SonoScape

Caring for Life through Innovation

SonoScape
Caring for Life Through Innovation

S2

Smart Color System, Discovering Your Outstanding Value

1 Confident System Performance

2 New System, Smart Workflow

3 Various Diagnostic Applications

4 Unique Marketing Competence

Confident System Performance

SonoScape
Caring for Life through Innovation

- Ergonomic Design
- Advanced Technologies

Two transducer holders

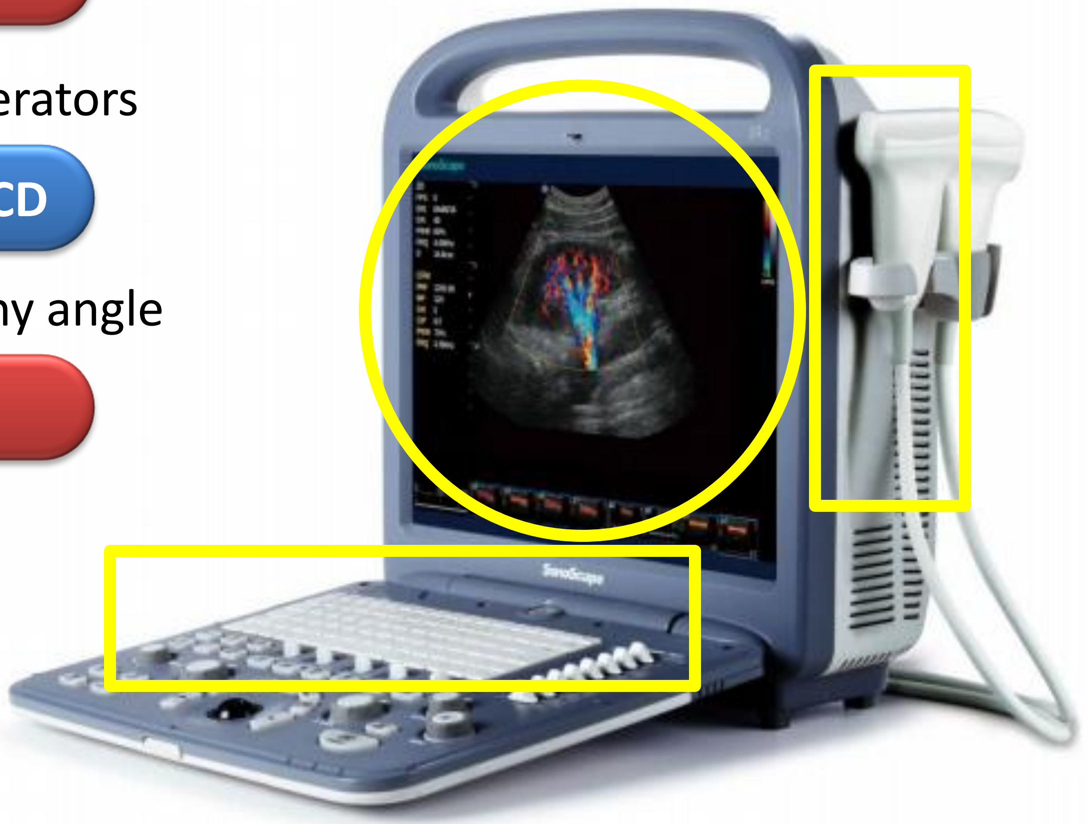
●Increases satisfaction for operators

15 crystal high definition LCD

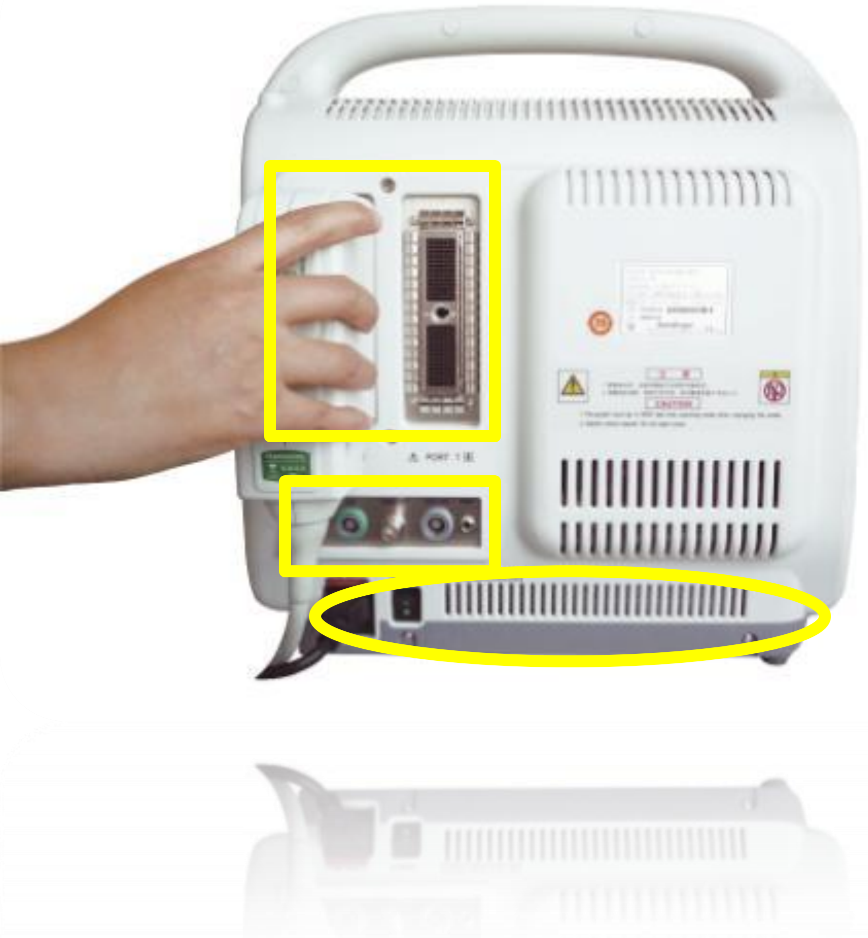
●Provides clear image from any angle

Standarded PC keyboard

●Enhance the input efficiency



Confident System Performance



Two transducer sockets

●Relieves the trouble of changing transducer frequently

Abundant connection interfaces

●Svideo, VGA, Video, LAN, Print, Audio, ECG, USB, DICOM 3

Built-in Li-ion Battery

●Ensures the stable diagnosis more than one and a half hour

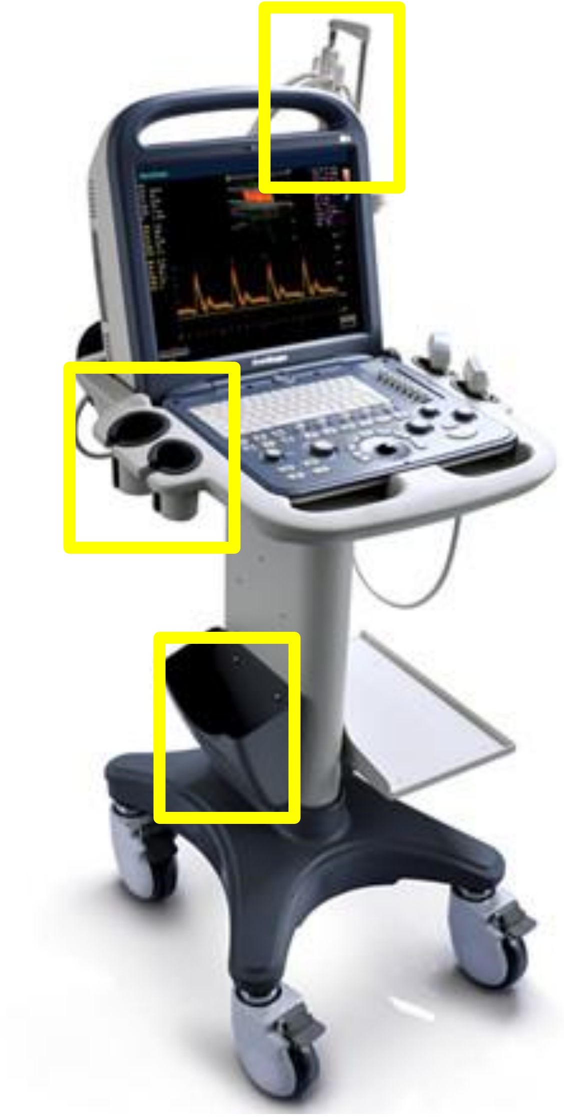
Confident System Performance

- Ergonomic Design
- Advanced Technologies

Convertible with high mobility

Confident System Performance

- Ergonomic Design
- Advanced Technologies



Slim and compact trolley design

Four holders on-board

Transducer cable holders

Standby Transducer Container

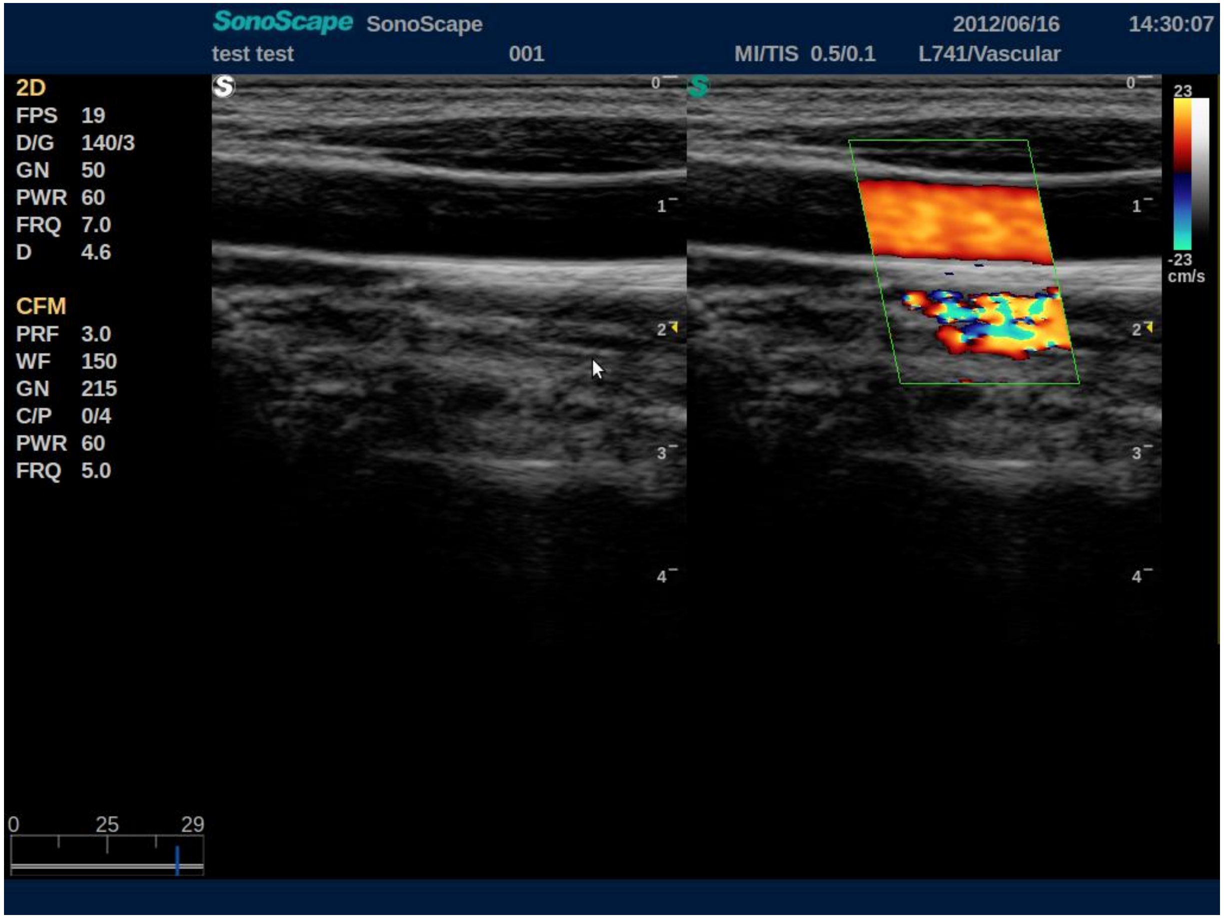
●High mobility with versatile functions and superb design enable the operation more convenient and faster

Confident System Performance

Caring for Life through Innovation

- Ergonomic Design
- Advanced Technologies

Reliable 2D Image and Color Sensitivity



SonoScape 2012/06/16 14:30:07
test test 001 MI/TIS 0.5/0.1 L741/Vascular

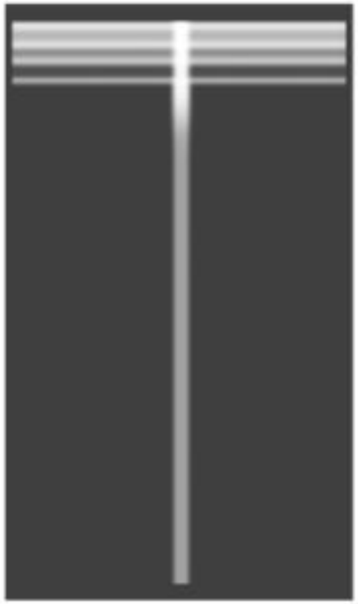
2D

FPS	19
D/G	140/3
GN	50
PWR	60
FRQ	7.0
D	4.6

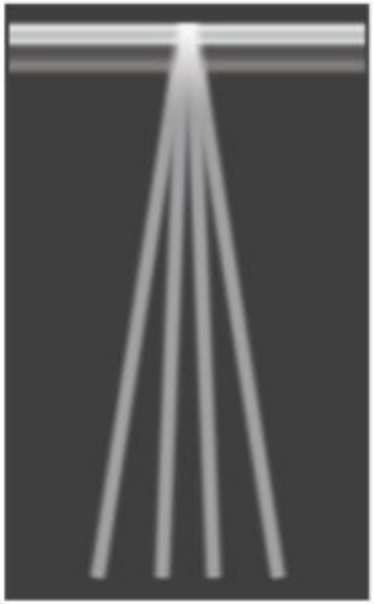
CFM

PRF	3.0
WF	150
GN	215
C/P	0/4
PWR	60
FRQ	5.0

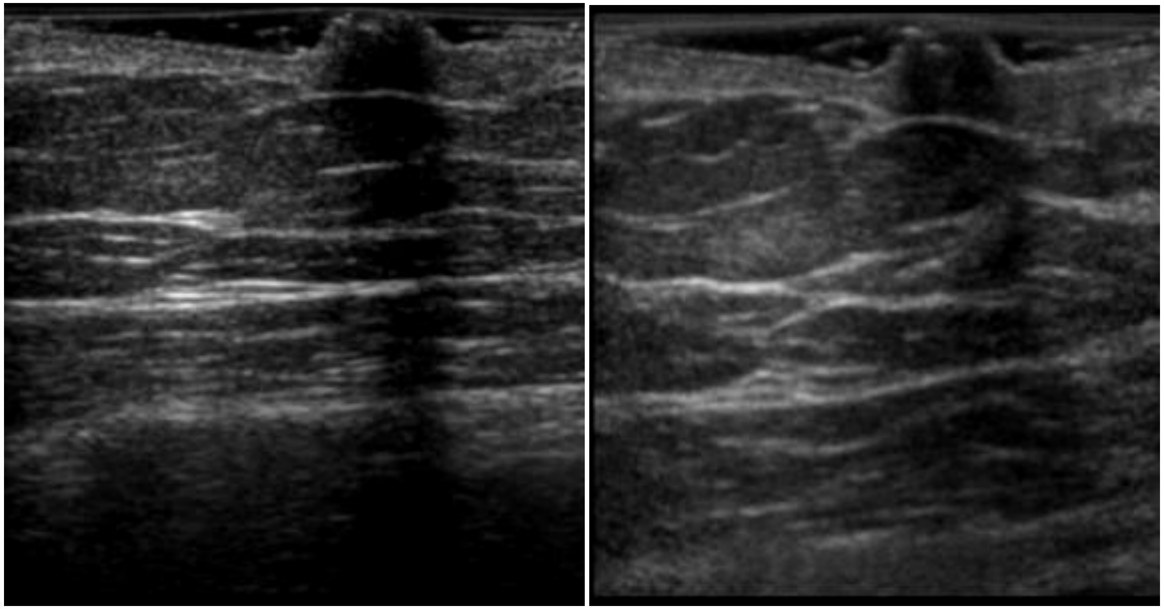
Spatial Compound Imaging



Conventional Imaging

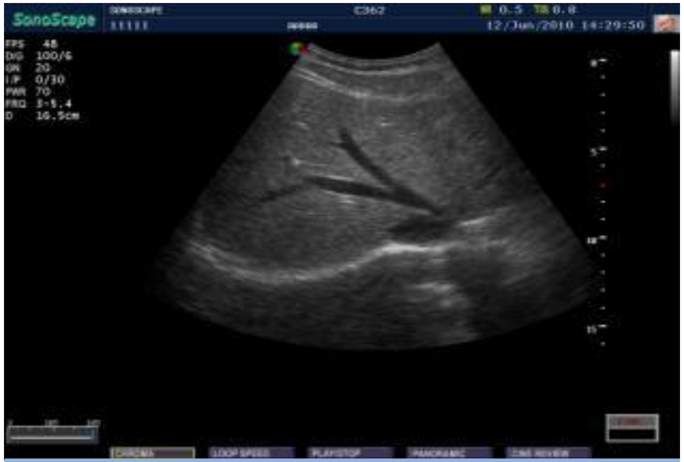


Compound Imaging

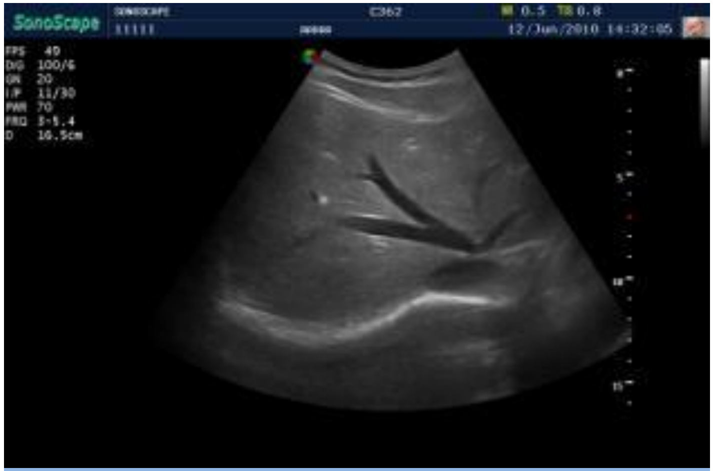


Micro-Scan (2D Speckle Reduction Imaging)

- **Level down the speckle noise**
- **Enhance the borders of tissue**
- **Improve the spatial resolution**

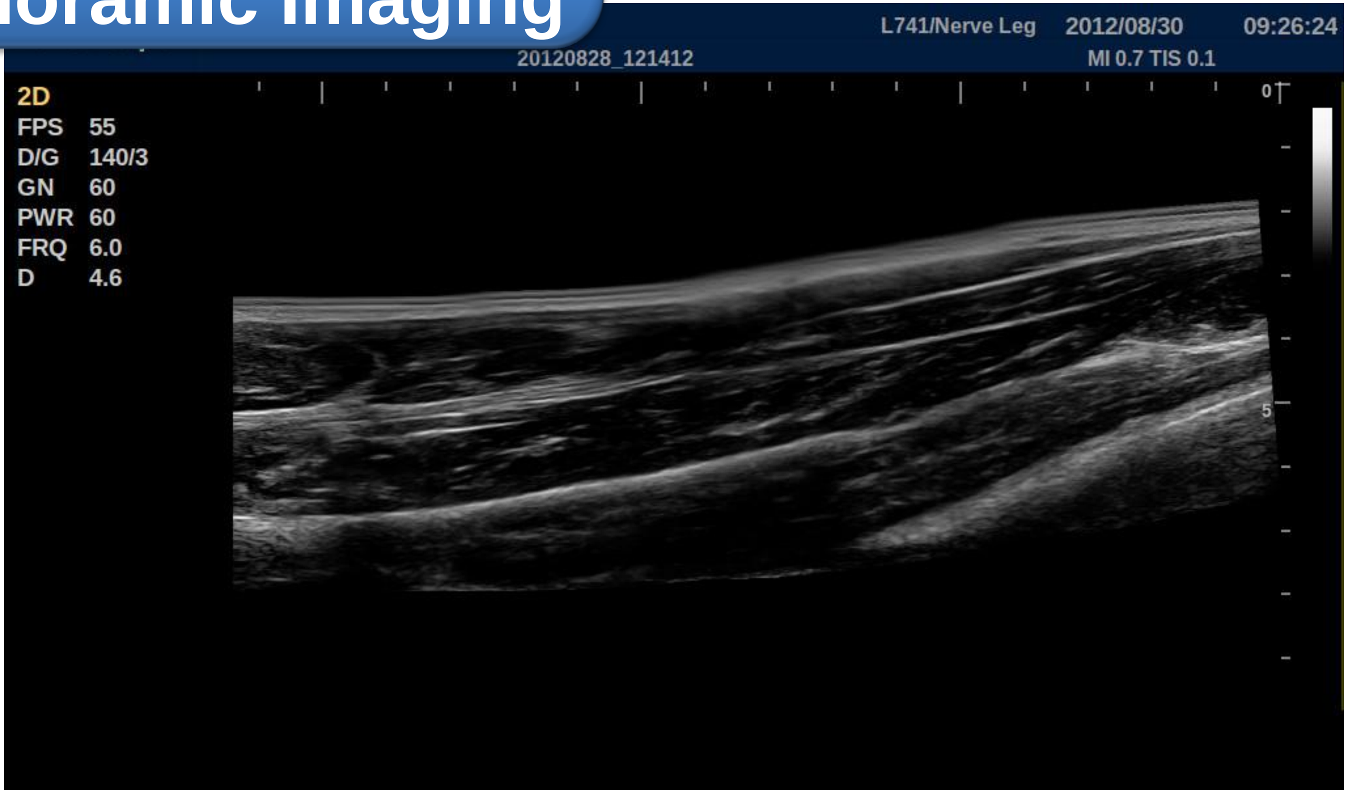


MicroScan Off



MicroScan Level 3

Panoramic Imaging



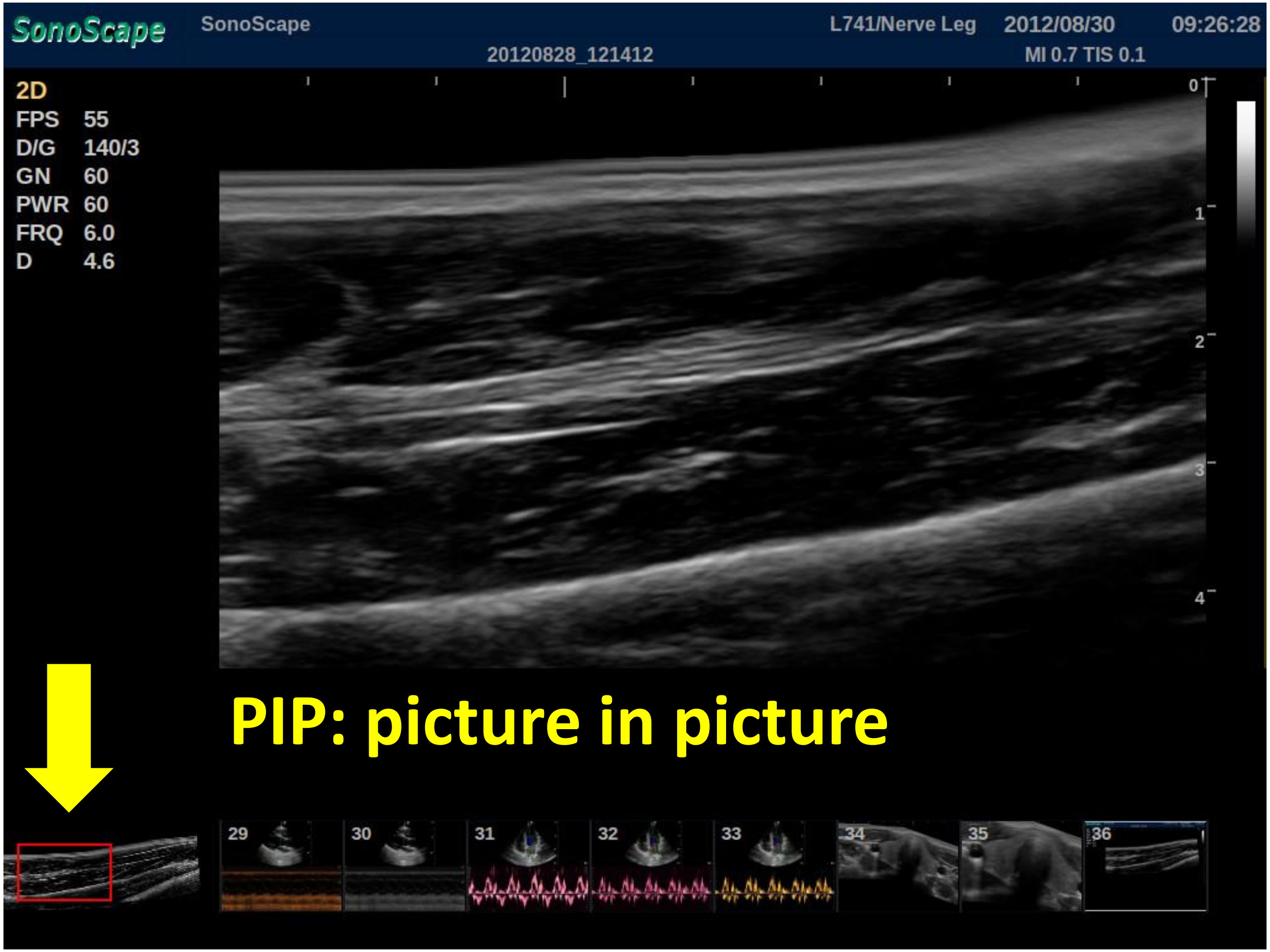
L741/Nerve Leg 2012/08/30 09:26:24
20120828_121412
MI 0.7 TIS 0.1

2D
FPS 55
D/G 140/3
GN 60
PWR 60
FRQ 6.0
D 4.6

- Allow an extended field of view to scan large organs
- Increase the possibilities of making reliable and quick diagnosis

Confident System Performance

- Ergonomic Design
- Advanced Technologies



SonoScape SonoScape 20120828_121412 L741/Nerve Leg 2012/08/30 09:26:28 MI 0.7 TIS 0.1

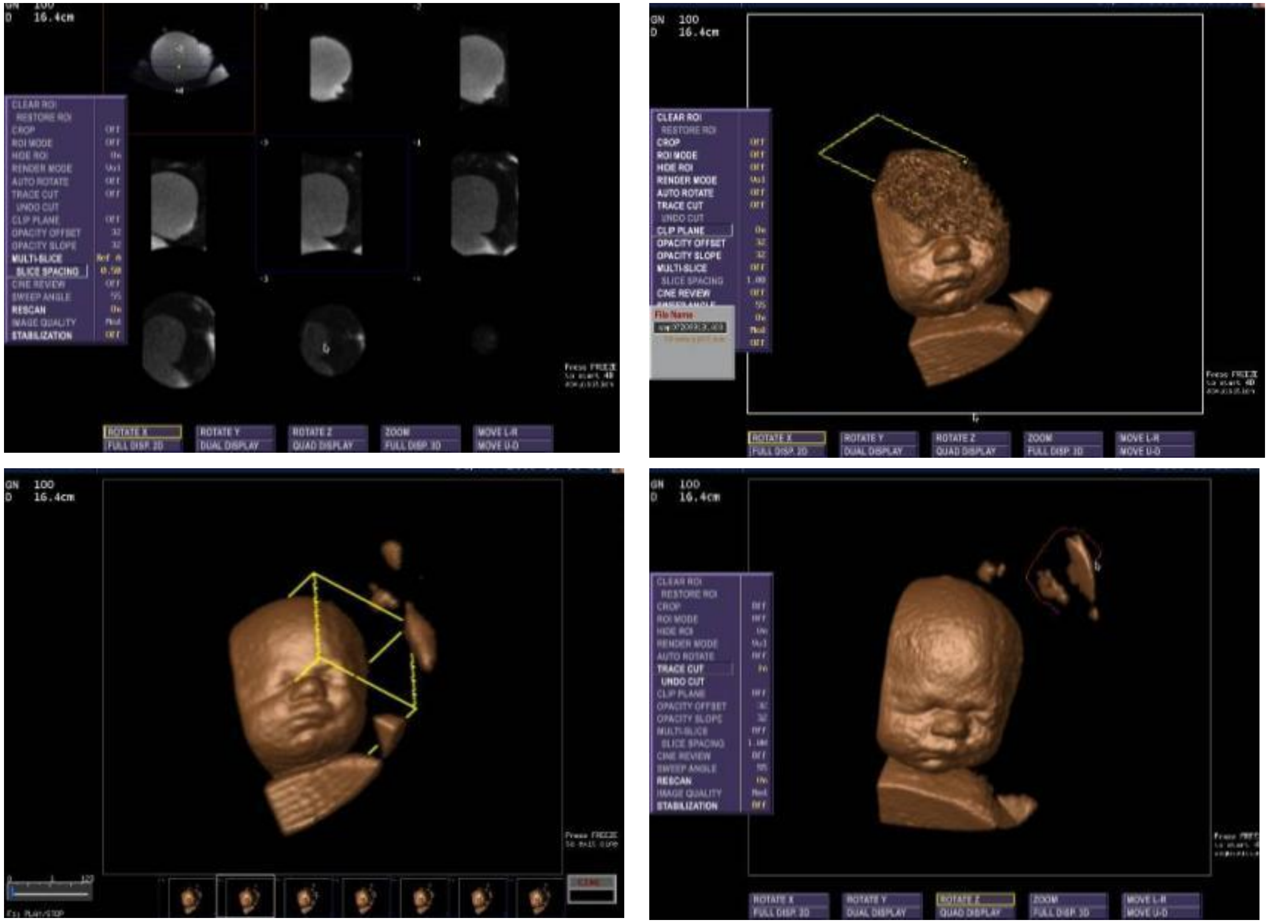
2D
FPS 55
D/G 140/3
GN 60
PWR 60
FRQ 6.0
D 4.6

PIP: picture in picture

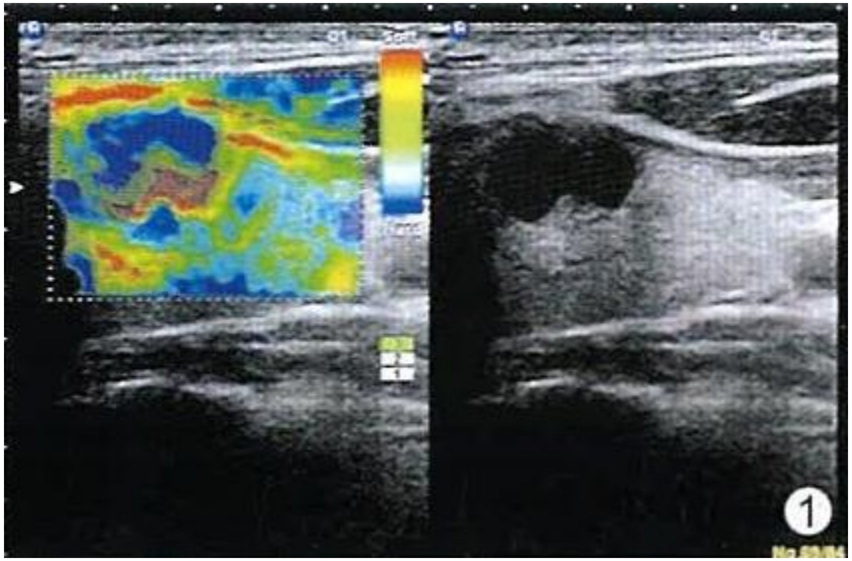
Confident System Performance

- Ergonomic Design
- Advanced Technologies

4D Imaging


GN 100
D 16.4cm
CLEAR ROI
RESTORE ROI
CROP
ROI MODE
HIDE ROI
RENDER MODE
AUTO ROTATE
TRACE CUT
UNDO CUT
CLIP PLANE
OPACITY OFFSET
OPACITY SLOPE
MULTI-SLICE
SLICE SPACING
CINE REVIEW
SWEEP ANGLE
RESCAN
IMAGE QUALITY
STABILIZATION
ROTATE X
FULL DISP 2D
ROTATE Y
DUAL DISPLAY
ROTATE Z
QUAD DISPLAY
ZOOM
FULL DISP 3D
MOVE L-R
MOVE U-D

Elastography



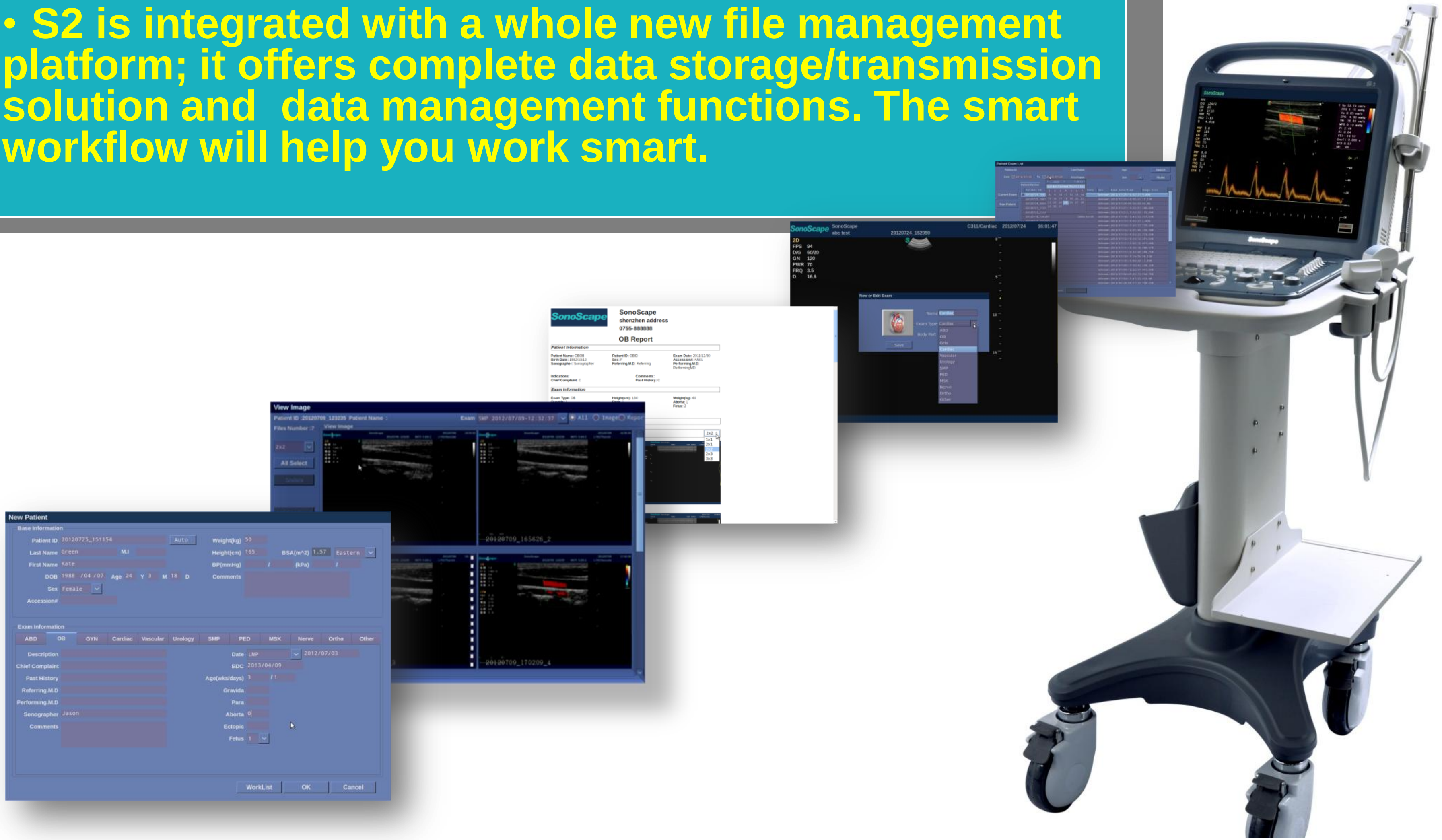
1. Confident System Performance
2. New System, Smart Workflow
3. Various Diagnostic Applications
4. Unique Marketing Competence

New System, Smart Workflow

SonoScape
Caring for Life through Innovation

- Smart Patient File Management
- Full Data Solutions
- Flexible user-defined functions

- **S2 is integrated with a whole new file management platform; it offers complete data storage/transmission solution and data management functions. The smart workflow will help you work smart.**



New Patient

Base Information

Patient ID 20120725_151154
Last Name Green
M.I
First Name Kate
DOB 1988 /04 /07 Age 24 Y 3 M 18 D
Sex Female
Accession#
Weight(kg) 50
Height(cm) 165
BSA(m^2) 1.57 Eastern
BP(mmHg) / (kPa) /
Comments

Exam Information

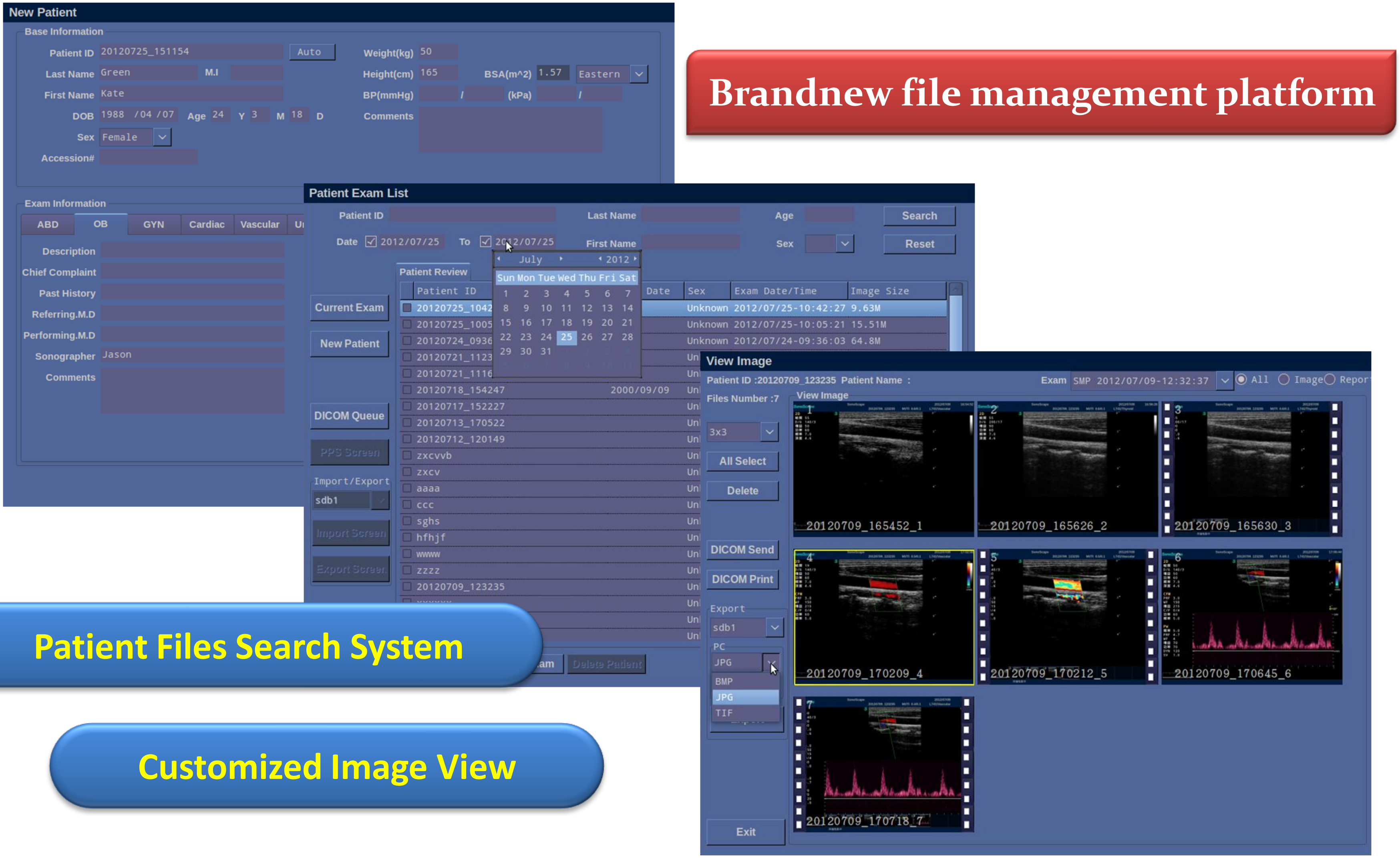
Description
Chief Complaint
Past History
Referring.M.D
Performing.M.D
Sonographer Jason
Comments
Date LMP 2012/07/03
EDC 2013/04/09
Age(wks/days) 3 / 1
Gravida
Para
Aborta 0
Ectopic
Fetus 1

Auto
ABD
OB
GYN
Cardiac
Vascular
Urology
SMP
PED
MSK
Nerve
Ortho
Other
WorkList
OK
Cancel
View Image
All Select
SonoScape
OB Report
Patient Exam List
New or Edit Exam

New System, Smart Workflow

SonoScape
Caring for Life through Innovation

- Smart Patient File Management
- Full Data Solutions
- Flexible user-defined functions



New Patient

Base Information

Patient ID: 20120725_151154 (Auto)
Last Name: Green M.I
First Name: Kate
DOB: 1988 /04 /07 Age 24 Y 3 M 18 D
Sex: Female
Accession#
Weight(kg): 50
Height(cm): 165 BSA(m^2): 1.57 Eastern
BP(mmHg): / (kPa) /
Comments

Exam Information

ABD | OB | GYN | Cardiac | Vascular | Ur

Description
Chief Complaint
Past History
Referring.M.D
Performing.M.D
Sonographer: Jason
Comments

Patient Exam List

Patient ID Last Name Age Search
Date ☑ 2012/07/25 To ☑ 2012/07/25 First Name Sex Reset

July 2012
Sun Mon Tue Wed Thu Fri Sat
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30 31

Patient Review

Patient ID	Date	Sex	Exam Date/Time	Image Size
☐ 20120725_1042		Unknown	2012/07/25-10:42:27	9.63M
☐ 20120725_1005		Unknown	2012/07/25-10:05:21	15.51M
☐ 20120724_0936		Unknown	2012/07/24-09:36:03	64.8M
☐ 20120721_1123		Un		
☐ 20120721_1116		Un		
☐ 20120718_154247	2000/09/09	Un		
☐ 20120717_152227		Un		
☐ 20120713_170522		Un		
☐ 20120712_120149		Un		
☐ zxcvvb		Un		
☐ zxcv		Un		
☐ aaaa		Un		
☐ ccc		Un		
☐ sghs		Un		
☐ hfhjf		Un		
☐ wwww		Un		
☐ zzzz		Un		
☐ 20120709_123235		Un		

Current Exam
New Patient
DICOM Queue
PPS Screen
Import/Export: sdb1
Import Screen
Export Screen
Delete Patient

View Image

Patient ID :20120709_123235 Patient Name :
Exam: SMP 2012/07/09-12:32:37 ● All ○ Image ○ Repor
Files Number :7
3x3
All Select
Delete
DICOM Send
DICOM Print
Export: sdb1
PC: JPG (BMP / JPG / TIF)
Exit

View Image
20120709_165452_1
20120709_165626_2
20120709_165630_3
20120709_170209_4
20120709_170212_5
20120709_170645_6
20120709_170718_7

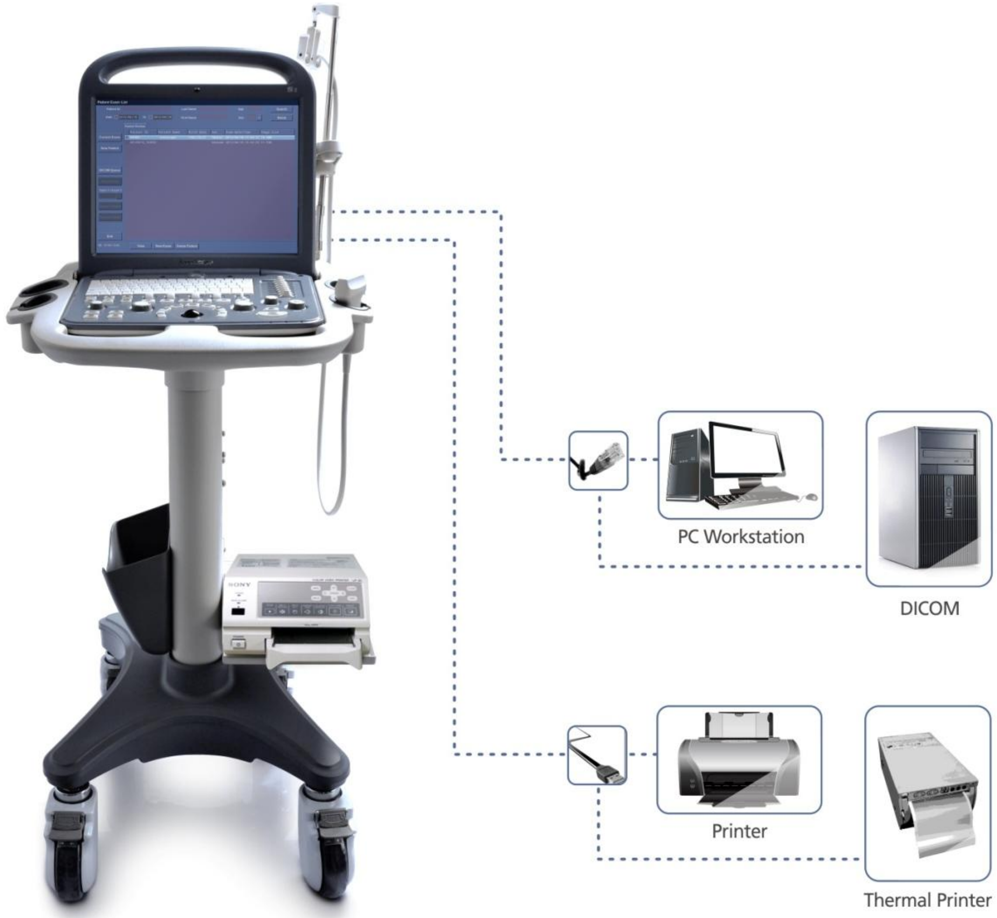
Brandnew file management platform

Patient Files Search System

Customized Image View

New System, Smart Workflow

- Smart Patient File Management
- Full Data Solutions
- Flexible user-defined functions


PC Workstation
DICOM
Printer
Thermal Printer

Connecting

Abundant Connection Interfaces

- 320G Hard Drive, USB ports, VGA, S-video, DVD RW, LAN port, thermal printer
- For better workflow and helps to manage database efficiently

New System, Smart Workflow

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- Smart Patient File Management
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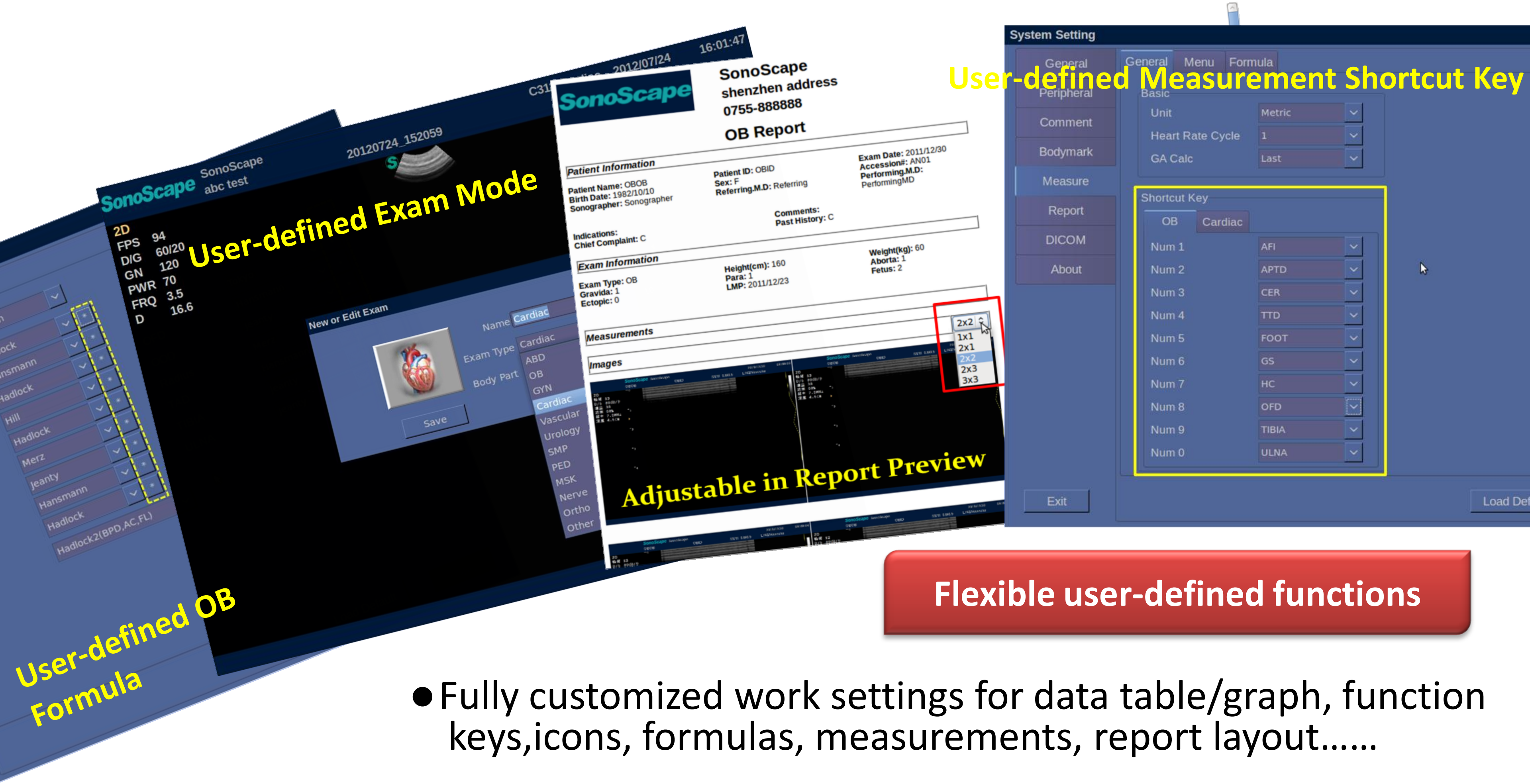


User-defined OB Formula

Hadlock
Hansmann
Hadlock
Hill
Hadlock
Merz
Jeanty
Hansmann
Hadlock
Hadlock2(BPD,AC,FL)

User-defined Exam Mode

SonoScape abc test
20120724_152059
C31 2012/07/24 16:01:47

2D
FPS 94
D/G 60/20
GN 120
PWR 70
FRQ 3.5
D 16.6

New or Edit Exam
Name: Cardiac
Exam Type: Cardiac
Body Part: ABD, OB, GYN, Cardiac, Vascular, Urology, SMP, PED, MSK, Nerve, Ortho, Other
Save

SonoScape
shenzhen address
0755-888888

OB Report

Patient Information

Patient Name: OBOB
Birth Date: 1982/10/10
Sonographer: Sonographer
Patient ID: OBID
Sex: F
Referring.M.D: Referring
Exam Date: 2011/12/30
Accession#: AN01
Performing.M.D: PerformingMD

Indications:
Chief Complaint: C
Comments:
Past History: C

Exam Information

Exam Type: OB
Gravida: 1
Ectopic: 0
Height(cm): 160
Para: 1
LMP: 2011/12/23
Weight(kg): 60
Aborta: 1
Fetus: 2

Measurements

Images

Adjustable in Report Preview

User-defined Measurement Shortcut Key

System Setting

Basic

Unit	Metric
Heart Rate Cycle	1
GA Calc	Last

Shortcut Key — OB | Cardiac

Num 1	AFI
Num 2	APTD
Num 3	CER
Num 4	TTD
Num 5	FOOT
Num 6	GS
Num 7	HC
Num 8	OFD
Num 9	TIBIA
Num 0	ULNA

Flexible user-defined functions

- Fully customized work settings for data table/graph, function keys,icons, formulas, measurements, report layout……
- Totally based on your own working style and habit

1 Confident System Performance

2 New System, Smart Workflow

3 **Various Diagnostic Applications**

4 Unique Marketing Competence

Various Diagnostic Applications

- Radiology
- OB/GYN
- Cardiology
- Emergency/ICU/Anesthesia

***Compact* Design**

Capable of various clinical solutions

- **General Practice: Abdominal, OB, GYN, Vascular, Urology, Small parts**
- **Support linear, convex, micro-convex, phased array, transrectal, transvaginal transducers**

Various Diagnostic Applications

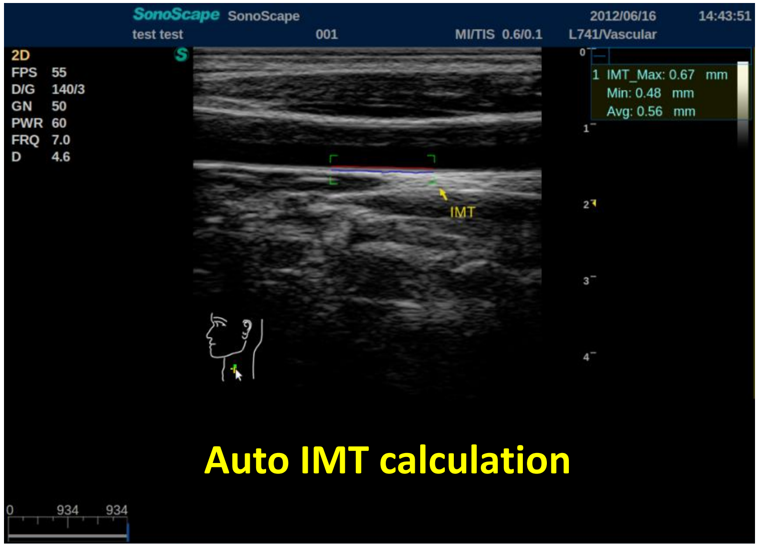
• Radiology • OB/GYN • Cardiology • Emergency/ICU/Anesthesia

Radiology Application

- ***A wide range of transducers***
  - *-Phased, Convex, Linear, Endocavity, L-shape intraoperative*
  - *-Frequency range from 2 to 15MHz*
- ***Complete Imaging Technology***
  - *-Panoramic Imaging,*
  - *-Trapezoidal Imaging*
  - *- Compound Imaging*
  - *- Micro-Scan*
  - *- Tissue Harmonic Imaging*

Various Diagnostic Applications

- Radiology
- OB/GYN
- Cardiology
- Emergency/ICU/Anesthesia

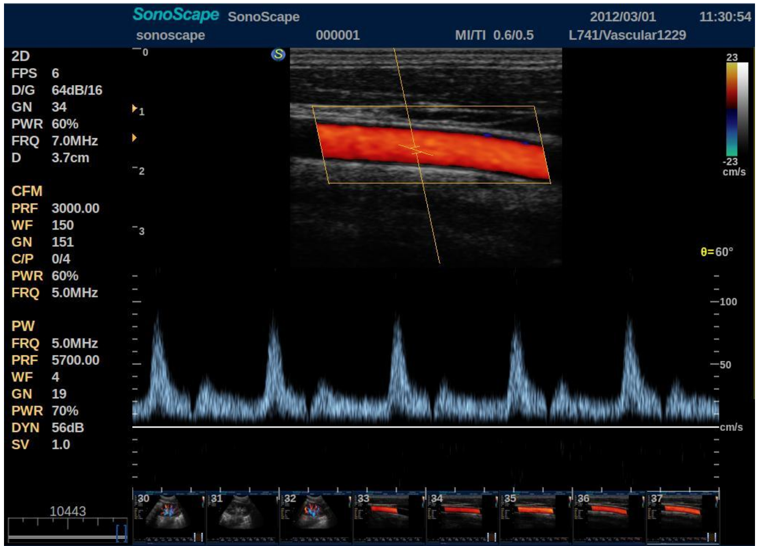


SonoScape SonoScape 2012/06/16 14:43:51
test test 001 MI/TIS 0.6/0.1 L741/Vascular

2D
FPS 55
D/G 140/3
GN 50
PWR 60
FRQ 7.0
D 4.6

1 IMT_Max: 0.67 mm
Min: 0.48 mm
Avg: 0.56 mm

Auto IMT calculation

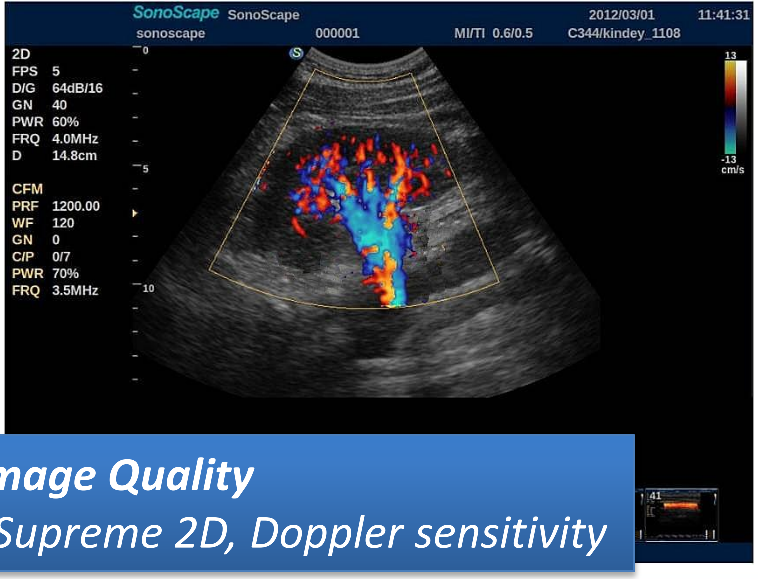


SonoScape SonoScape 2012/03/01 11:30:54
sonoscape 000001 MI/TI 0.6/0.5 L741/Vascular1229

2D
FPS 6
D/G 64dB/16
GN 34
PWR 60%
FRQ 7.0MHz
D 3.7cm

CFM
PRF 3000.00
WF 150
GN 151
C/P 0/4
PWR 60%
FRQ 5.0MHz

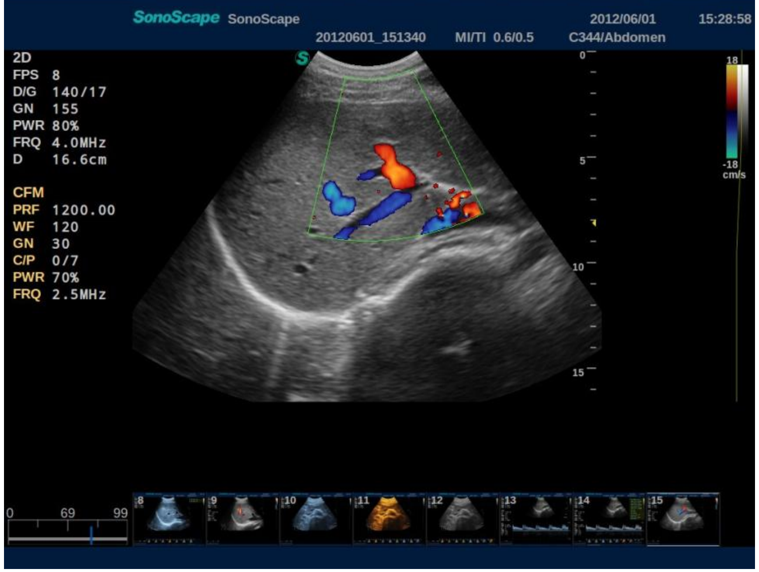
PW
FRQ 5.0MHz
PRF 5700.00
WF 4
GN 19
PWR 70%
DYN 56dB
SV 1.0



SonoScape SonoScape 2012/03/01 11:41:31
sonoscape 000001 MI/TI 0.6/0.5 C344/kindey_1108

2D
FPS 5
D/G 64dB/16
GN 40
PWR 60%
FRQ 4.0MHz
D 14.8cm

CFM
PRF 1200.00
WF 120
GN 0
C/P 0/7
PWR 70%
FRQ 3.5MHz



SonoScape SonoScape 2012/06/01 15:28:58
20120601_151340 MI/TI 0.6/0.5 C344/Abdomen

2D
FPS 8
D/G 140/17
GN 155
PWR 80%
FRQ 4.0MHz
D 16.6cm

CFM
PRF 1200.00
WF 120
GN 30
C/P 0/7
PWR 70%
FRQ 2.5MHz

- ***Image Quality***
  -Supreme 2D, Doppler sensitivity

Various Diagnostic Applications

・Radiology ・OB/GYN ・Cardiology ・Emergency/ICU/Anesthesia

OB/GYN Application

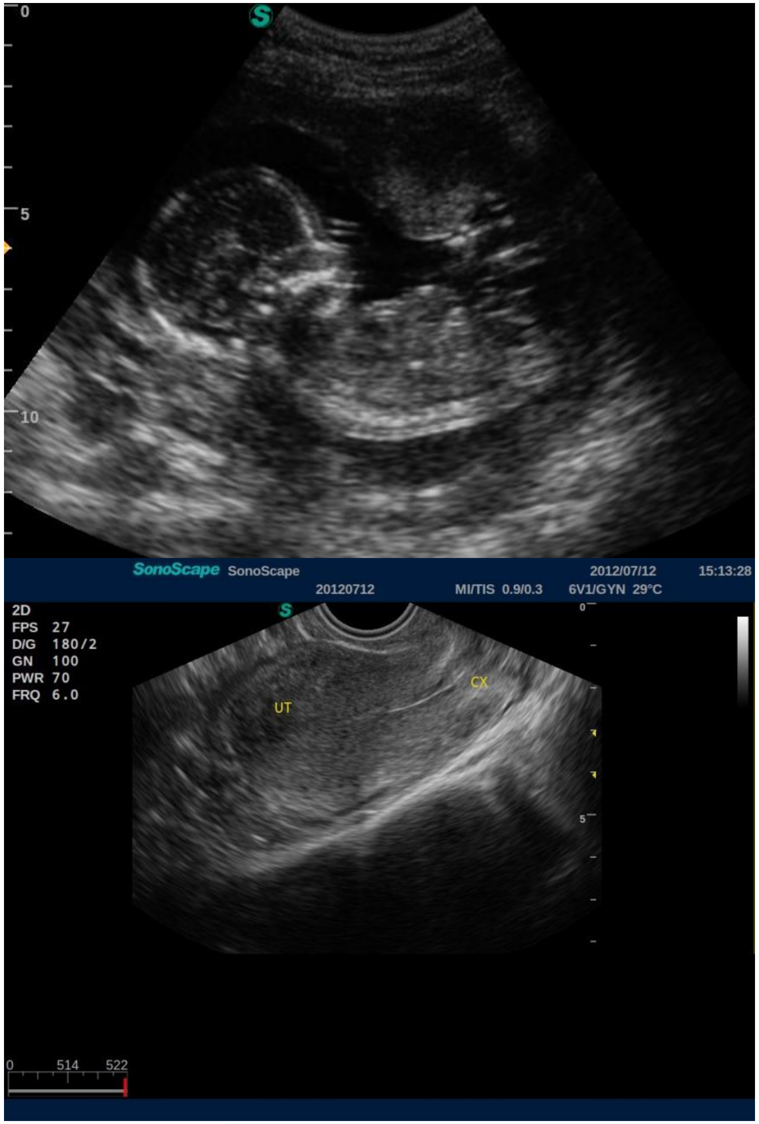
- ***Professional transducers:***
  - *-Transvaginal: 135º*
  - *-Temp-detect technology*
  - *-OB/Gyn biopsy guide*
  - *-Volumetric transducer VC6-2*
- ***Powerful 4D Imaging***
- ***Professional OB/GYN measurement packages***

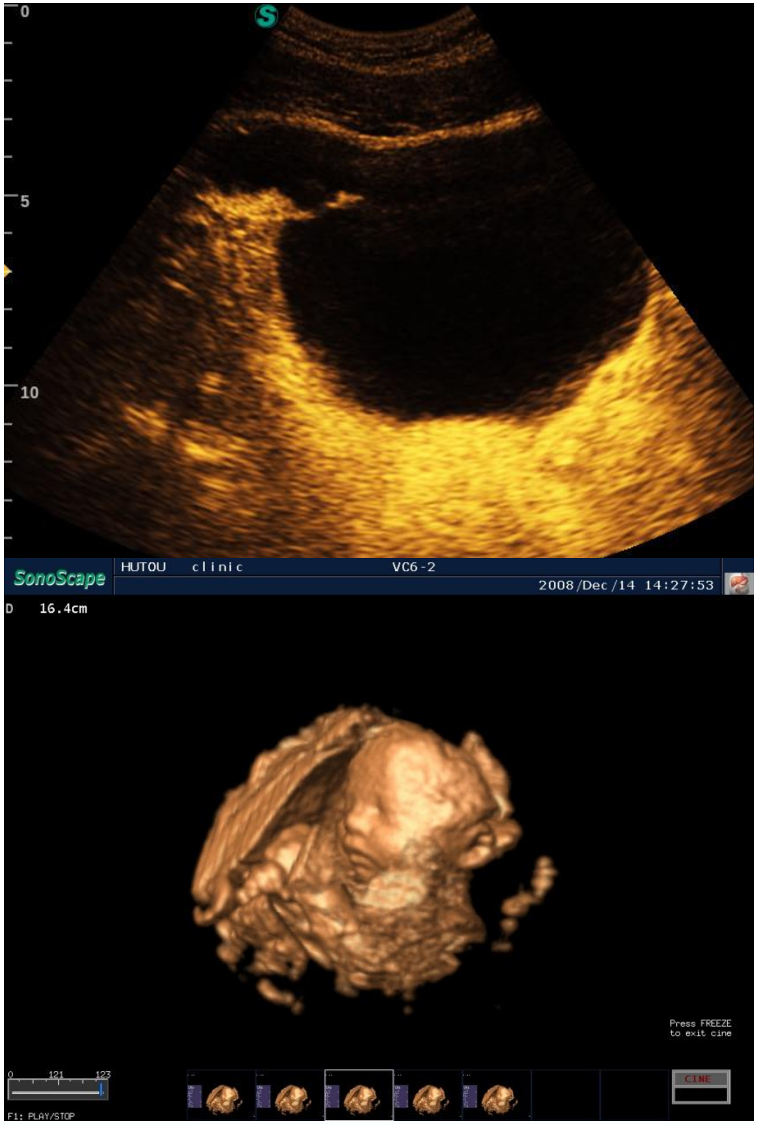
Measurement Methods: Hadlock, Jeanty, Kurtz, Hansmann, Nelson, Tokyo, etc

User-definable OB formula *and* ***shortcut keys*** *make the diagnosis more efficient for doctors all over the world*.

Various Diagnostic Applications

- Radiology
- OB/GYN
- Cardiology
- Emergency/ICU/Anesthesia


0
5
10
SonoScape SonoScape
20120712
MI/TIS 0.9/0.3
2012/07/12
6V1/GYN 29°C
15:13:28
2D
FPS 27
D/G 180/2
GN 100
PWR 70
FRQ 6.0
UT
CX
0
5
0 514 522


0
5
10
SonoScape
HUTOU clinic
VC6-2
2008/Dec/14 14:27:53
D 16.4cm
Press FREEZE to exit cine
0 121 123
F1: PLAY/STOP
CINE

Cardiology Application

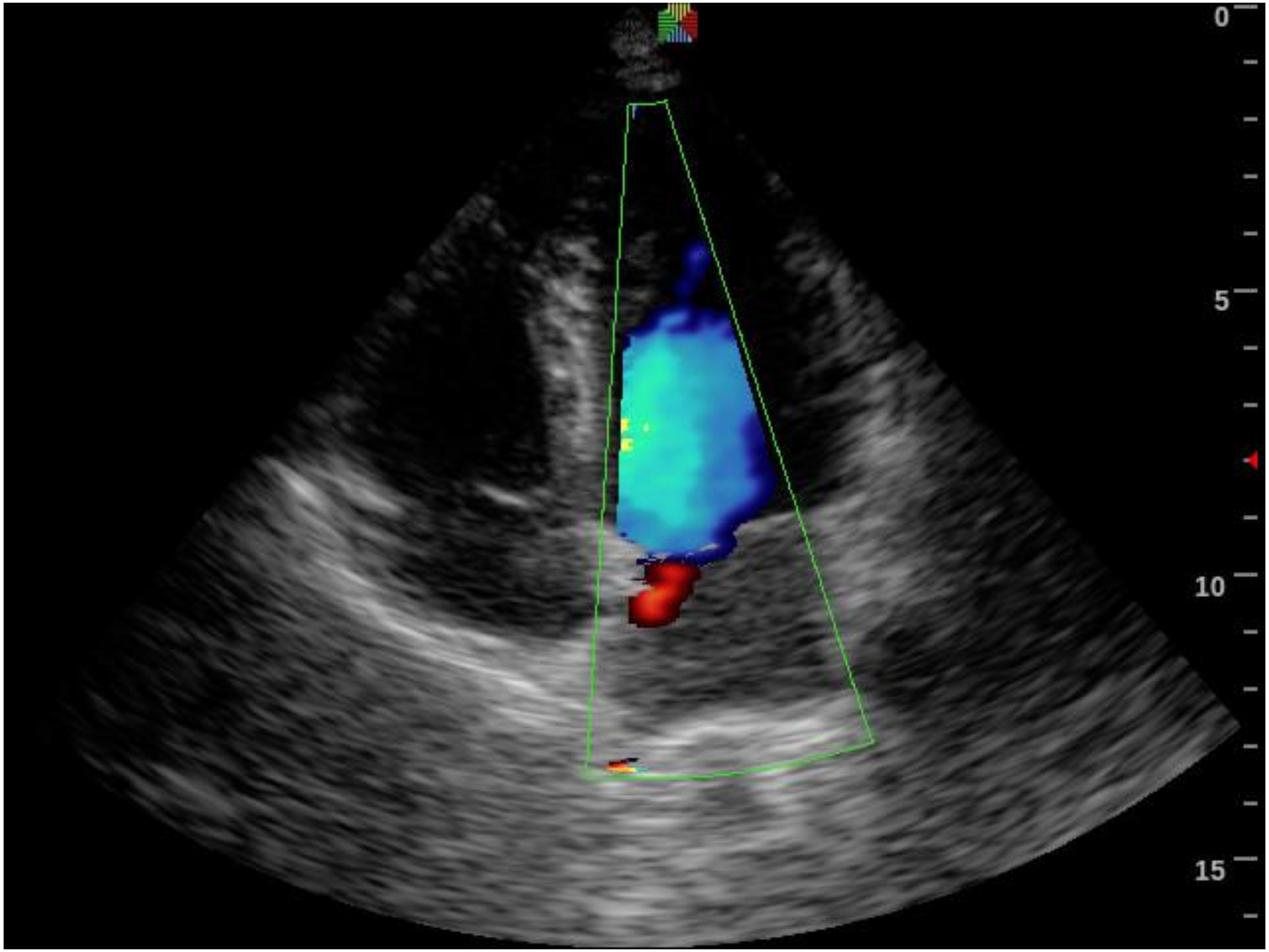
- ***Professional Cardiac transducers**:*
  - *-High Frequency Phased Array*
  - *-Low Frequency Phased Array*
  - *-Micro-convex*

- ***Powerful Cardiac Software***
  - *-Imaging mode: PW/Color M/ Steer M*
  - *-Real time Flow Calculation*
  - *-Cardiac Software Measurement Package*
  - *-Shortcut keys for Cardiac measurement*

Various Diagnostic Applications

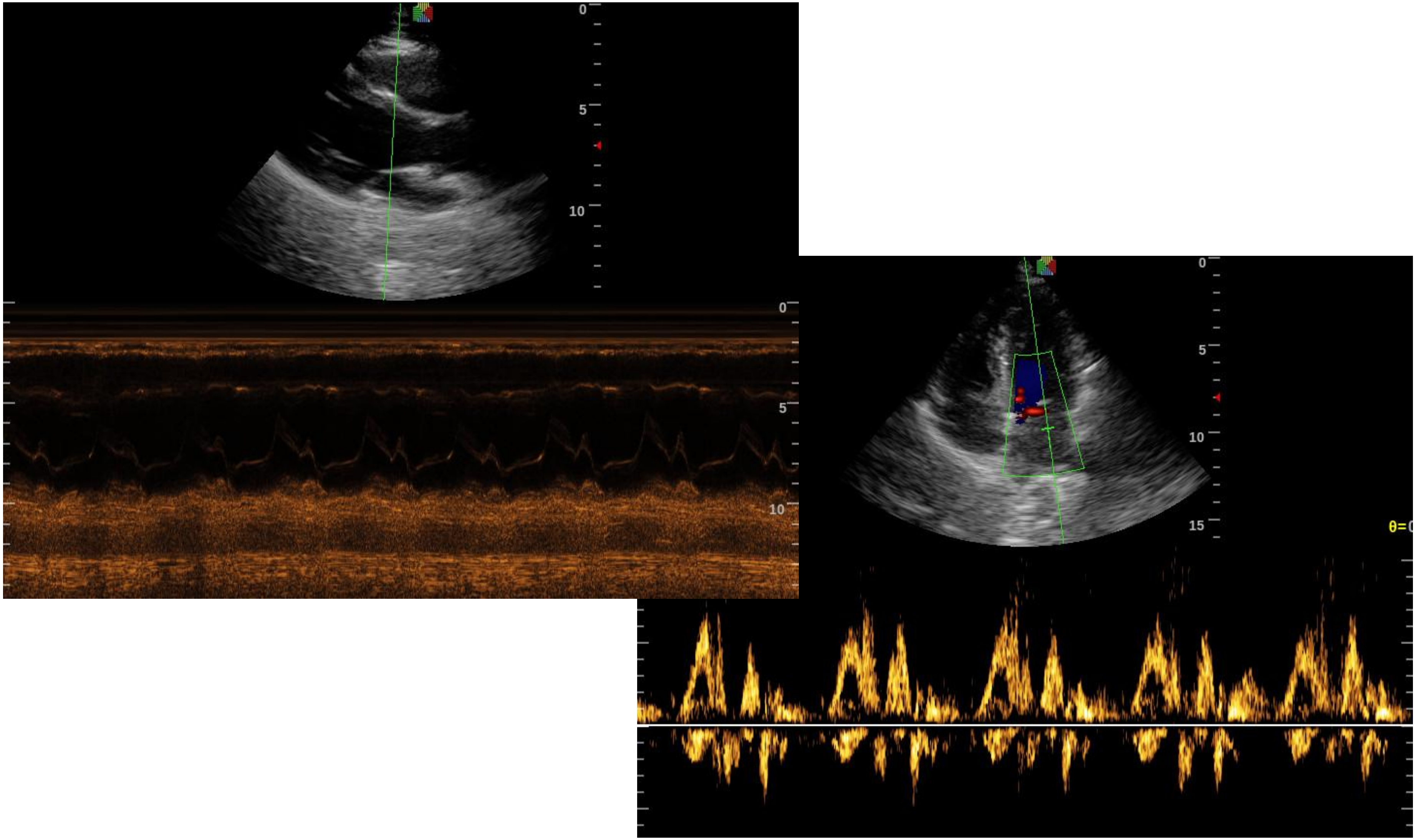
SonoScape
Caring for Life through Innovation

- Radiology
- OB/GYN
- Cardiology
- Emergency/ICU/Anesthesia



Various Diagnostic Applications

- Radiology
- OB/GYN
- Cardiology
- Emergency/ICU/Anesthesia



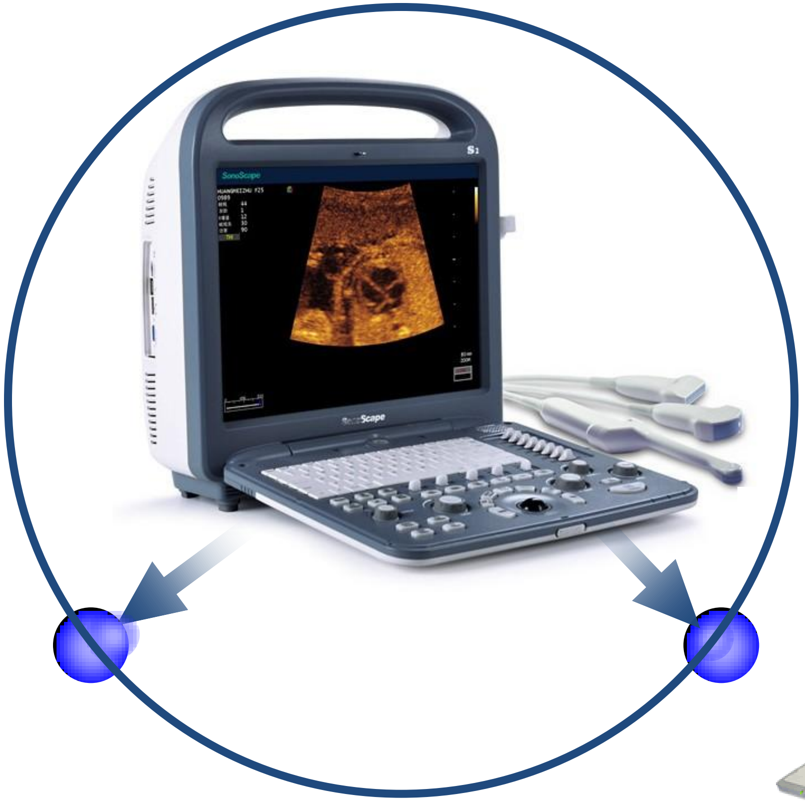
Emergency/ICU/Anesthesia Application

- ***Ergonomics***
  - *-15 inch high resolution LCD*
  - *-2 transducer sockets*
  - *- Slim and compact system*
- ***Easy to use***
  - *-Quick operation with one-button functions*
  - *-User definable functions*
- ***Transducers for specialized Application***
  - *-15MHz Linear for Peripheral anesthesia, CVC, Musculoskeletal*
  - *-Wide band phased array and micro-convex for Cardiac*

1. Confident System Performance
2. New System, Smart Workflow
3. Various Diagnostic Applications
4. **Unique Marketing Competence**

Unique Marketing Competence

- S2 VS SonoAce R3
- S2 VS Mindray Z6



SonoAce R3

SAMSUNG MEDISON

Z6

MINDRAY

Unique Marketing Competence

- Temp-detect technology
- Quick measurement for OB/Cardiac
- 4D function

SonoScape S2
VS
SonoAce R3

- No Intra-operative & phased array
- No auto IMT measurement

Imaging Mode & Parameters

Items	S2	R3
4D Imaging	optional	no
Anatomic M	optional(3 lines)	no
Panoramic	optional	no
Trapezoid	yes	Yes
Speckle Reduction	µ-scan	SRF
OB calc hot key	yes	no
Auto IMT	yes	no
Dynamic Range	20-320dB	180dB
Cine Loop	999 frames	511 frames
Frame Rate	>800	280
Clipboard	yes	no

Workflow & Transducers

Items	S2	R3
LCD	15	15
Backlit Keyboard	yes	yes
Sockets	2	2
Transducers	11	8
Temp-detection	yes	no
Phased Array	yes	no
Intra-operative	yes	no
4D transducer	yes	no
ECG	yes	yes
USB	2	3
HDD	320G	160G
DVD-RW	optional	optional
DICOM 3.0	yes	optional

Unique Marketing Competence

- **Temp-detect technology**
- **Quick measurement for OB/Cardiac**
- **4D function**

SonoScape S2
VS
SonoAce Z6

- **No 4D function**
- **No high frequency phased array**
- **No shortkey for OB/Cardiac calc**

Imaging Mode & Parameters

Items	S2	Z6
4D Imaging	optional	no
Speckle Reduction	μ-scan	SRF
Panoramic	optional	optional
Trapezoid	yes	yes
Frame Rate	>800	396
OB/Cardiac Shortkey	yes	no
Auto IMT	yes	optional
Dynamic Range	20-320dB	30-220dB
Focus number	15	4
Color M	optional	no
Anatomic M	optional(3 lines)	no
Scanning Depth	24cm	31.4cm
Cine Loop	999 frames	12394 frames

Workflow & Transducers

Items	S2	Z6
LCD	15	15
Sockets	2	2
Transducers	11	11
Frequency Range	2~15 MHz	2~14 MHz
Temp-detection	yes	no
Phased Array(HF)	yes	no
Intra-operative	yes	yes
4D transducer	yes	no
ECG	yes	yes
USB	2	2
HDD	320G	320G
DVD-RW	yes	yes
DICOM 3.0	yes	optional

thank you grazie **merci** danke **grazias** 謝謝 спасибо
gracias **obrigado** ありがとう **dank** takk **bedankt** dakujem

THANKS!

www.sonoscape.com