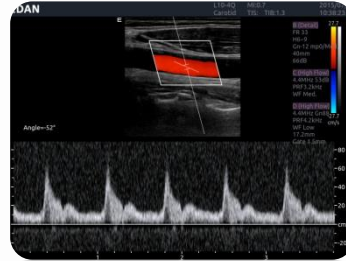
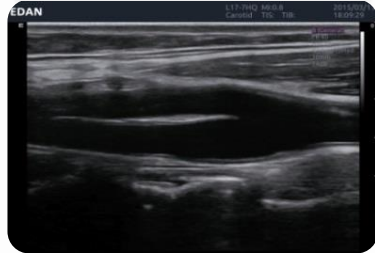
- Auto tools: eOptimized , PW auto trace ...
- High capacity storage with USB transfer.
- User friendly interface layout with accurate function division.
- ...



➤ One Key Imaging Optimization



B Mode



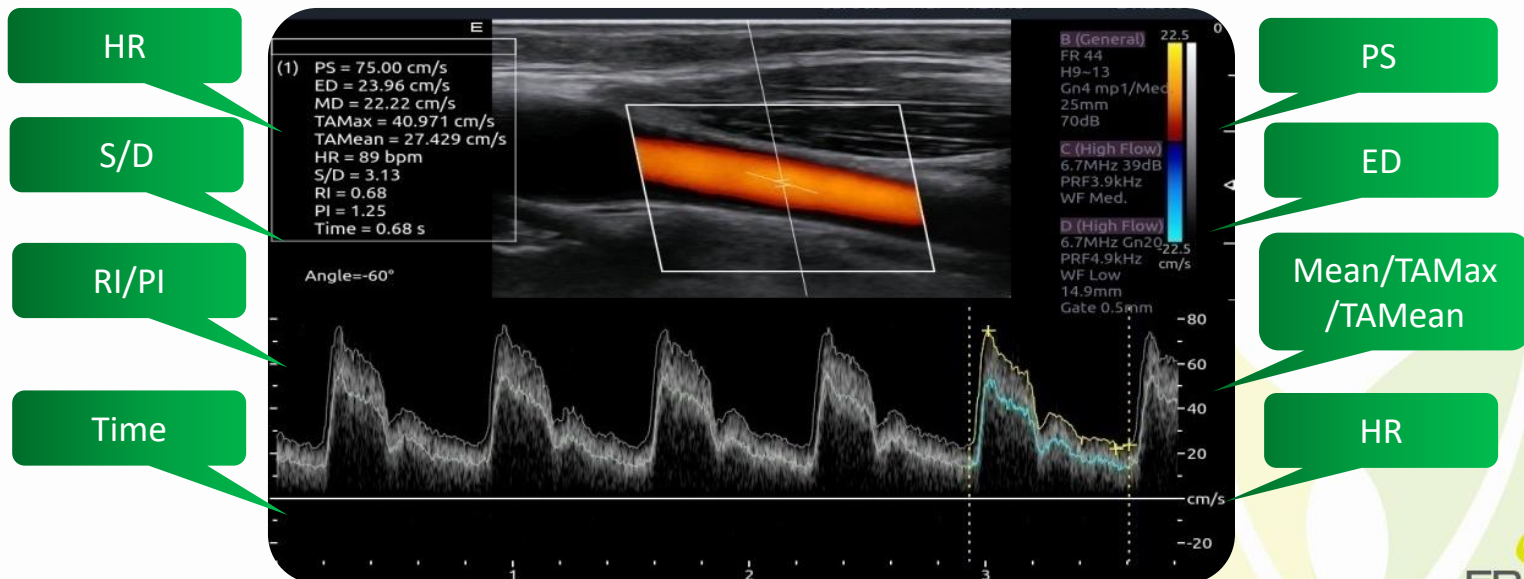
PW Mode



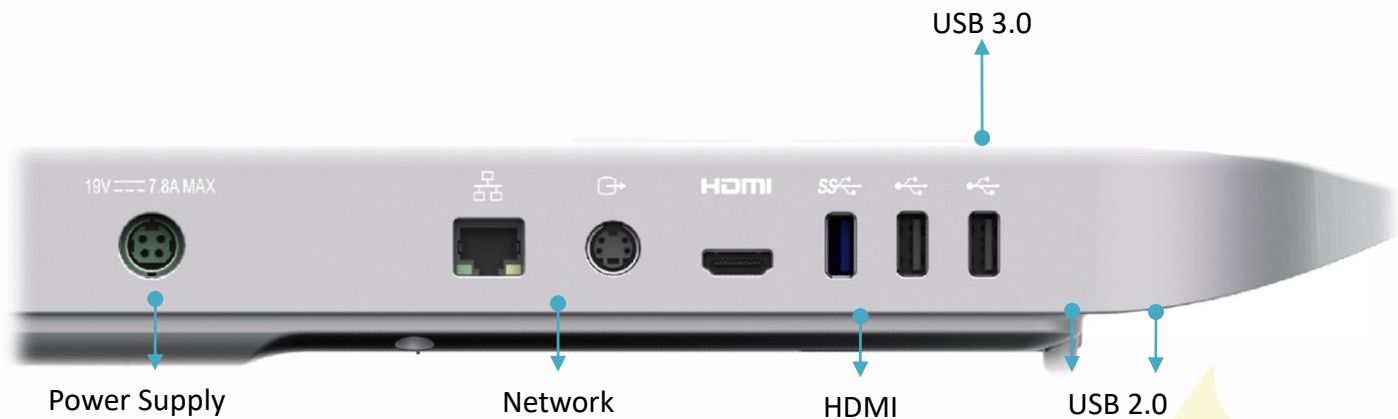
Auto

➤ Auto Trace

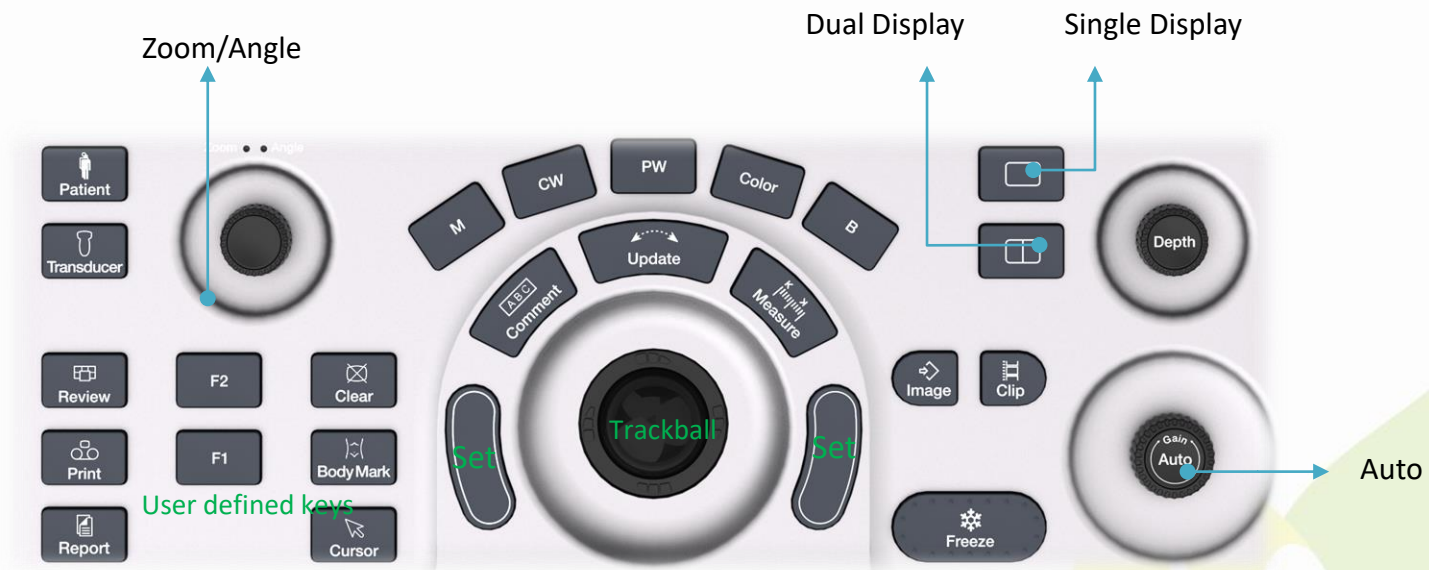
It can trace the PW/CW wave automatically, which can help doctors make measurements easily and conveniently.



➤ High capacity storage with USB transfer



➤ User friendly layout



Versatile Clinical Applications





- Relying on its lightweight design, outstanding image quality and intelligent workflow, Acclarix AX3 is an ideal portable ultrasound system for point of care area (supporting multi-angle needle guided bracket and out-of-plane needle guided bracket), as emergency, anesthesia, pain management, MSK, etc. Meanwhile, the Acclarix AX3 system provides veterinary version and specialized vet probes to satisfy farm and pet hospital needs.

Features

- Acoustic Zoom
- Full Screen Zoom
- 3D/4D
- ECG Module
- Elastography
- Panoramic Image
- Auto IMT
- Needle Visualization
- TDI
- Color M-mode
- Anatomical M-mode
- Auto OB
- Auto NT



Probe Configuration



L12-5HQ



L12-5Q



L17-7HQ



L17-7SQ



C5-1Q



C5-2Q



MC8-4Q



MC9-3TQ



C6-2MQ



P5-1Q



P7-3Q



E8-4Q



E10-3HQ



E10-3BQ

Image Gallery

EDAN

L12-5Q

10/18/2018

Carotid

20:26:40

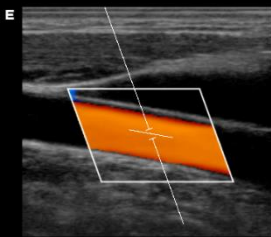
EDAN

L17-7Q

01/01/1990

Carotid

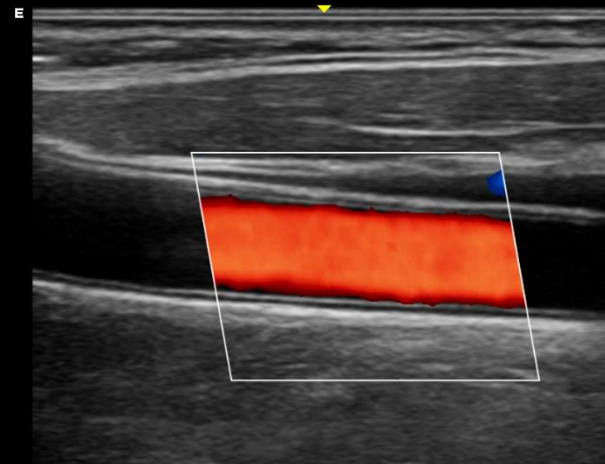
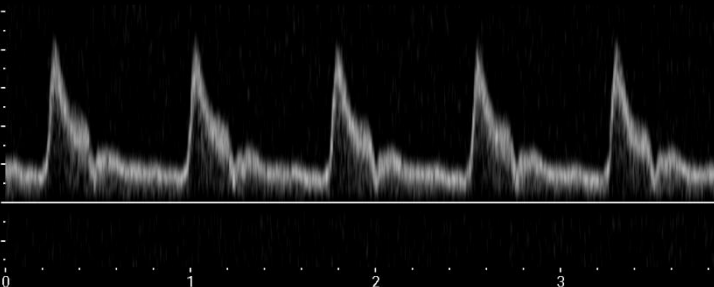
21:20:47



MI:0.6 TIB:0.0
 B (Det)
 F H7~12
 G 46
 FR 34
 DR 68
 Zoom 0.8
 D 3.5
 C (High Flow)
 F 4.7
 G 65
 PRF 4.6
 WF Low

Angle=-60°

100
 80
 60
 40
 20
 0
 -20
 -40
 -60
 -80
 -100
 37.7
 D (High Flow)
 F 4.7
 G 38
 PRF 4.2
 WF Low
 GD 20.4
 GS 1.5
 -37.7 cm/s



MI:0.8 TIB:0.4
 B (Gen)
 F H10~17
 G 53
 FR 39
 DR 66
 Zoom 0.8
 D 3.0
 C (High Flow)
 F 6.2
 G 59
 PRF 3.2
 WF Low

2
 18.4
 3
 -18.4 cm/s

EDAN

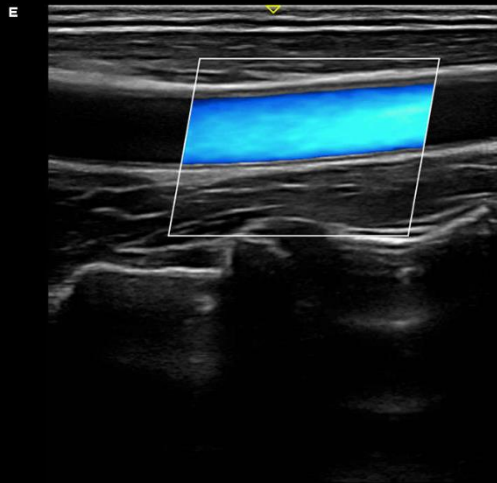
L17-7Q
Carotid

10/18/2018
21:20:19

EDAN

L17-7Q
Carotid

01/01/1990
21:17:31



MI:0.8 TIB:0.4

B (Gen)

F H10~17
G 49
FR 38
DR 68
Zoom 0.9
D 4.0

C (High Flow)

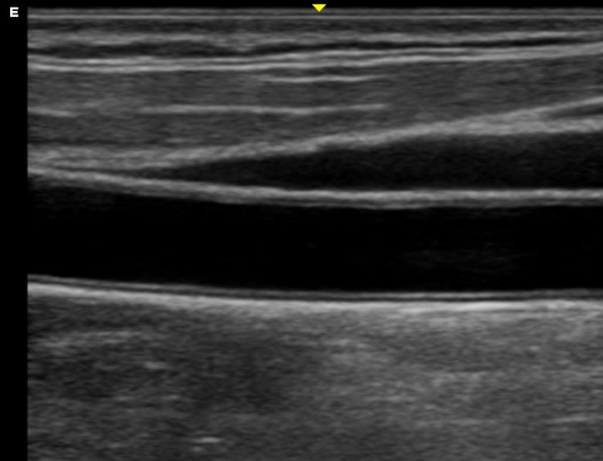
F 6.2
G 28
PRF 3.2
WF Low

18.4

3

4

-18.4 cm/s



MI:1.1 TIB:0.8

B (Gen)

F H10~17
G 53
FR 45
DR 66
Zoom 0.8
D 3.0

3

EDAN

L12-5Q
甲状腺

10/18/2018
16:15:44

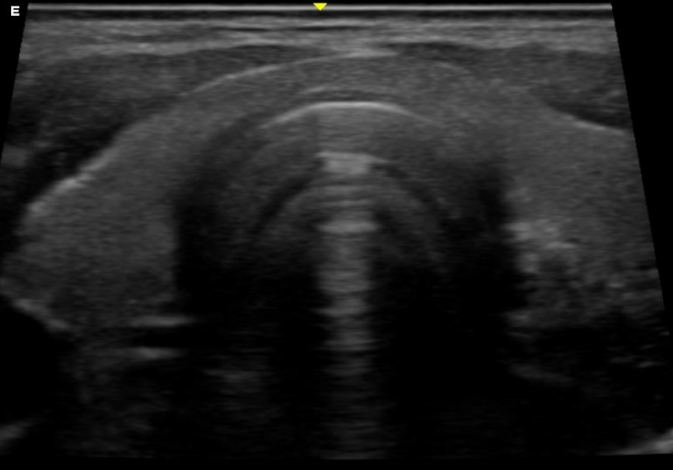
EDAN

L12-5Q
MSK

10/18/2018
21:17:10

MI:1.2 TIB:1.0
B (Det)
FH7~12
G 44
FR 29
DR 78
Zoom 0.8
D 3.0

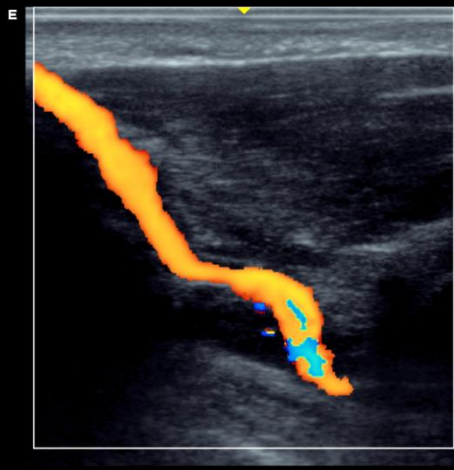
0
1
2
3



MI:1.2 TIB:0.0
B (Det)
FH7~12
G 56
FR 10
DR 68
Zoom 0.8
D 4.0

0
1
2
3
4
7.4
-7.4 cm/s

C (Low Flow)
F 5.7
G 45
PRF 1.1
WF Med.



EDAN

L12-5Q
Nerve

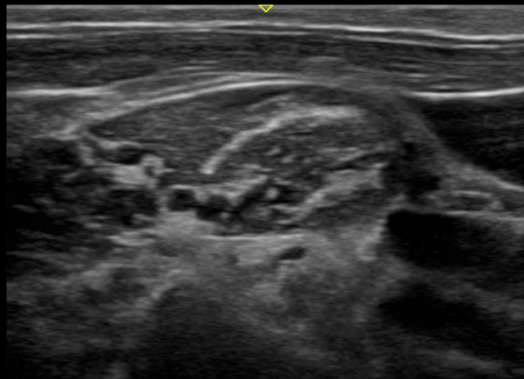
10/18/2018
21:28:50

EDAN

L17-7Q
Sup MSK

10/18/2018
21:27:16

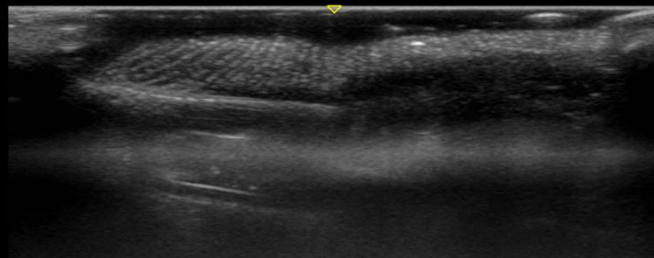
E



MI:1.2 TIB:0.9

0
B (Det)
FH7~12
G 46
FR 28
DR 74
Zoom 0.9
D 3.5
1
2
3

E



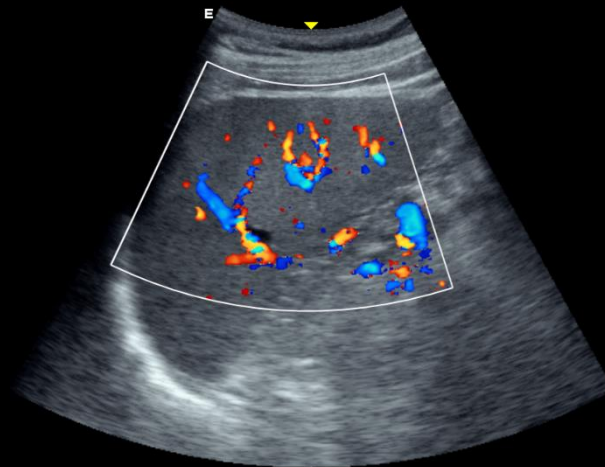
0
0.5
1
1.5

MI:1.0 TIB:0.7

B (Gen)
FH10~17
G 59
FR 88
DR 66
Zoom 0.9
D 1.5



MI:1.4 TIB:0.0
B (Gen)
 F H3~5
 G 51
 FR 21
 DR 66
 Zoom 0.8
 D 16.0



MI:1.1 TIB:0.0
B (Gen)
 F H3~5
 G 43
 FR 6
 DR 66
 Zoom 0.8
 D 14.0
C (Low Flow)
 F 2.5
 G 54
 PRF 0.8
 WF Low

12.3
 10
 -12.3 cm/s

EDAN

C5-2Q

Urology

01/01/1990

01:22:37

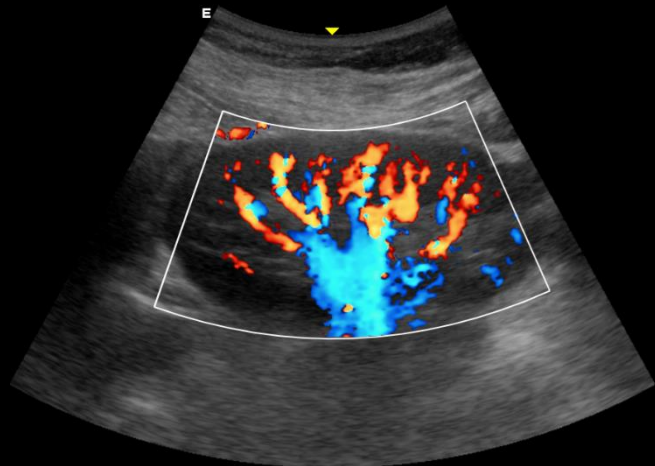
EDAN

C5-2Q

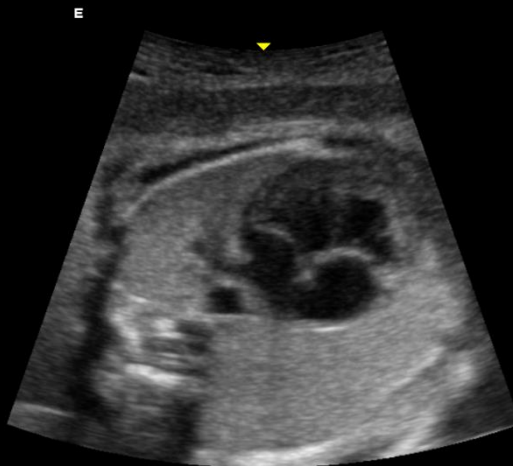
中晚孕

10/23/2018

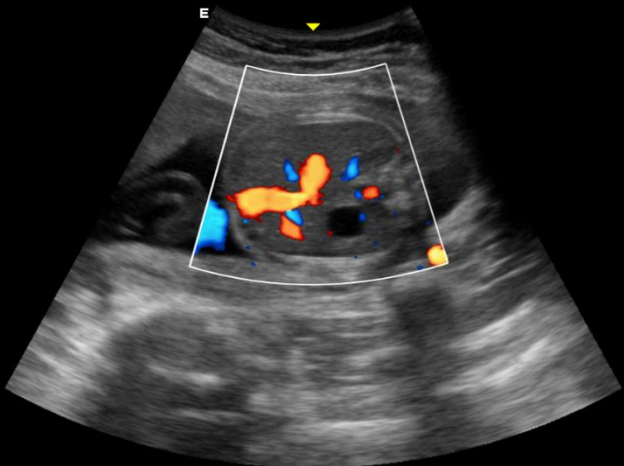
13:52:53



MI:1.2 TIB:0.0
B (Det)
 F H3~5
 G 40
 FR 8
 DR 62
 Zoom 0.8
 D 11.0
C (Low Flow)
 F 3.0
 G 50
 PRF 1.1
 WF Low
 14.1
 10
 -14.1 cm/s



MI:1.3 TIB:0.0
B (Gen)
 F H3~5
 G 46
 FR 28
 DR 60
 Zoom 0.8
 D 7.0



MI:1.1 TIB:0.0

B (Gen)
 F H3~5
 G 42
 FR 9
 DR 64
 Zoom 0.8
 D 13.0

C (Mid Flow)
 F 2.5
 G 51
 PRF 1.1
 WF Med.

16.9
 10
 -16.9 cm/s



MI:1.4 TIB:0.0

B (Gen)
 F H3~5
 G 42
 FR 12
 DR 52
 Zoom 0.8
 D 13.0

10

EDAN

C5-2Q
中晚孕

10/23/2018
14:02:35

EDAN

C5-2Q
中晚孕

10/23/2018
14:04:30

E

MI:1.3 TIB:0.0

B (Gen)

F H3~5

G 45

FR 13

DR 60

D 12.0

0

5

10

E

MI:1.3 TIB:0.0

B (Gen)

F H3~5

G 41

FR 11

DR 70

Zoom 0.9

D 15.0

0

5

10

15

EDAN

C6-2MQ
OB

10/23/2018
01:05:40

EDAN

C5-2Q
中晚孕

10/23/2018
14:16:06



MI:1.4 TIB:0.0
B(Gen)
F H3~5
G 49
FR 21
DR 56
Zoom 0.8
D 16.0
Static 3D
Q High
A 65°
Surface
Zoom 1.5



MI:1.2 TIB:0.0
B(Gen)
F H3~5
G 38
FR 12
DR 56
Zoom 0.9
D 13.0

EDAN

E8-4Q
GYN

01/03/1990
00:19:08

EDAN

C6-2MQ
OB

10/23/2018
01:05:40

E

MI:1.4 TIB:0.5
B (Det)
FH5~8
G 57
FR 19
DR 78
Zoom 0.8
D 6.0

MI:1.4 TIB:0.0
B(Gen)
FH3~5
G 49
FR 21
DR 56
Zoom 0.8
D 16.0
Static 3D
Q High
A 65°
Surface
Zoom 1.5



EDAN

E8-4Q
GYN

01/03/1990
00:19:56

EDAN

P5-1Q
成人心脏

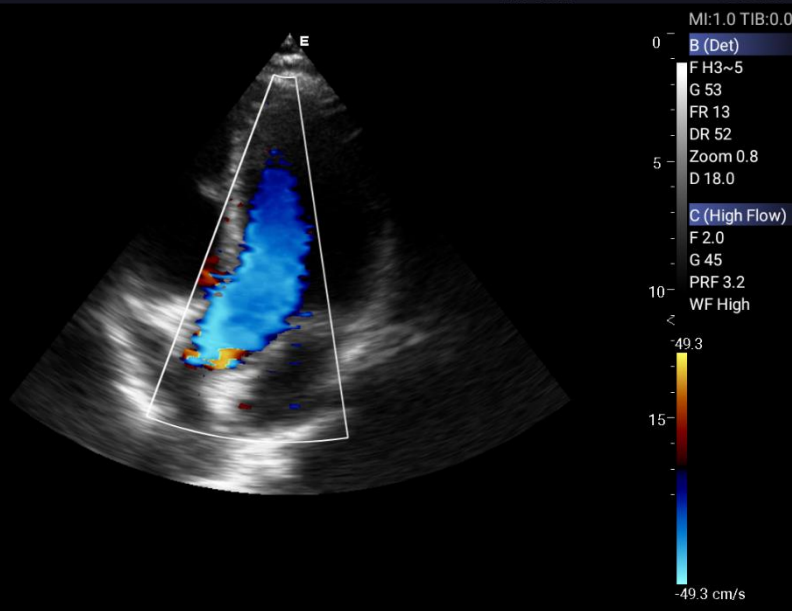
10/18/2018
16:03:53



Ml:1.4 TIB:0.6

B (Det)

F H5~7
G 57
FR 19
DR 78
Zoom 0.8
D 6.0



Ml:1.0 TIB:0.0

B (Det)

F H3~5
G 53
FR 13
DR 52
Zoom 0.8
D 18.0
C (High Flow)
F 2.0
G 45
PRF 3.2
WF High

49.3

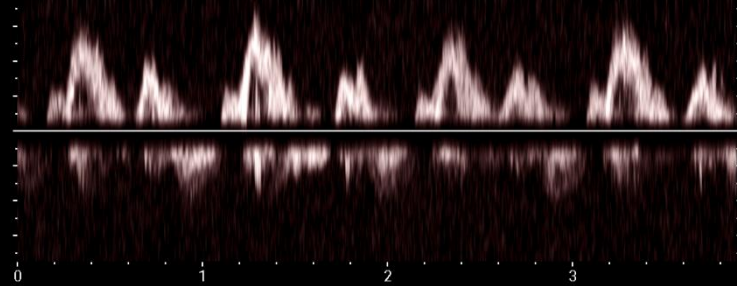
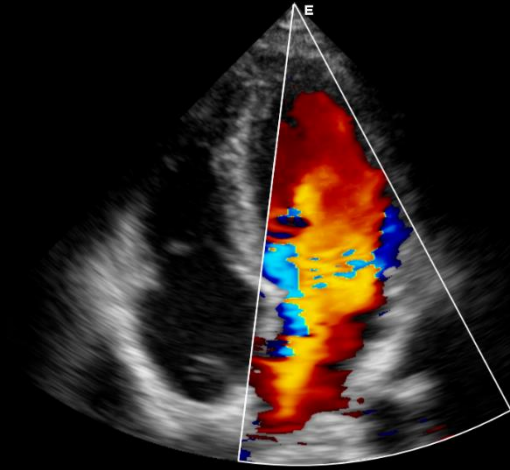
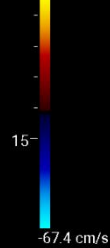
15

-49.3 cm/s

MI:0.9 TIB:0.0

- B (Det)
- F H3~5
- G 40
- FR 14
- DR 74
- Zoom 0.8
- D 15.0
- C (High Flow)
- F 2.5
- G 41
- PRF 3.5
- WF High

10 <67.4

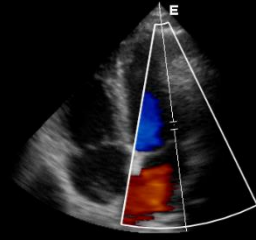
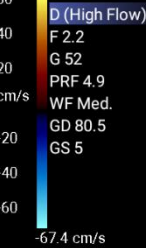


MI:0.8 TIB:0.0

- B (Det)
- F H3~5
- G 36
- FR 18
- DR 80
- Zoom 0.8
- D 15.0
- C (High Flow)
- F 2.5
- G 40
- PRF 3.5
- WF High

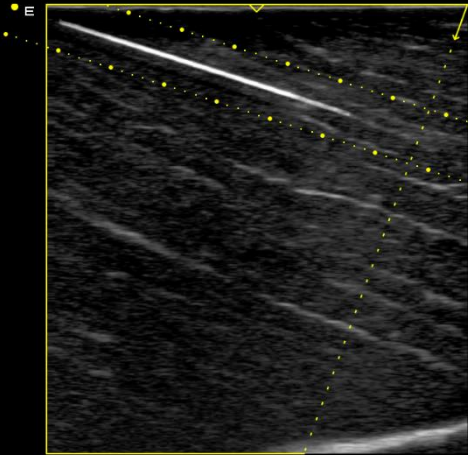
Angle=0°

67.4



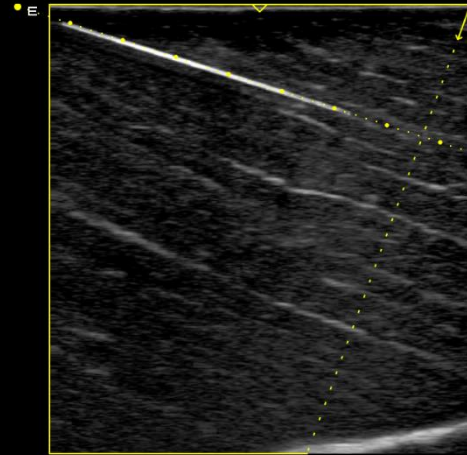
MI:1.2 TIB:0.9

B (Det)
F H7~12
G 46
FR 28
DR 74
Zoom 0.9
D 3.5



MI:1.2 TIB:0.9

B (Det)
F H7~12
G 46
FR 28
DR 74
Zoom 0.9
D 3.5





A world of potential

THANK YOU

Edan Instruments, Inc.

Ella.wang

www.edan.com

Ella.wang@edan.com

2020.04.30