

Powered by Wi⁺

SonoScape



ELITE

Lucid Imaging · Intelligent Solution · Talented Features · Easeful Experience

**Elite Experience Meets
Value**
P50 ELITE

ELITE

Lucid Imaging · Intelligent Solution · Talented Features · Easeful Experience

Evolved Architecture Sparks Profound

Vision

Lucid Imaging Boosted by All-rounded

Renovation

Intelligent Solution at Your fingertips

Talented Features Inspire More Applications

Easeful Experience within Easy Reach



ELITE, powered by Wis⁺ platform, carries forward the premium performance in achieving multifaceted Evolution, Lucid imaging, Intelligent solution, Talented features, and Easeful experience. The unremitting research efforts on practical clinical needs boost the potential of ELITE to revolutionize the spectrum of patient care, with leading edge ultrasound technologies.



All-rounded Renovation Boosts
Lucid Imaging

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01

Lucid Imaging Boosted by All-rounded Renovation

Innovative Transducers

- Single crystal
- Composite crystal
- Specialty probes

Potent Processor

- CPU
- GPU
- 14bit A/D

Enhanced Visualization

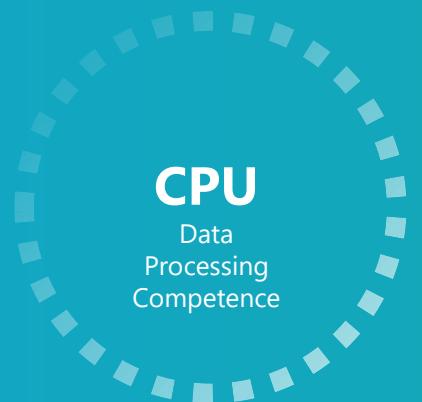
- μ -Scan⁺
- HQ-Scan
- SR-Flow
- Bright Flow
- Micro F
- HD-Zoom



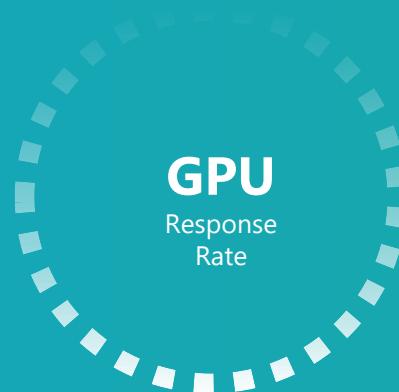
ALL-ROUNDED
RENOVATION BOOSTS
LUCID IMAGING

SonoScape

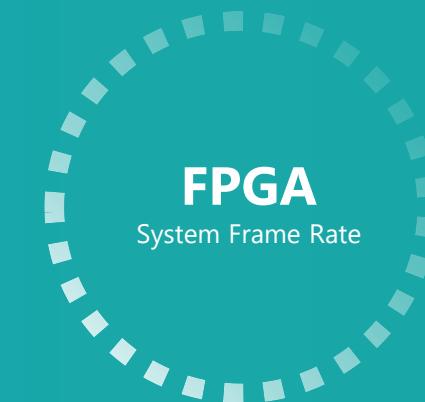
UPGRADED HARDWARE POTENT PROCESSORS FOR PREMIUM PERFORMANCE



4 times



10 times



1.5 times



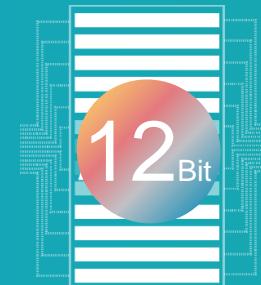
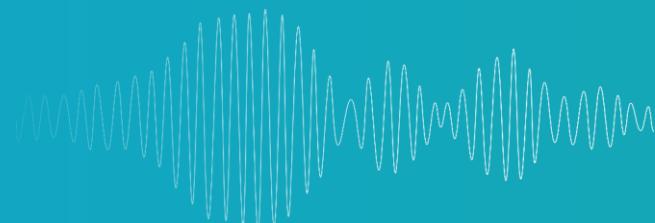
ALL-ROUNDED
RENOVATION BOOSTS
LUCID IMAGING

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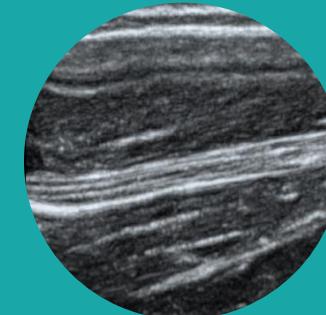
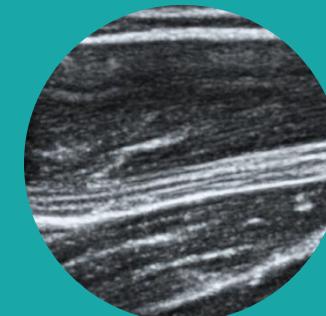
UPGRADED HARDWARE HIGHER A/D CONVERSION FOR DETAILED RESOLUTION



Elite High A/D Conversion



Traditional A/D
Conversion





ALL-ROUNDED
RENOVATION BOOSTS
LUCID IMAGING

Innovative Single Crystal Technology Transducers

- Perfect uniformity of crystal alignment leading to a much higher efficiency in energy transmission
- Better penetration and higher S/N ratio especially during difficult-patient scanning
- Ultra-thin crystal slicing effectively reduces sidelobe effect and improves spatial resolution



S1-5



C1-6

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ALL-ROUNDED
RENOVATION BOOSTS
LUCID IMAGING

Innovative Complete Composite Crystal Linear Family Transducers

- Reforming the conventional piezoelectric materials, composite crystal transducers achieves a better acoustic spectrum and lower acoustic impedance to serve well in vascular, breast, thyroid, MSK, etc.
- The combo of 12L-A, 12L-B, 9L-A covers an ultra-wide frequency bandwidth, leaving nearly no blind spot for all sorts of scanning.



12L-A



12L-B



9L-A

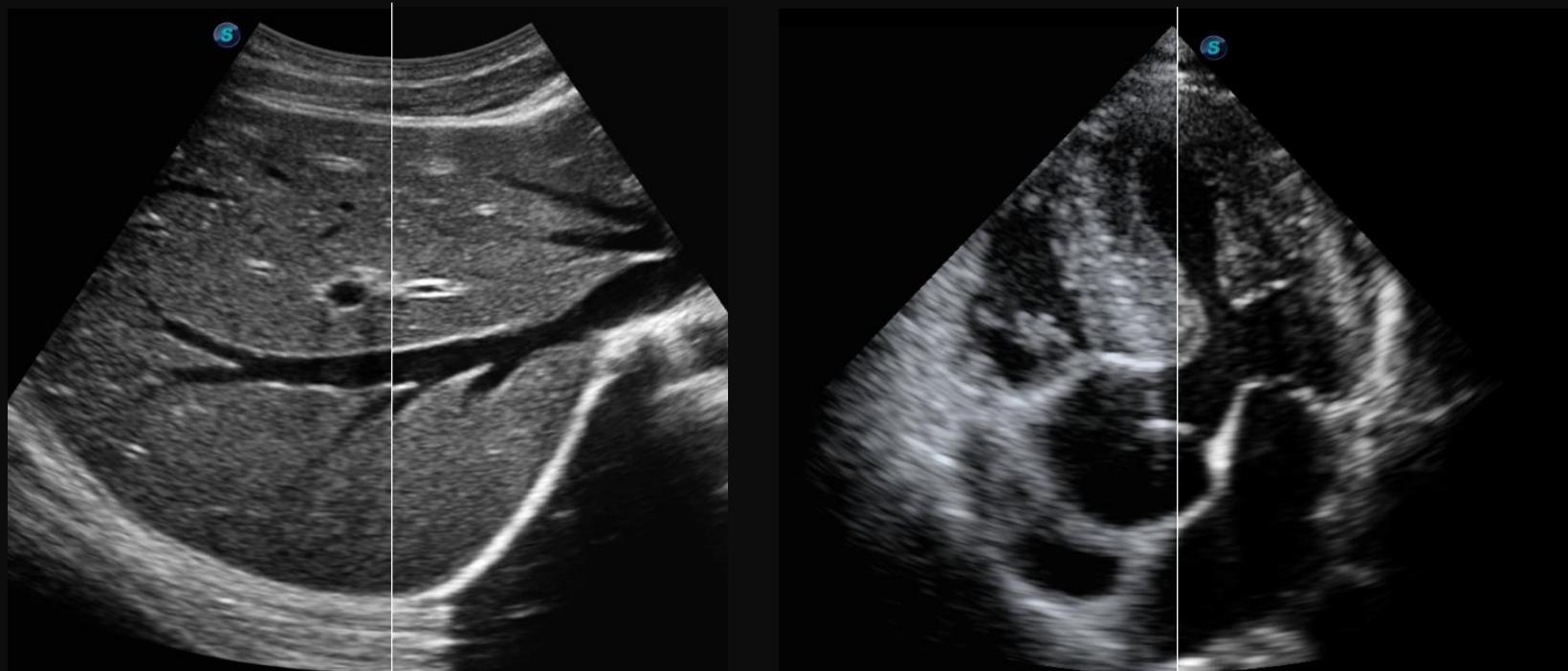


ALL-ROUNDED
RENOVATION BOOSTS
LUCID IMAGING

EFFECTIVE ALGORITHMS
FINER SPECKLE REDUCTION EMPOWERED BY "PLUS"

μ-Scan⁺

- Better image with excellent speckle and artifact rejection
- Improved contrast resolution to easily identify the lesions
- Authentic detail display of anatomy and pathology



μ-Scan⁺ off

μ-Scan⁺ on

μ-Scan⁺ off

μ-Scan⁺ on

SonoScape

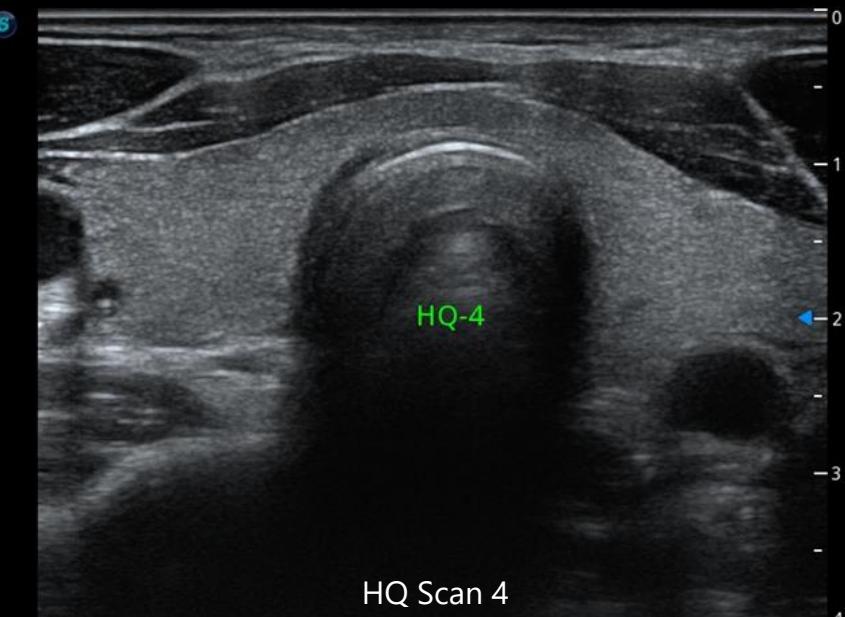
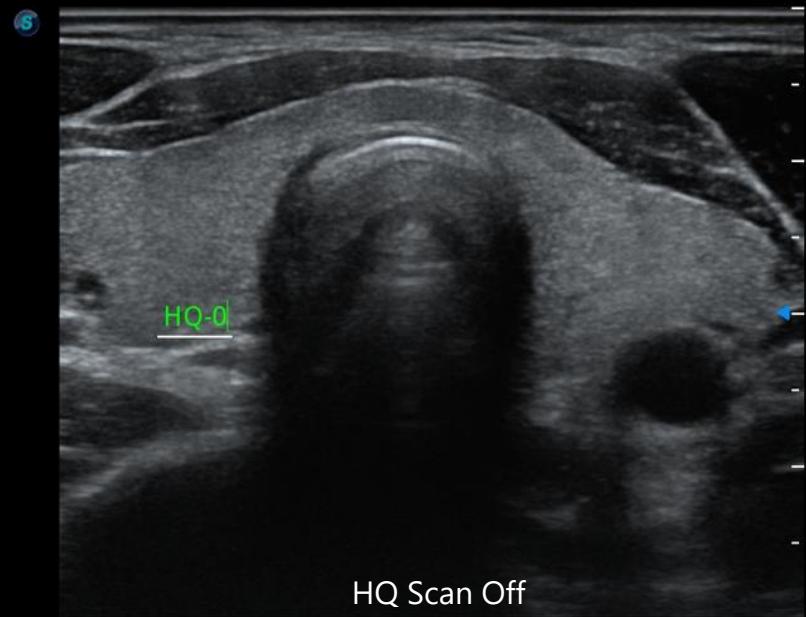


ALL-ROUNDED
RENOVATION BOOSTS
LUCID IMAGING

EFFECTIVE ALGORITHMS
BETTER CONTRAST AND DETAILS EMPOWERED BY HQ-
SCAN

HQ Scan

- Newly-developed 2D imaging improvement technology to enhance the contrast resolution and the whole image structure with better details
- Better visualization of the border and margin of space-occupying lesions, nodules and tumors in parenchymatous organs



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ALL-ROUNDED
RENOVATION BOOSTS
LUCID IMAGING

EFFECTIVE ALGORITHMS
LOOK CLOSER AND CLEARER WITH LOSSLESS ZOOM-IN

HD Zoom

- Provides lossless zoom-in into hard-to-identify regions during normal mode
- Enables the magnification of one region to better focus on it
- Revelation of miniature details



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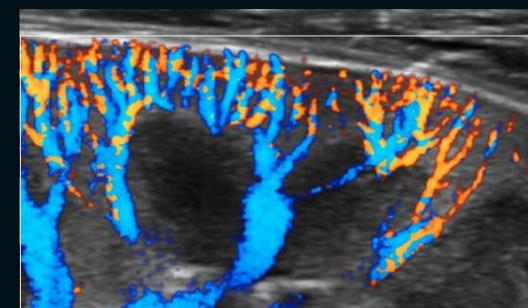
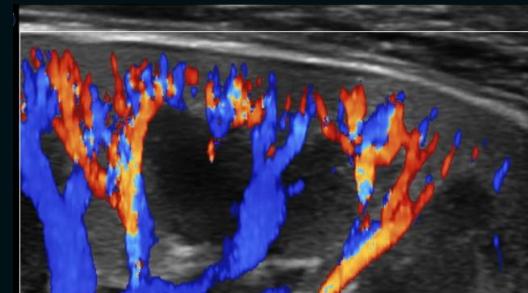
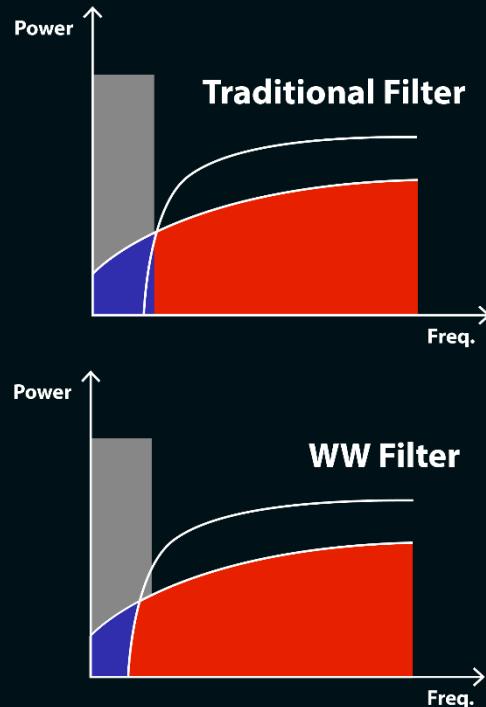


ALL-ROUNDED
RENOVATION BOOSTS
LUCID IMAGING

EFFECTIVE ALGORITHMS
EASY FLOW VISUALIZATION FOR EVEN DIFFICULT SITUATIONS

SR Flow

- High resolution flow that adopts a wide wall filter that can distinguish slow flow from tissue signal
- Enables a dynamic and vivid Doppler display with higher sensitivity while ensuring a realistic evidence for detection of slow flows



Color
Renal Flow

SR Flow
Renal Flow

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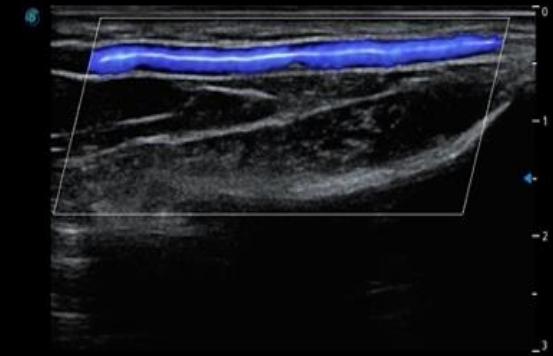


ALL-ROUNDED
RENOVATION BOOSTS
LUCID IMAGING

EFFECTIVE ALGORITHMS
EASY FLOW VISUALIZATION FOR EVEN DIFFICULT SITUATIONS

Bright Flow

- Provides 3D-like color Doppler flow without the need of using volume transducer
- Strengthens boundary definition of vessel walls
- Intuitive and easy visualization of blood flow structures with less blood flow artifact



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ALL-ROUNDED
RENOVATION BOOSTS
LUCID IMAGING

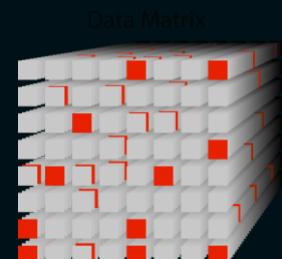
EFFECTIVE ALGORITHMS
EASY FLOW VISUALIZATION FOR EVEN DIFFICULT SITUATIONS

Micro F

Visualizes minute hemodynamics by integrating temporal and spatial compound information

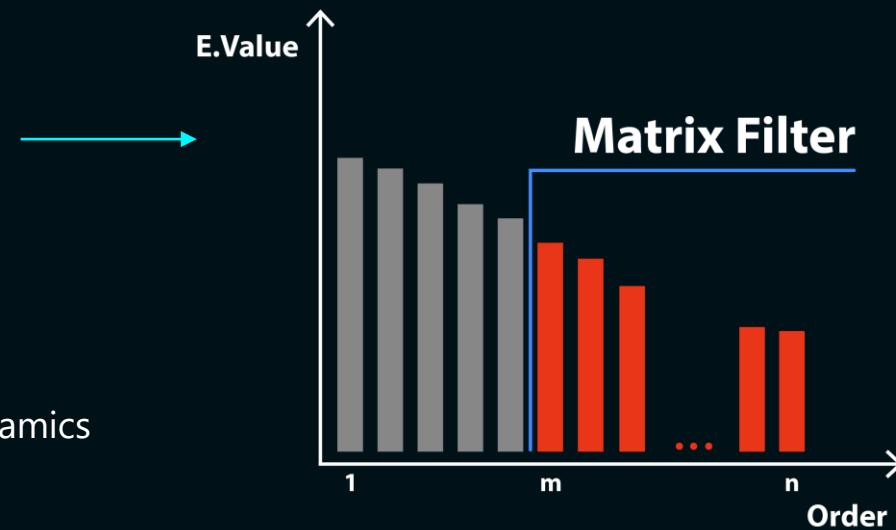
Principles

- Adaptive Matrix E Filter effectively distinguishes tissue signals, artifact and low velocity blood flow
- Ultra-long Time Domain Algorithm helps to display low velocity blood flow stably and continuously



Matrix Data

Visualize minute hemodynamics



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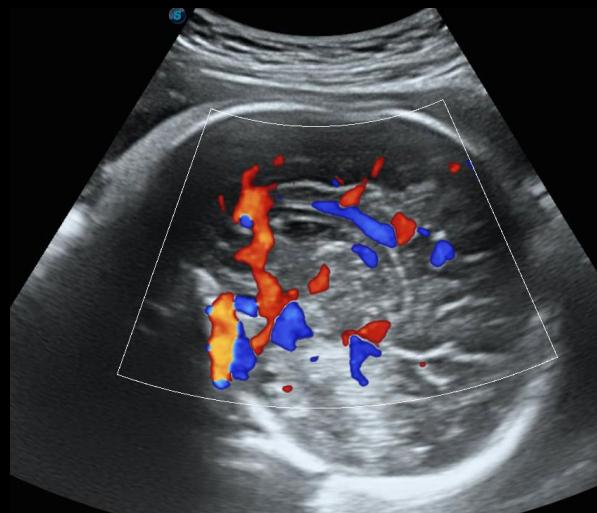


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RENOVATION BOOSTS
LUCID IMAGING

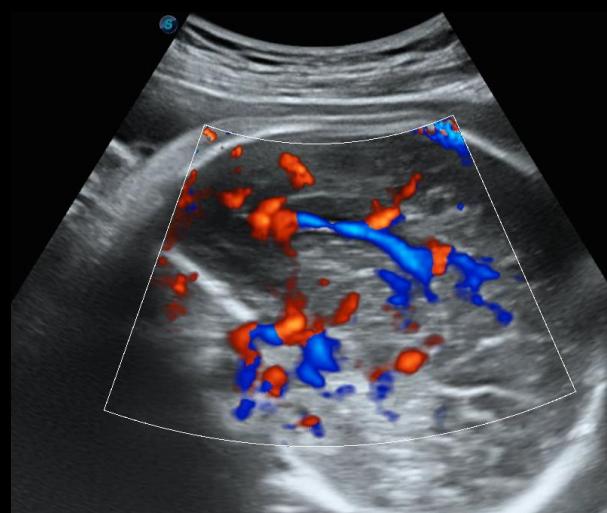
EFFECTIVE ALGORITHMS
EASY FLOW VISUALIZATION FOR EVEN DIFFICULT SITUATIONS

Micro F

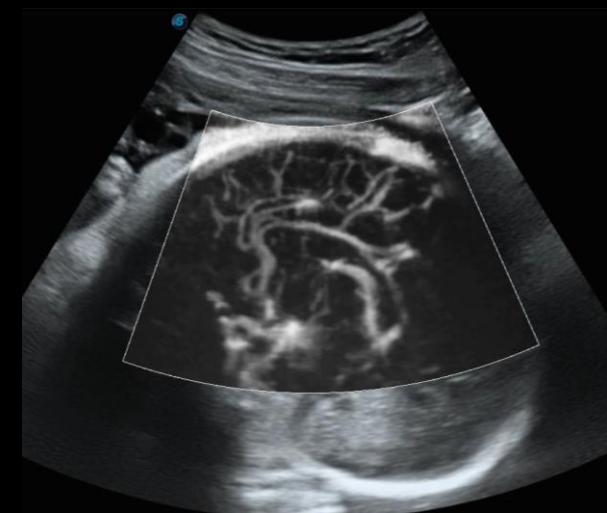
- Minute vessels visualization and slow flow detection
- Higher sensitivity, higher spatial resolution and minimal motion artifact
- More useful for fetal brain and fetal heart hemodynamics, placental insufficiency, rheumatic arthritis, etc



Color



SR Flow



Micro F

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ALL-ROUNDED
RENOVATION BOOSTS
LUCID IMAGING

EFFECTIVE ALGORITHMS
LIFELIKE PRESENTATION WITH ADVANCED RENDERING

3D μ - Scan⁺

- Presents the fetal volume image in a lifelike way with more details
- The upgrade of processors also boosts rendering capacity and efficiency



Grad.Light



Surface



S-Live



S-Depth

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Intelligent Solution at Your
Fingertips

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02

Intelligent Solution at Your Fingertips



Auto Calculation

- S-Endo.
- S-Follicle
- Auto OB
- Auto NT
- Auto Bladder
- Auto EF
- Auto IMT

Auto Acquisition and Smart Analysis

- S-Fetus
- S-MSK
- S-Thyroid

Auto Optimization

- Auto Face
- S-Spine
- Auto C
- Auto PW



INTELLIGENT SOLUTION AT
YOUR FINGERTIPS

AUTO CALCULATION
EMPOWERS HIGHLY-EFFICIENT EXAMS

S-Endometrium

Auto Endometrium Recognition and
Thickness Measurement



S-Follicle

Auto Follicle Recognition and
Size Measurement



- Reduces the steps for operation to a minimum level while achieving accurate results
- Useful for IVF procedure and menstrual monitoring

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INTELLIGENT SOLUTION AT
YOUR FINGERTIPS

AUTO CALCULATION
EMPOWERS HIGHLY-EFFICIENT EXAMS

Auto OB

Auto Fetal Biometry in BPD/HC/AC/FL/HL



Auto NT

Auto Nuchal Translucency Measurement



- Recognizes and contours automatically the border of anatomical structures
- Achieves high efficiency with measurement results displayed in a second

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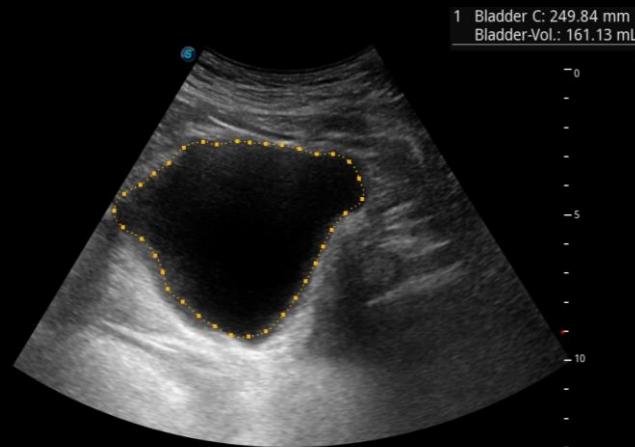


INTELLIGENT SOLUTION AT
YOUR FINGERTIPS

AUTO CALCULATION
EMPOWERS HIGHLY-EFFICIENT EXAMS

Auto Bladder

Auto Bladder Volume Measurement



- One key bladder wall recognition and tracing and volume measurement
- Achieves high efficiency and accuracy in a second

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INTELLIGENT SOLUTION AT
YOUR FINGERTIPS

PLANE ACQUISITION
REDEFINE THE WAY OF ULTRASOUND EXAMS



S-Fetus

Automates Obstetric Ultrasound Work-Flow

- Automatic standard plane acquisition and measurement with one click
- Available on BPD/AC/HC/FL
- Automatic biometry and reporting
- 10000+ cases verified 98% accuracy

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INTELLIGENT SOLUTION AT
YOUR FINGERTIPS

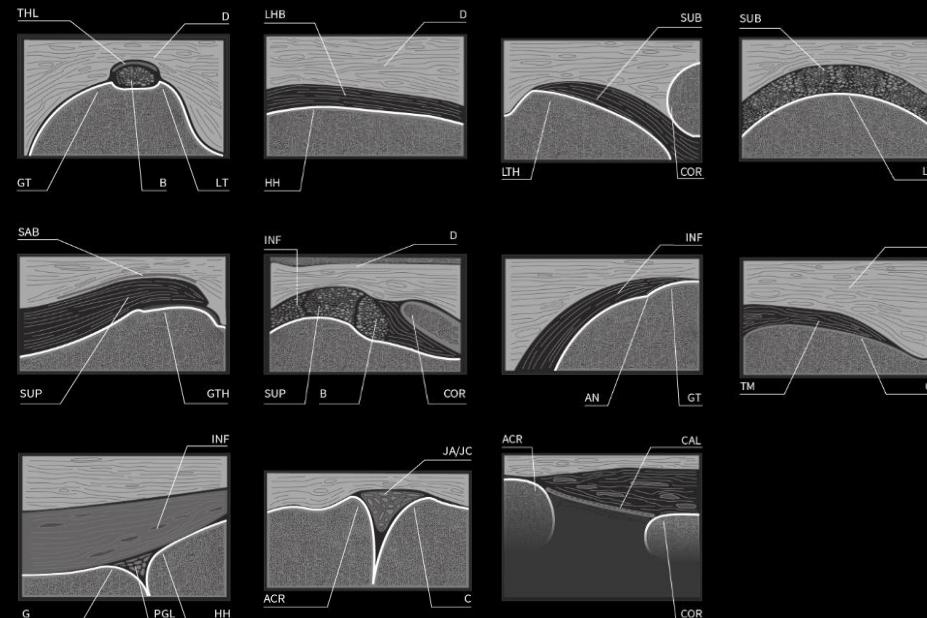
PLANE ACQUISITION
REDEFINE THE WAY OF ULTRASOUND EXAMS

S-MSK

Smart MSK Scanning Tutorial



- Acquires standard plane automatically under the guidance of anatomic diagram display
- Automated annotation of different anatomic structures
- Available for shoulder joint and 11 standard scan planes currently



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INTELLIGENT SOLUTION AT
YOUR FINGERTIPS

ENHANCED OPTIMIZATION
REVEALS TRUE ANATOMY WITH EASE

S-Spine

Automatic Recognition and Imaging of Fetal Spine

- Intuitively presents optimized 3D view of fetal spine with the capability of automatic detection of fetal head
- Obstruction removal to show the lifelike and clear fetal spine
- No necessity of editing VOI box and cutting line in 3D pre-activation



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INTELLIGENT SOLUTION AT
YOUR FINGERTIPS

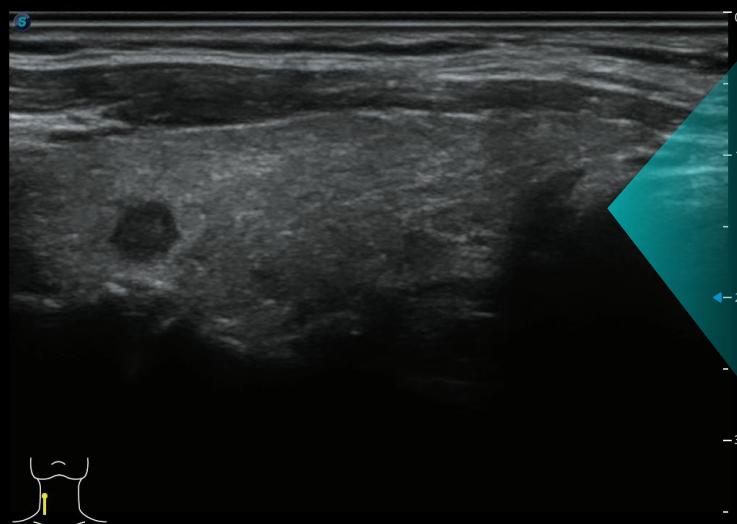
SMART ANALYSIS
RELIABLE ASSISTANTS IN SPECIALIZED TESTS

S-Thyroid

Auto TI-RADS Analysis on Thyroid

- Automatically detects lesion and contours border for analysis
- Lists the characteristics of the nodules and performs measurements
- Adopts widely used guidelines TI-RADS for classification and reporting

B
FPS 44
D/G 180/7
GN 165
I/P 0/60
PWR 100
FRQ 12.8-15.0
D 3.5cm
μS 2
PHI



6

Tumor_H:	4.24 mm
Tumor_W:	4.33 mm
Tumor_Area:	0.14 mm ²
Shape	
Wider than tall	0
Margin	
Lobulated or irregular	2
Echogenicity	
Hypoechoic	2
Echogenic Foci	
None or large comet tail artifacts	0
Composition	
Solid or almost completely solid	2
Total Points:	6
TI-RADS:	TR4
Advice:	>=1.0cm Follow >=1.5cm FNA

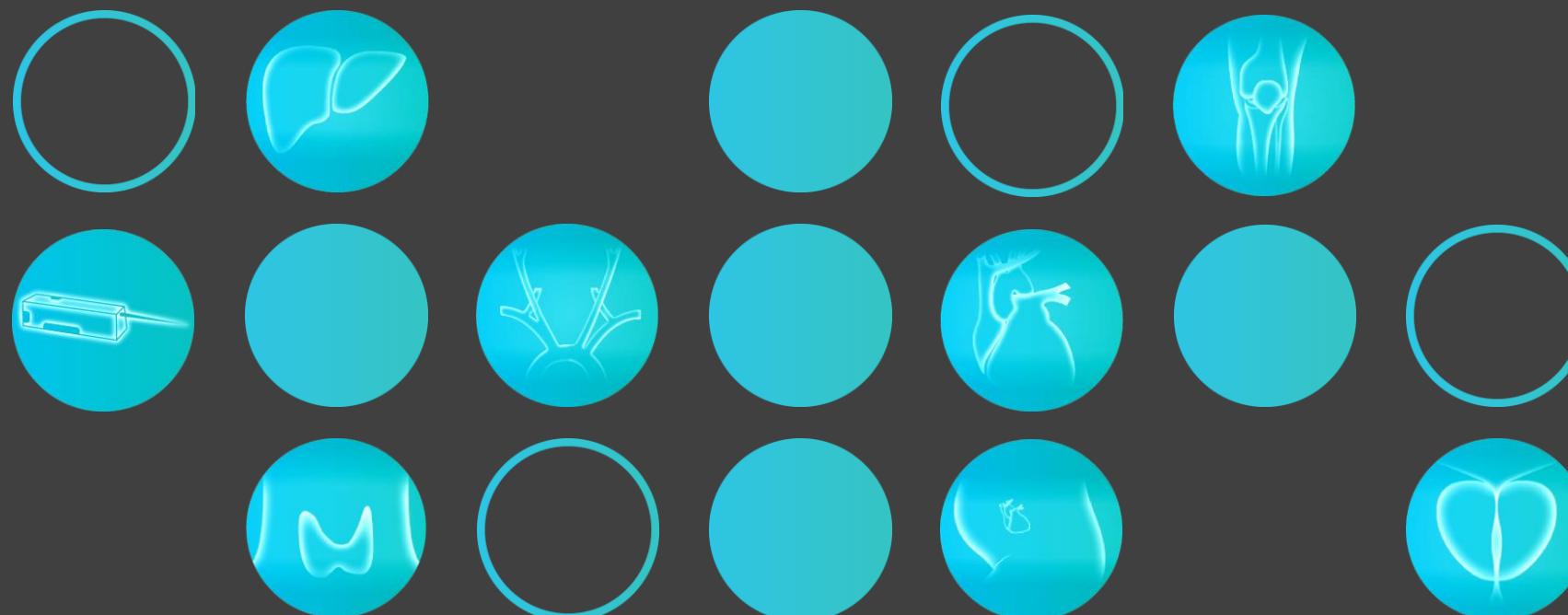
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Talented Features Inspire More
Applications

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Talented Features Inspire More Applications



ABDOMEN | OB/GYN | SMALL PARTS | MSK | VASCULAR | CARDIAC | UROLOGY |
INTERVENTION

03

Talented Features Inspire More Applications

VASCULAR



- Composite Material Linear
- SR Flow
- Bright Flow
- Micro F
- Auto C (Smart Doppler)
- Auto IMT
- Sono Assistant

SMALL PARTS



- Composite Material Linear
- HQ Scan
- Micro F
- Panoramic Imaging
- S-Thyroid
- Breast CEUS
- Strain Elastography

OB/GYN



- Single Crystal Convex
- Volumetric Abdominal and TV probes
- Bright Flow
- Micro F
- S-Fetus
- Auto NT/Auto OB
- Auto Face
- S-Spine
- Color 3D
- S-Live/ S-Live Silhouette/S-Live Contour
- VCI with FreeVue
- STIC

MSK



- High freq. Linear
- Panoramic/C-Panoramic
- S-MSK
- Micro F

ABDOMEN



- Single Crystal Convex
- HQ Scan
- Bright Flow
- CEUS+
- Mix Mode/MFI/ MFI-Time

03

Talented Features Inspire More Applications

CARDIAC



- Single Crystal Phased Array
- G-MQA (Strain/Strain Rate)
- R-MQA (TDI with QA)
- Stress Echo
- Auto EF

UROLOGY



- BCC9-5 for Transrectal scanning and Biopsy
- BCL10-5 for Transperineal Biopsy
- Auto Bladder
- Prostate CEUS
- Biopsy Grid

INTERVENTION



- Full Range of Intraoperative Probes (T, I, L shapes)
- Micro-convex Probe for intercostal scanning
- CEUS+
- Vis-Needle
- Beam Steering



TALENTED FEATURES
INSPIRE MORE
APPLICATIONS

ADVANCED ABD SOLUTIONS
ELEVATED CAPABILITY READY FOR MORE CHALLENGES



3C-A



C613



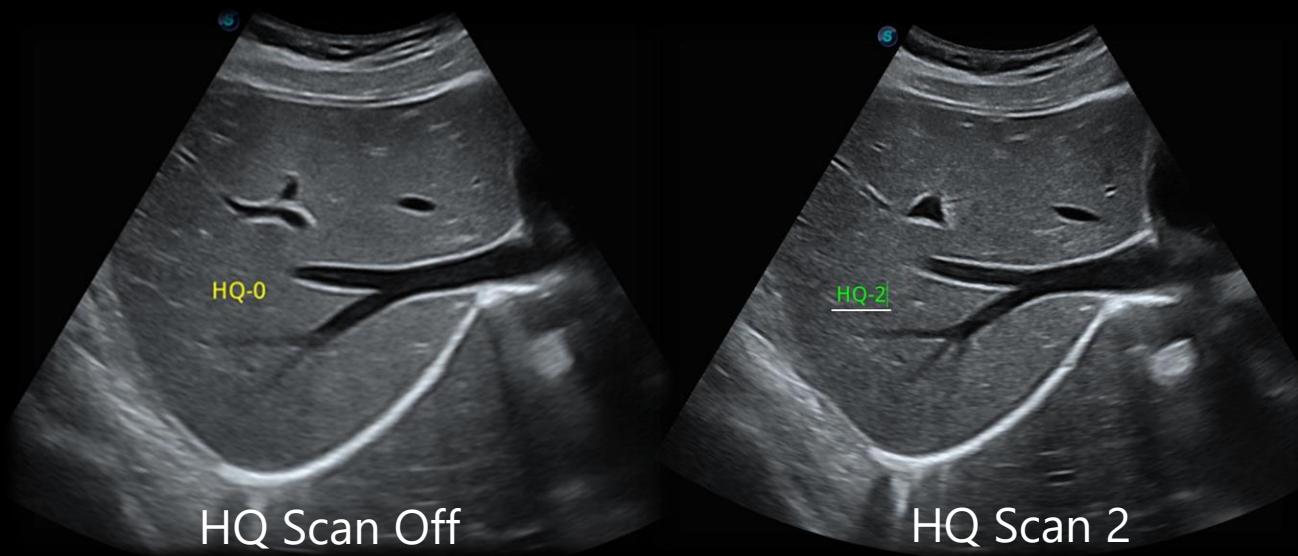
C322



TALENTED FEATURES
INSPIRE MORE
APPLICATIONS

ADVANCED ABD IMAGING SOLUTIONS
ELEVATED CAPABILITY READY FOR MORE CHALLENGES

HQ Scan



- 2D contrast resolution enhancement technology
- Improved image structure with better details
- Better visualization of border and margin of lesions, nodules and tumors

Bright Flow



- 3D visualization of color Doppler flow
- Intuitive blood flow display, especially for boundary definition of tiny vessels

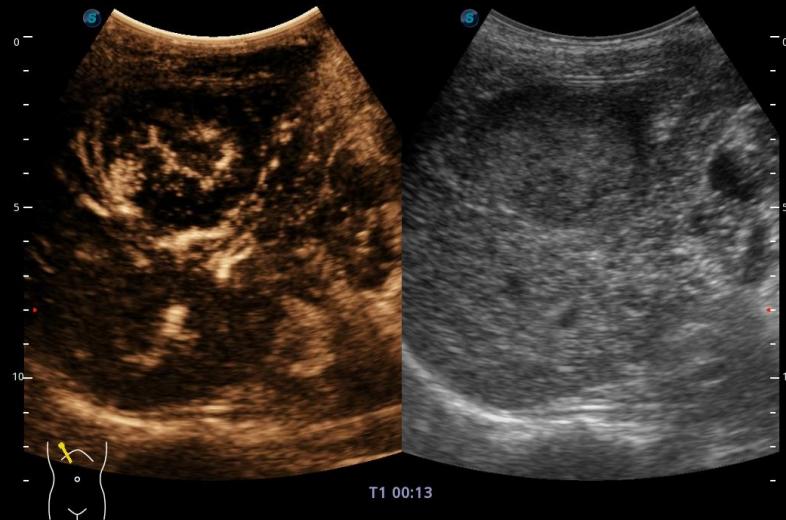
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TALENTED FEATURES
INSPIRE MORE
APPLICATIONS

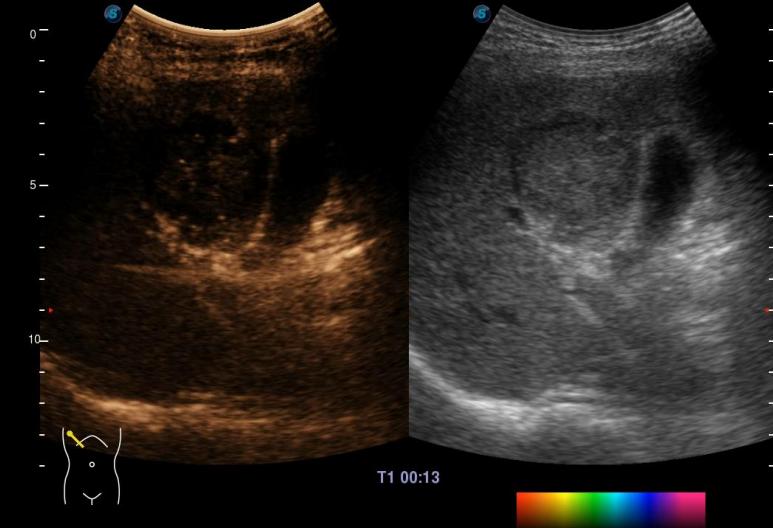
ADVANCED ABD IMAGING SOLUTIONS
ELEVATED CAPABILITY READY FOR MORE CHALLENGES

MFI



- Amplifies Temporal Perfusion Signal
- Accumulates signal of contrast agents through time for better view of tiny vessel perfusion

MFI TIME



- Color Codes Arrival Time of Contrast Agents
- Intuitively show the different arrival time when the contrast agent reaches different tissue areas

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TALENTED FEATURES
INSPIRE MORE
APPLICATIONS

ADVANCED THYROID/ BREAST IMAGING FEATURES
STRIVE FOR A COMPREHENSIVE SOLUTION FOR
THYROID/ BREAST EVALUATION

12L-B



9L-A



12L-A

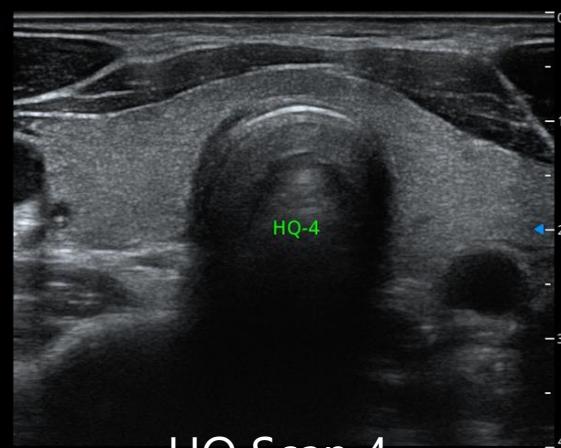
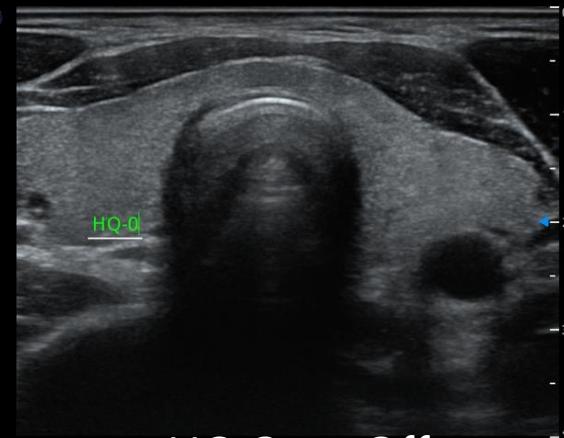




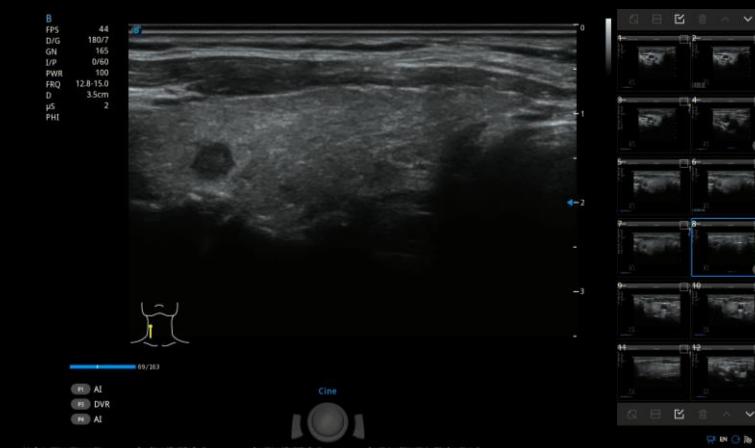
TALENTED FEATURES
INSPIRE MORE
APPLICATIONS

ADVANCED THYROID/ BREAST IMAGING FEATURES
STRIVE FOR A COMPREHENSIVE SOLUTION FOR
THYROID/ BREAST EVALUATION

HQ Scan



S-Thyroid



- 2D contrast resolution enhancement technology
- Improved image structure with better details
- Better visualization of border and margin of lesions, nodules and tumors

- Quick auto contour for thyroid lesion boundaries and auto measurement for lesion size
- Supports TI-RADS lexicon classification
- Effectively reduces the unnecessary biopsy rate for patient-centered purpose

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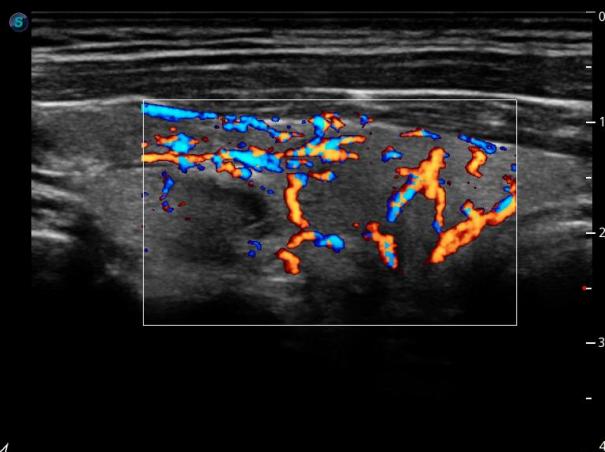


TALENTED FEATURES
INSPIRE MORE
APPLICATIONS

ADVANCED THYROID/ BREAST IMAGING FEATURES
STRIVE FOR A COMPREHENSIVE SOLUTION FOR
THYROID/ BREAST EVALUATION

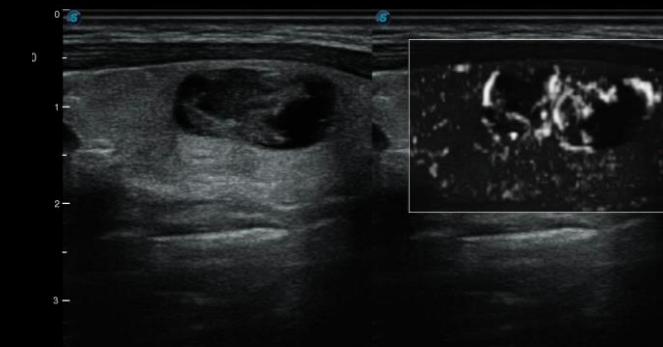
SR Flow

- More easily filters out tissue signal and artifacts and reserves blood flow signals
- Higher blood sensitivity and realistic hemodynamics



Micro F

- An innovative technique that effectively distinguishes minute vessels and low velocity flows
- Detailed views of blood flow to evaluate vascularity of lesions, nodules and tumors in small parts



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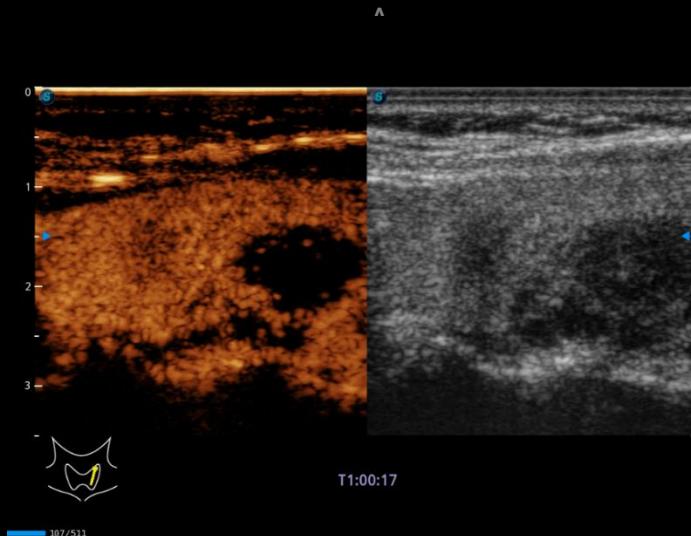


TALENTED FEATURES
INSPIRE MORE
APPLICATIONS

ADVANCED THYROID/ BREAST IMAGING FEATURES
STRIVE FOR A COMPREHENSIVE SOLUTION FOR
THYROID/ BREAST EVALUATION

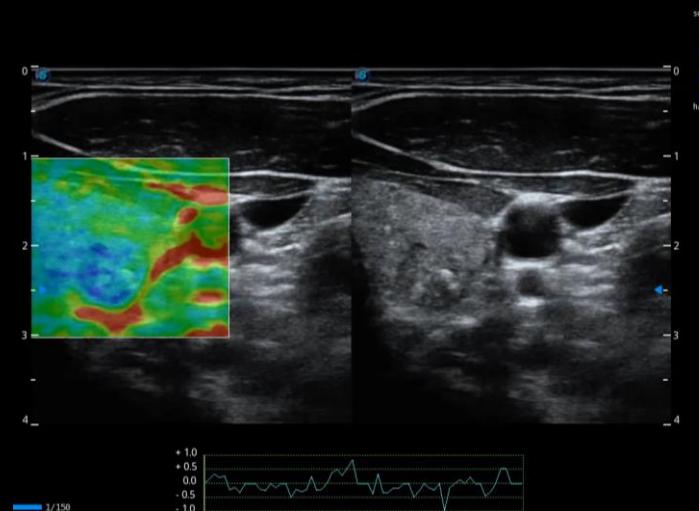
SMP CEUS

Supports Thyroid and Breast CEUS with 12L-A and 9L-



- Higher sensitivity with both 2nd harmonic and non-linear fundamental
- Precise transmission control for a higher CTR (Contrast to Tissue Ratio)
- Non-linear fundamental CEUS has greater contribution for penetration

Strain Elastography



- Strain elastography for tissue stiffness evaluation
- Professional semi-quantitative analysis with strain ratio indicating tissue elasticity

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TALENTED FEATURES
INSPIRE MORE
APPLICATIONS

ADVANCED OB/GYN IMAGING SOLUTIONS
ATTENTIVE CARE ENSURES HEALTHY FETAL
DEVELOPMENT

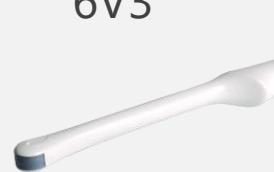
3C-A



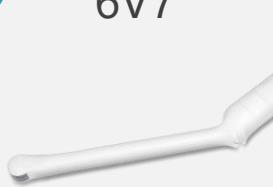
VC6-2



6V3



6V7



VE9-5



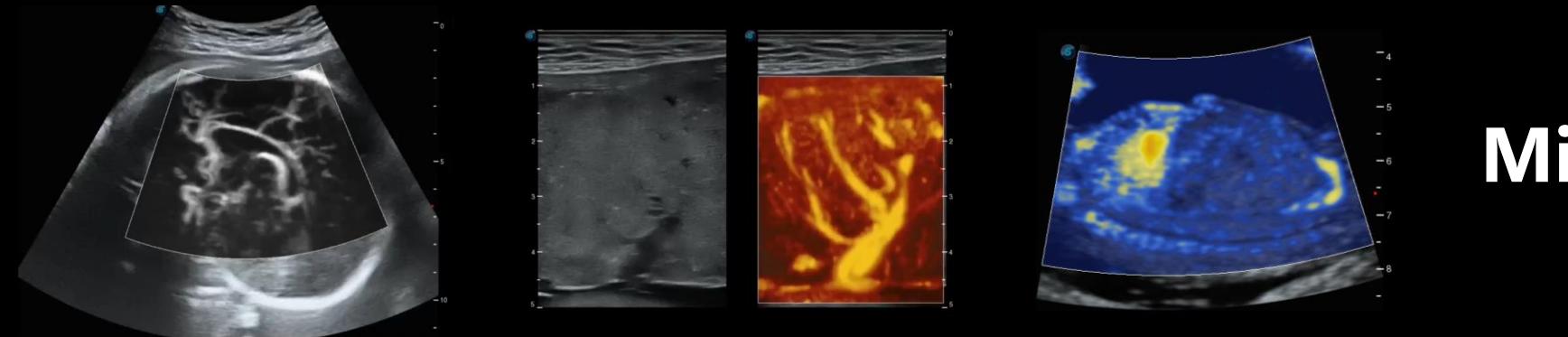
6V3A





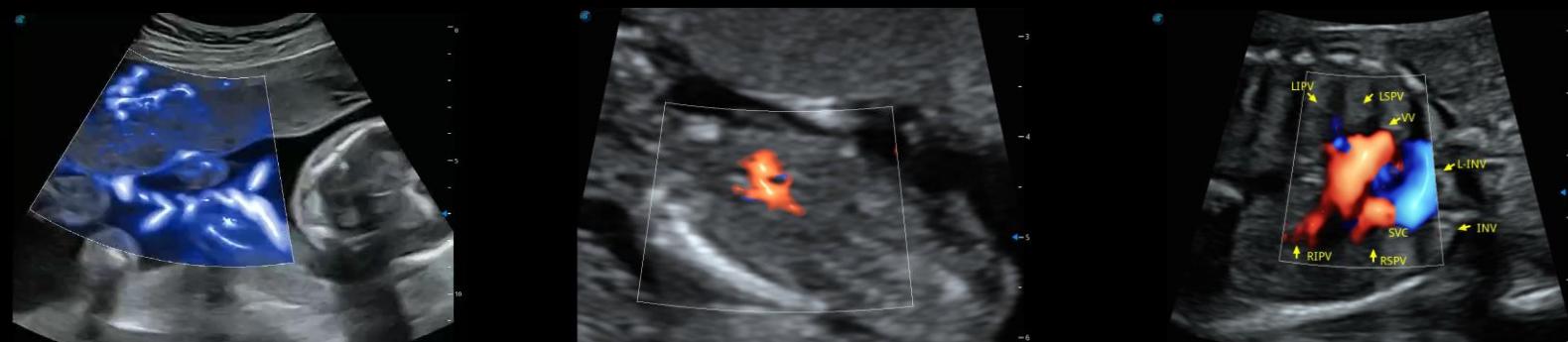
TALENTED FEATURES
INSPIRE MORE
APPLICATIONS

ADVANCED OB/GYN IMAGING SOLUTIONS
ATTENTIVE CARE ENSURES HEALTHY FETAL
DEVELOPMENT



Micro F

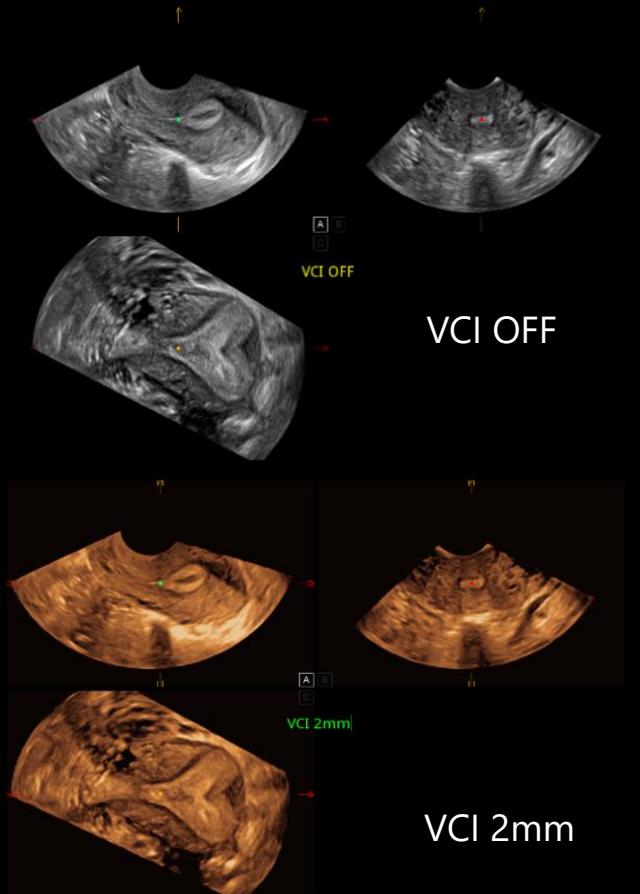
**Bright
Flow**



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TALENTED FEATURES
INSPIRE MORE
APPLICATIONS



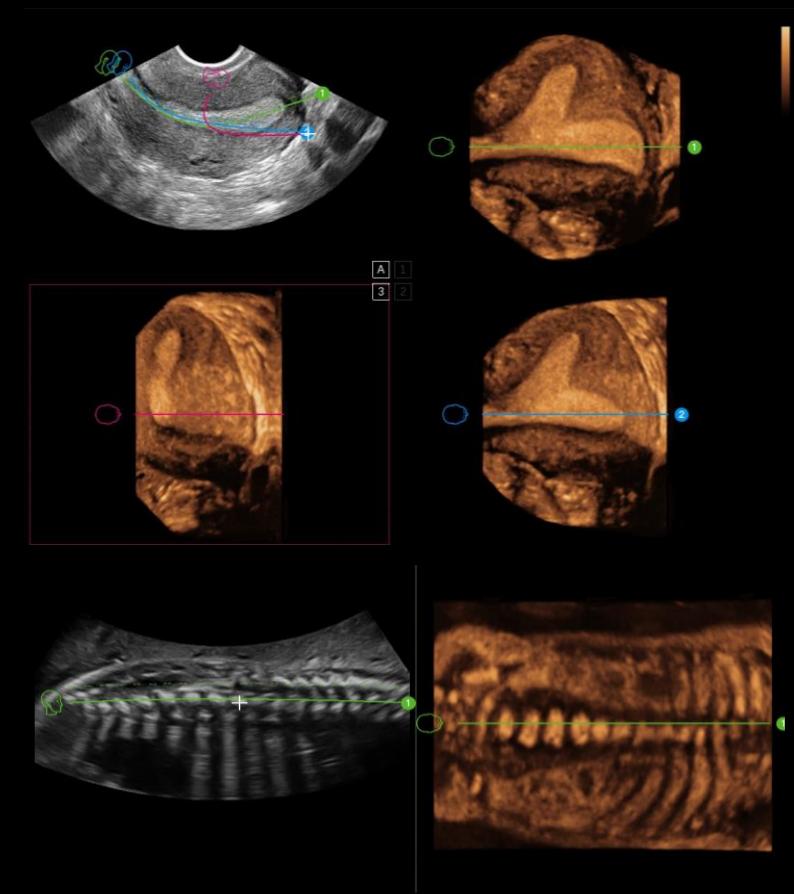
VCI

- Applies a slice with a certain thickness and rendering techniques on volume data to increase contrast resolution

FreeVue

- Acquire any plane from 3D/4D volume data by simply defining a line in any shape. This feature makes it possible to view integral irregularly shaped structures not available in 2D imaging

ADVANCED OB/GYN IMAGING SOLUTIONS
ATTENTIVE CARE ENSURES HEALTHY FETAL
DEVELOPMENT



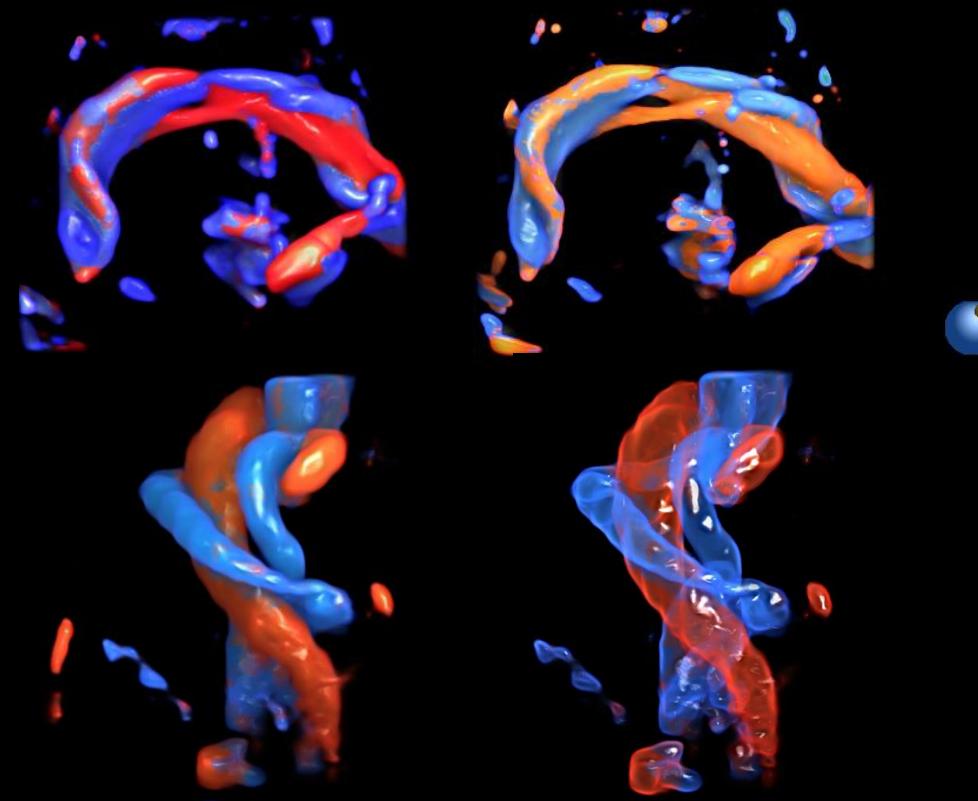
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TALENTED FEATURES
INSPIRE MORE
APPLICATIONS

ADVANCED OB/GYN IMAGING SOLUTIONS
ATTENTIVE CARE ENSURES HEALTHY FETAL
DEVELOPMENT

Color 3D



S-Live Flow

- More intuitive and more realistic blood flow imaging
- Better spatial resolution of vascular networks
- Simultaneously display the speed and direction of the flow through color changes

S-Live Flow Silhouette

- Display transparency and border of 3D blood vessels
- It enables to see the shape of flow even behind the vessels which show more comprehensive view of vascular anatomy

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TALENTED FEATURES
INSPIRE MORE
APPLICATIONS

ADVANCED OB/GYN IMAGING SOLUTIONS
ATTENTIVE CARE ENSURES HEALTHY FETAL
DEVELOPMENT



S-Live Pro

- S-Live Pro is consist of **S-Live**, **S-Live Silhouette** and **S-Live Contour**.
- Improved **S-Live** rendering mode by enhancing virtual lighting effect (especially backlight) and bringing a high-quality stereoscopic image of natural shadow and skin texture
- **S-Live Silhouette** rendering mode to see through the surface and clearly delineates the outlines of bones, organs, cavities, vessel walls and other internal structures.

The clinician can adjust S-Live Silhouette percentage with controlling threshold for visualizing the region of interest.
- By applying **S-Live Contour**, it is possible to visualizes interior and exterior structure and provide additional information for detailed anatomic evaluation to diagnose abnormalities.

SonoScape



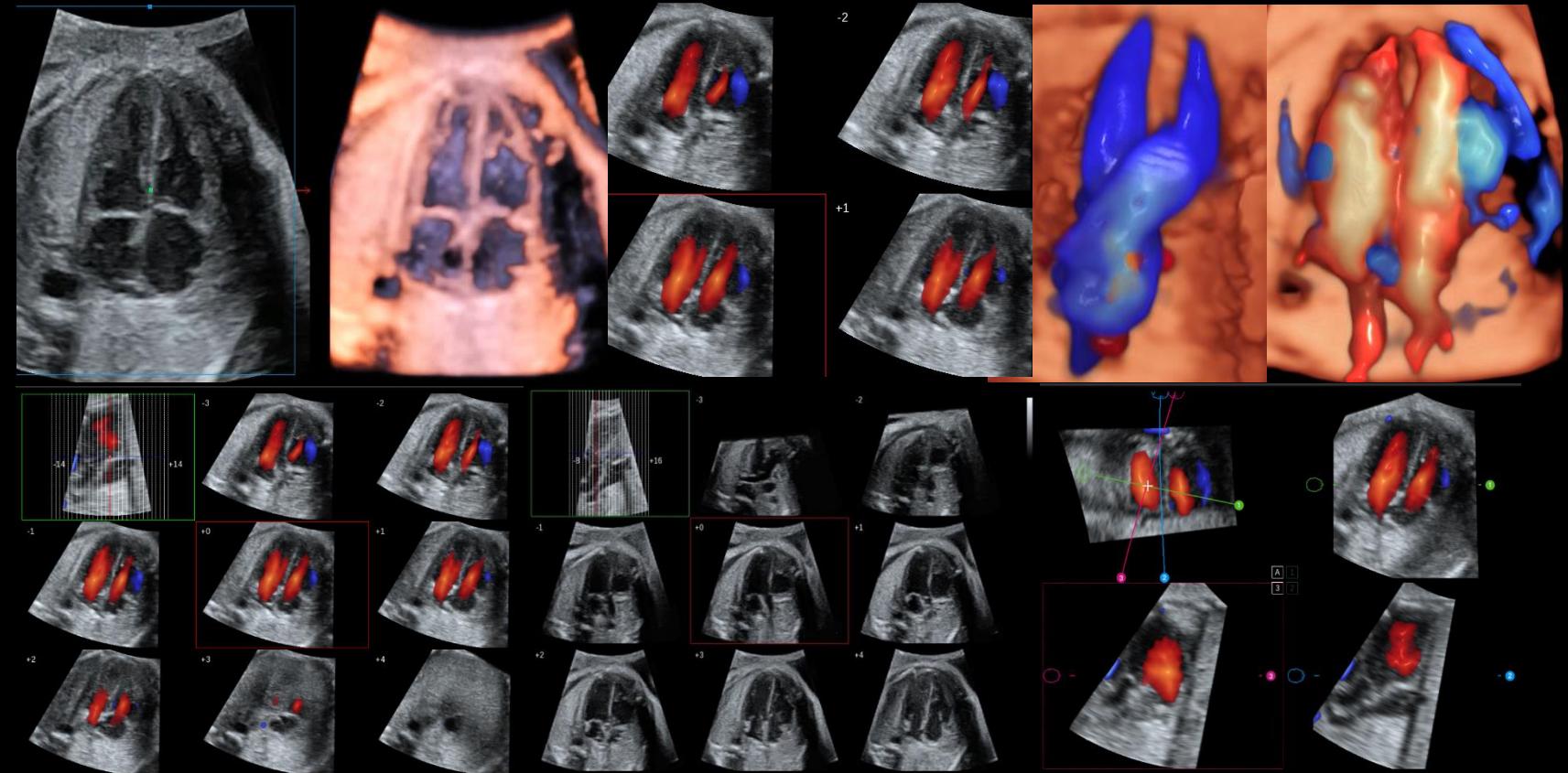
TALENTED FEATURES
INSPIRE MORE
APPLICATIONS

ADVANCED OB/GYN IMAGING SOLUTIONS
ATTENTIVE CARE ENSURES HEALTHY FETAL
DEVELOPMENT

STIC

Spatio-temporal Image
Correlation

- Fast acquisition with high frame in 8-12s
- Moving detection of fetal anatomy structures
- Supports SR Flow and Bright Flow
- Supports Multi-Slice Viewing and FreeVue Viewing
- Helpful diagnostic tool for fetal congenital heart disease



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TALENTED FEATURES
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APPLICATIONS

PROFESSIONAL TOOLKITS FOR VASCULAR HEALTH EVALUATION

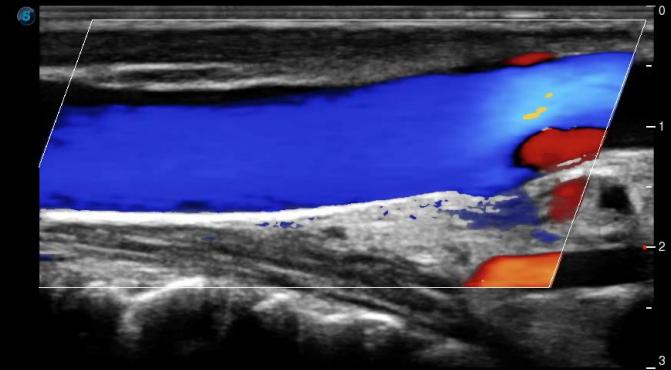
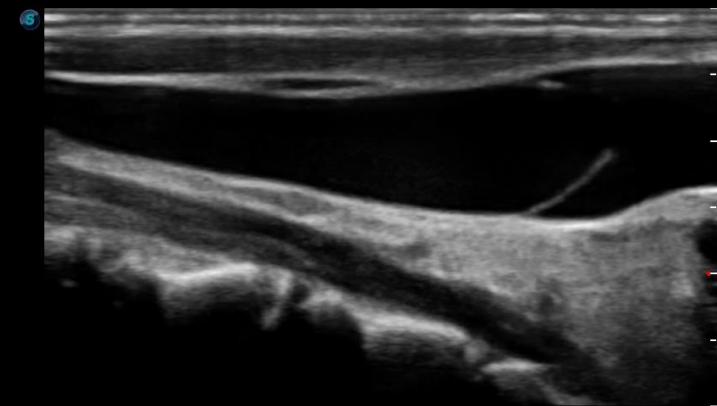
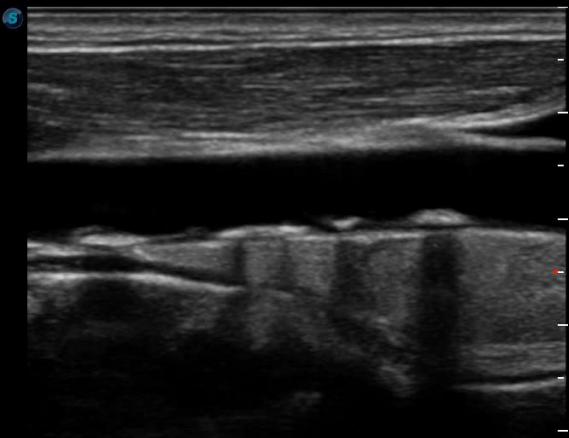
ADVANCED VASCULAR SOLUTIONS





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APPLICATIONS

ADVANCED VASCULAR SOLUTIONS
PROFESSIONAL TOOLKITS FOR VASCULAR HEALTH EVALUATION



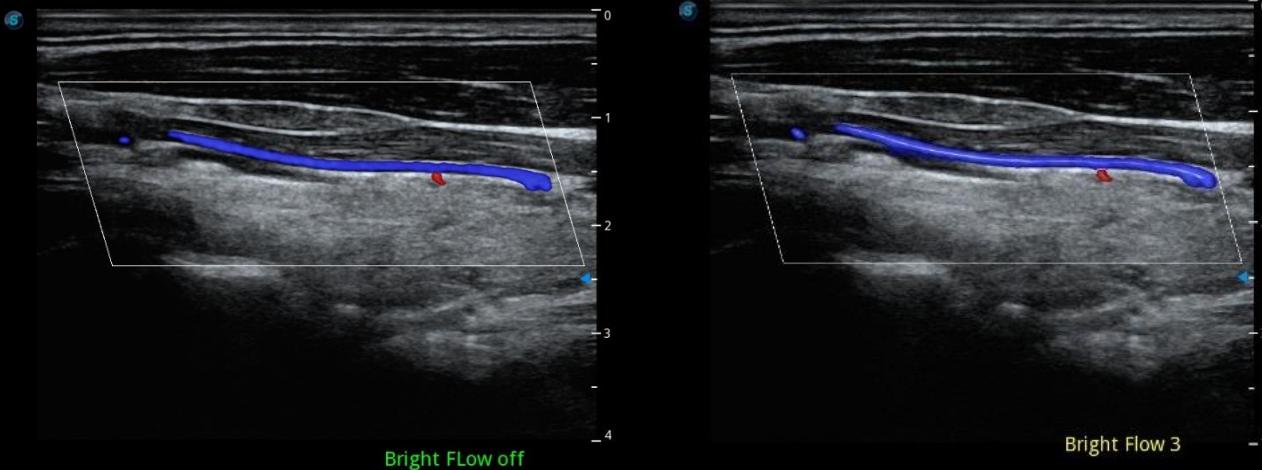
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APPLICATIONS

ADVANCED VASCULAR SOLUTIONS
PROFESSIONAL TOOLKITS FOR VASCULAR HEALTH EVALUATION

Bright Flow



- 3D visualization of color Doppler flow
- Intuitive blood flow display, especially for boundary definition of tiny vessels

Auto IMT



- Easy measurement of anterior and posterior intima-media thickness by drawing a ROI box
- Provides potentially more consistent results than measuring manually

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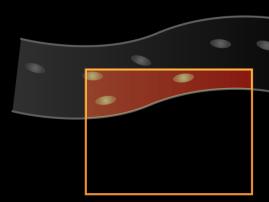


TALENTED FEATURES
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APPLICATIONS

ADVANCED VASCULAR SOLUTIONS
PROFESSIONAL TOOLKITS FOR VASCULAR HEALTH EVALUATION

Auto C

Original ROI Box



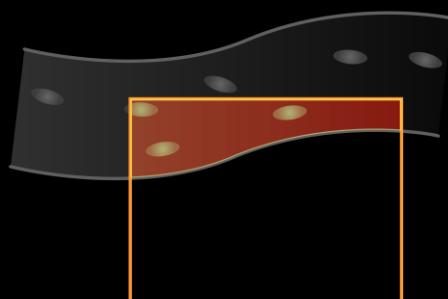
ROI Box Positioning



ROI Box Steering

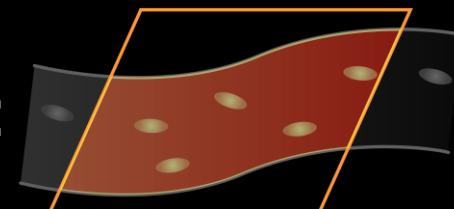


BEFORE



Auto C

AFTER



B
FPS 17
D/G 180/9
GN 135
L/P 1/50
PWR 80
FRQ 10.2-12.0
D 4.0cm
μS 2
PHI 0.8
CFM
PRF 3.0
WF 150
GN 10
C/P 7/60
PWR 80
FRQ 5.1
Auto



- Automatically detects the Doppler signal of vessels and adjusts ROI box and steering angle
- Optimizes intuitively color Doppler performance

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APPLICATIONS

ADVANCED VASCULAR SOLUTIONS
PROFESSIONAL TOOLKITS FOR VASCULAR HEALTH EVALUATION

Sono Assistant

(for Vascular Application)

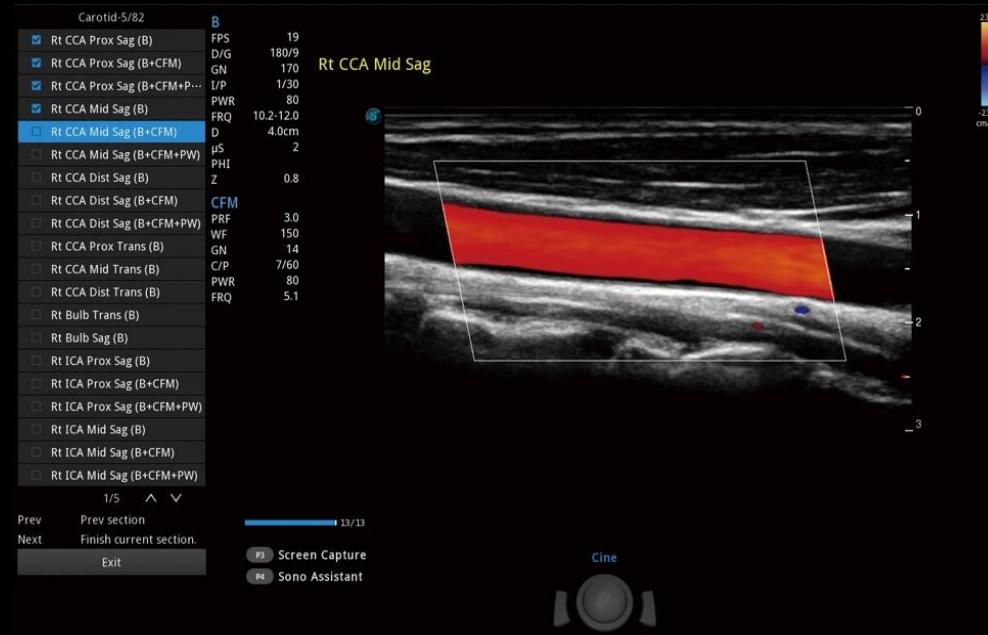
Scanning Sequences Standardization and Auto Workflow

Vascular Protocols include:

- Completed Carotid / General Carotid
- LEA/ LEV (DVT)/LEV (Reflux)

Automation features include:

- Automatic insertion of comments
- Automatic setup of imaging controls and modes
- Automatic steering in color and pulsed Doppler modes
- Initiation and auto completion of required measurements
- Intuitive advancement to the next step in an exam



- Automate the ultrasound scanning sequence
- Increase productivity and standardize documentation
- Significantly reduces keystrokes and exam time

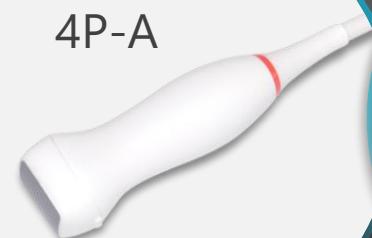
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APPLICATIONS

ADVANCED CARDIAC SOLUTIONS
MAKES EVERY PULSE INFORMATIVE

4P-A



7P-A



8P1

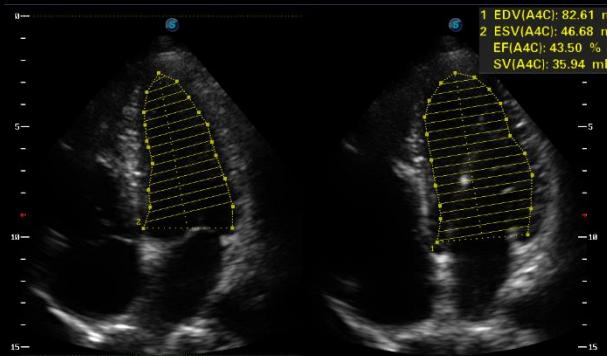




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APPLICATIONS

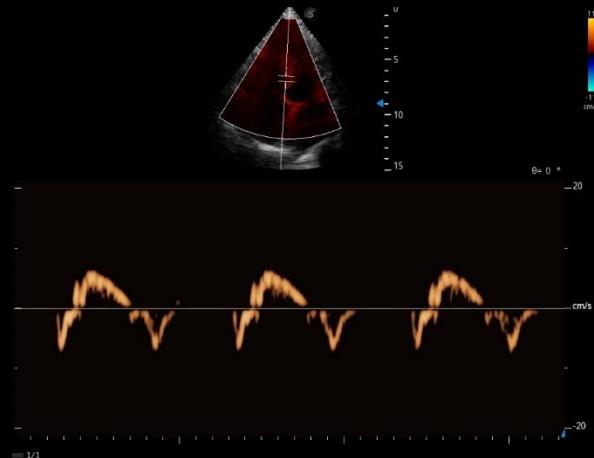
ADVANCED CARDIAC SOLUTIONS
MAKES EVERY PULSE INFORMATIVE

Auto EF



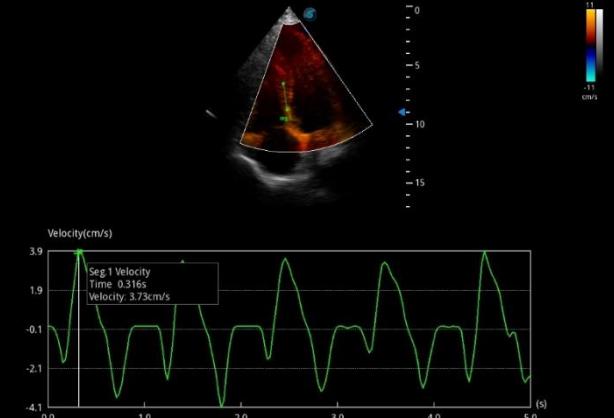
- Automatic ejection fraction calculation based on left ventricular wall tracing and Simpson's rule
- Save time and efforts compared with manual measurement

TDI with PW



- Uses myocardial Doppler frequency shifts to quantify myocardial tissue motion
- Complete TDI imaging modes

TDI with QA (G-MQA)



- Dedicated quantification tool for TDI velocity, strain, strain rate, time to peak analysis
- Up to 20 of interest segments

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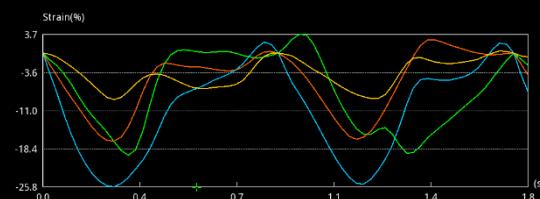
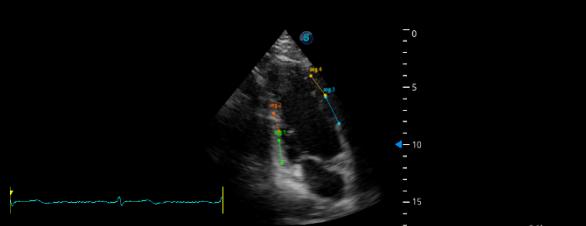
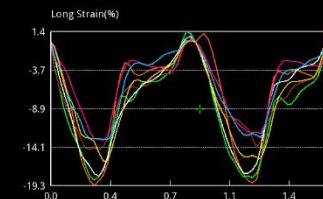
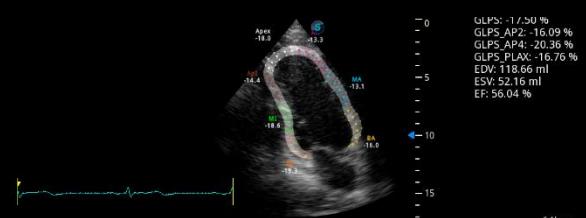
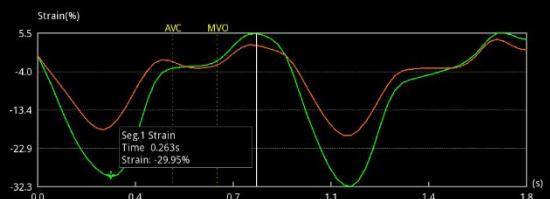
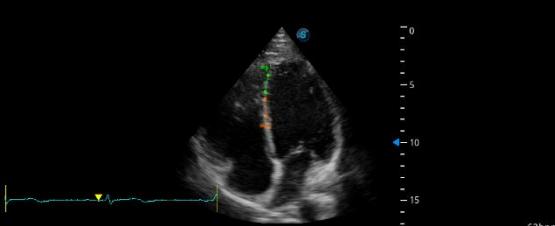
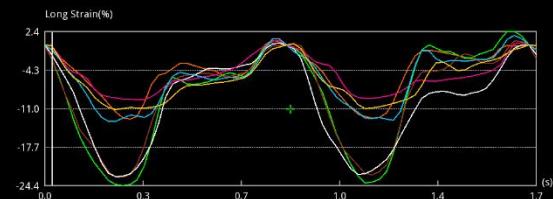
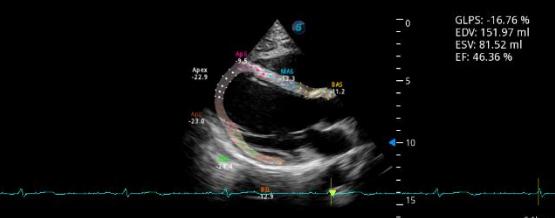
TALENTED FEATURES INSPIRE MORE APPLICATIONS

ADVANCED CARDIAC SOLUTIONS MAKES EVERY PULSE INFORMATIVE

MQA

Tissue Tracking for Precise Evaluation of Myocardial Movement

- Precise left ventricular wall motion detection with real-time sensitive tissue tracking
- Global and regional quantitative analysis on myocardial movement
- Multiple quantification analysis provided (Velocity/Displacement/Strain/Strain Rate/Volume/Bull's Eye Diagram)



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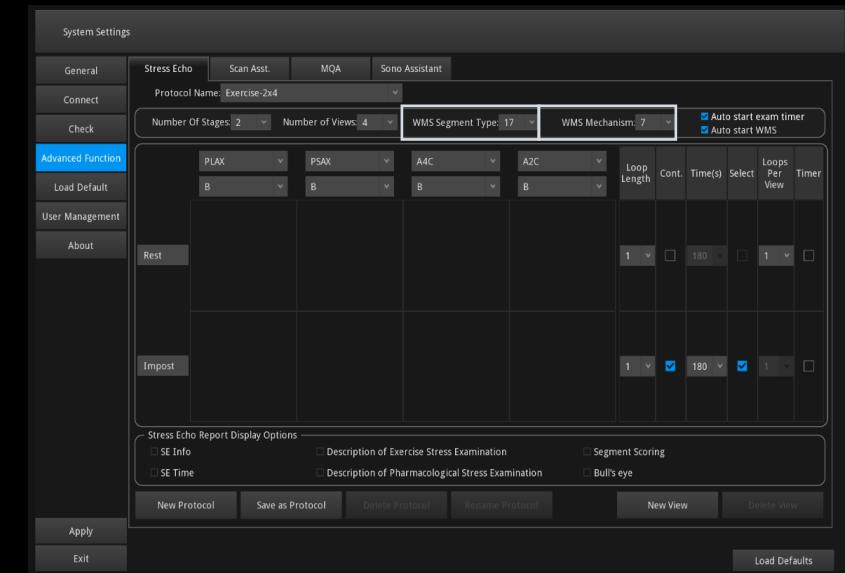
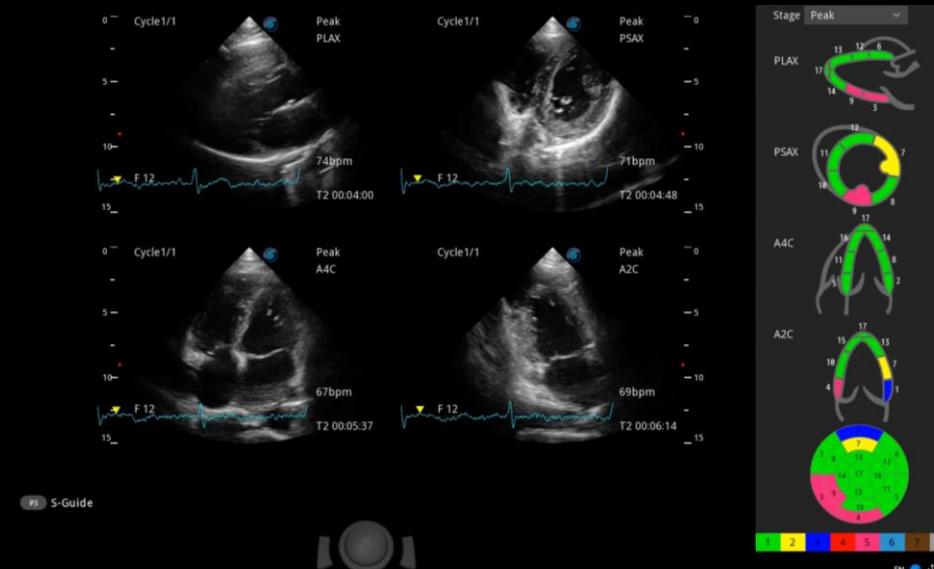


TALENTED FEATURES
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APPLICATIONS

ADVANCED CARDIAC SOLUTIONS
MAKES EVERY PULSE INFORMATIVE

Stress Echo

- Customized versatile exercise and pharmacologic protocols
- 7-point system or 5-point system can be set
- 16 or 17 segments can be set
- Supports bull's-eye diagram and WMS result display and reporting
- Supports Left ventricle opacification



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TALENTED FEATURES
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APPLICATIONS

ADVANCED UROLOGY SOLUTIONS
THOROUGH IMAGING EVIDENCES FOR PRECISE
DIAGNOSIS



BCC9-5



BCL10-5



3C-A



12L-A



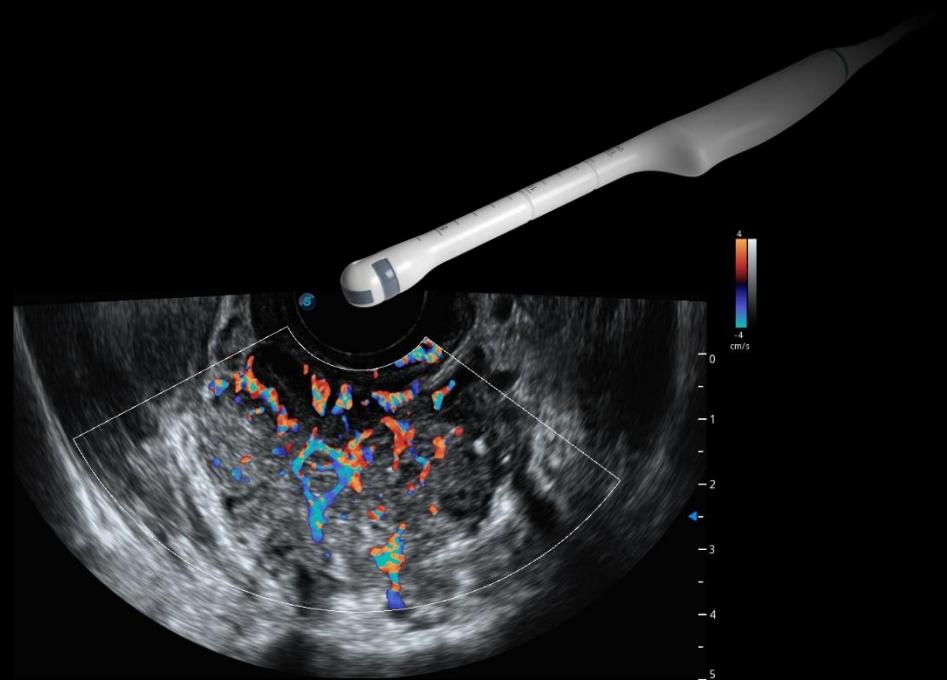
TALENTED FEATURES
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APPLICATIONS

ADVANCED UROLOGY SOLUTIONS
THOROUGH IMAGING EVIDENCES FOR PRECISE
DIAGNOSIS

Professional Urology Transducer BCC9-5

- Simultaneous biplanar transrectal transducer convex/convex
- Slender design for minimizing patient discomfort
- Simultaneous images of the sagittal and transverse planes provide a clear indication of needle placement for quicker and more confident biopsies
- Advanced technologies including CEUS, Compression elastography

B	
FPS	8
D/G	160/6
GN	155
I/P	0/10
PWR	80
FRQ	6.5-8.5
D	5.0cm
μ S	4
Z	0.8
PHI	
CFM	
PRF	0.5
WF	80
GN	14
C/P	5/60
PWR	100
FRQ	4.5



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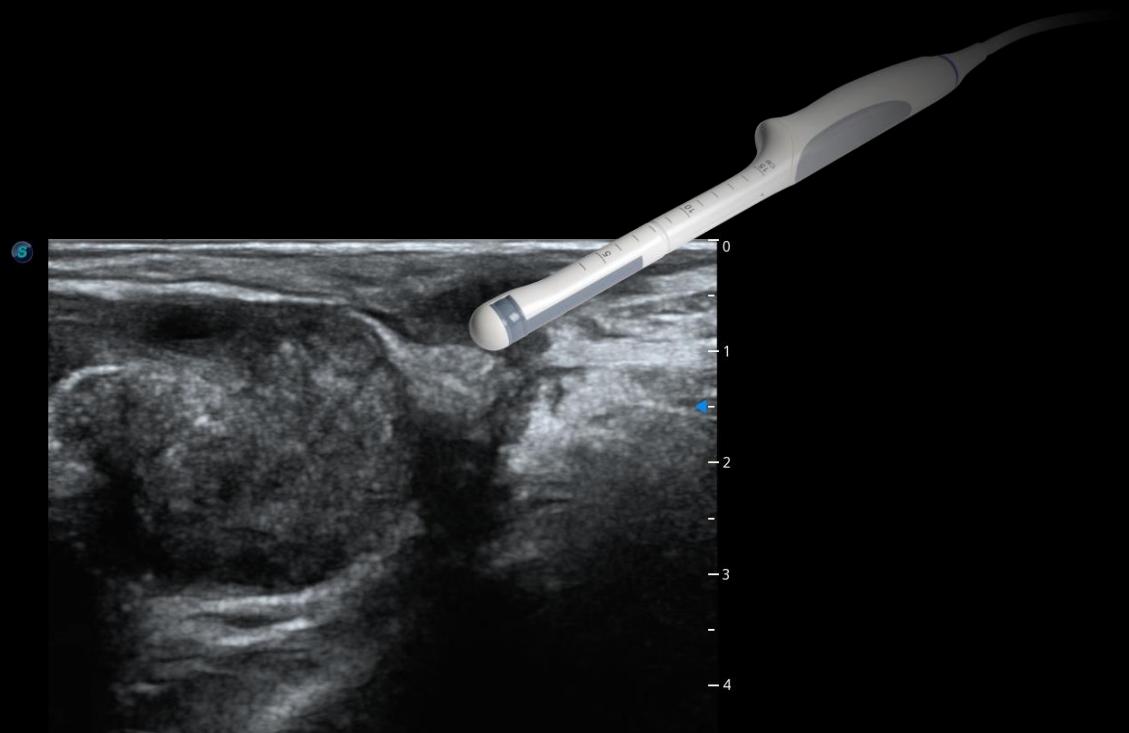
TALENTED FEATURES
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APPLICATIONS

ADVANCED UROLOGY SOLUTIONS
THOROUGH IMAGING EVIDENCES FOR PRECISE
DIAGNOSIS

Professional Urology Transducers

BCL10-5

- Biplanar transrectal transducer convex/linear
- Sagittal scanning of any size prostate from base to apex
- Clear and detailed image, for accurate volume studies and source dose planning
- Customizable sagittal grids and preferences for brachytherapy
- Clear view of needle placement



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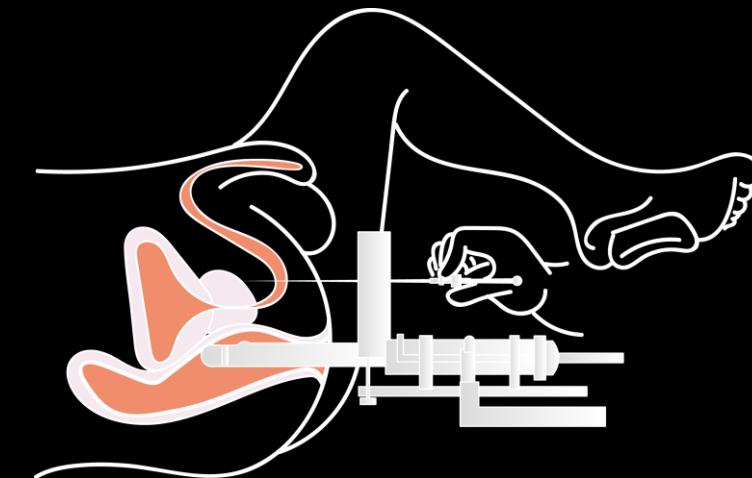
TALENTED FEATURES
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APPLICATIONS

ADVANCED UROLOGY SOLUTIONS
THOROUGH IMAGING EVIDENCES FOR PRECISE
DIAGNOSIS



TRANSRECTAL BIOPSIES

- Endocavity Biplane Transducer BCC9-5
- HQ Scan
- Micro F
- Prostate CEUS
- Strain Elastography



TRANSPERINEAL BIOPSIES

- Prostate Biplane Transducer BCL10-5
- HQ Scan
- Micro F
- Dual Live
- Biopsy Grid for seed implantation

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APPLICATIONS

ADVANCED INTERVENTIONAL TRANSDUCERS
TAILORED TREATMENT SOLUTIONS TO ENLIGHTEN HOPE



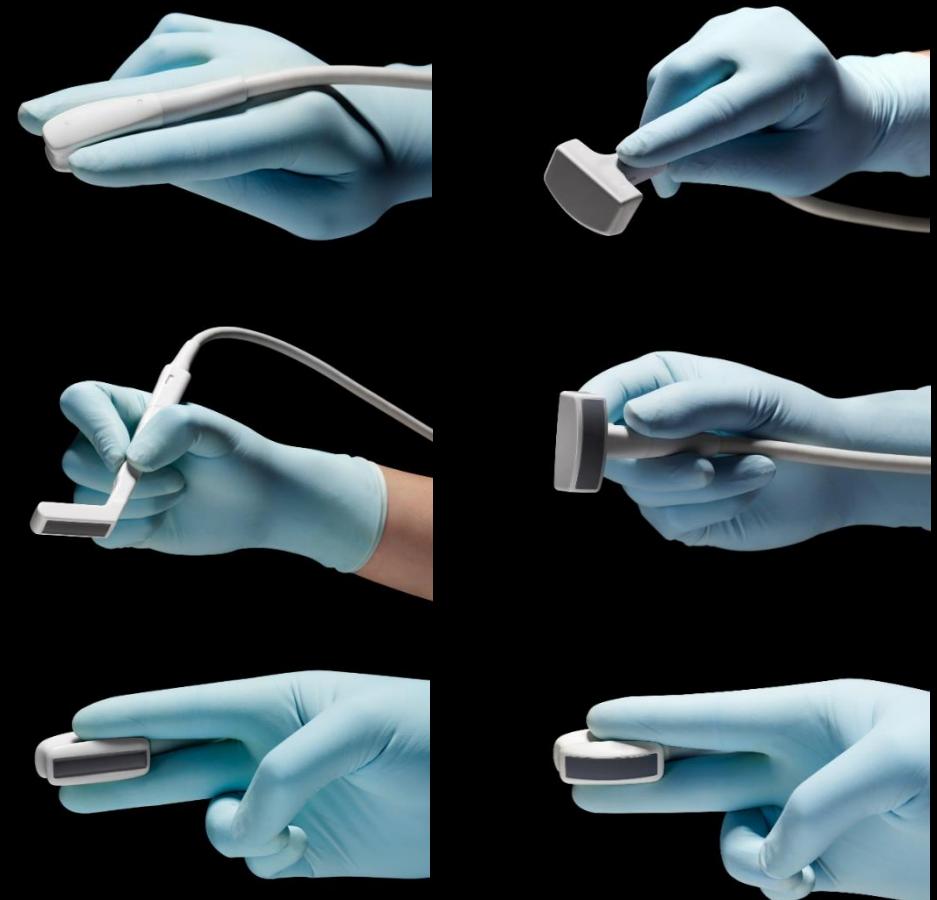


TALENTED FEATURES
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APPLICATIONS

ADVANCED INTERVENTIONAL TRANSDUCERS
TAILORED TREATMENT SOLUTIONS TO ENLIGHTEN HOPE

Comprehensive Intraoperative Transducers

- The use of intraoperative probes in open surgery has profound meaning in diagnosis and decision making.
- A variety selection of hockey, "T" and "I" shape with linear and convex alignment makes it feasible to reach difficult positions.
- Compact and flexible design with a groove for finger placement is tailored for surgery operation.



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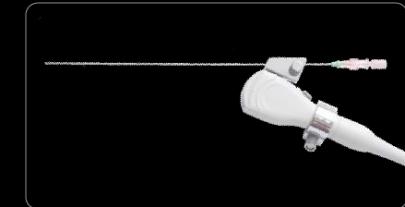


TALENTED FEATURES
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APPLICATIONS

ADVANCED INTERVENTIONAL TRANSDUCERS
TAILORED TREATMENT SOLUTIONS TO ENLIGHTEN HOPE

Dedicated interventional Transducer C322

- Wide bandwidth micro convex transducer
- Dedicated interventional transducer
- Hand-fit design and minimum blind area of biopsy
- Contrast Imaging for improved sensitivity and accuracy of lesion detection and classification
- Professional NGB (Easy separation of needle from NGB, Nanometer coating of NGB for better disinfection)



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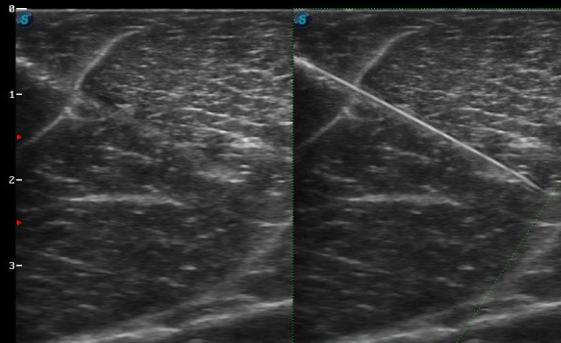


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APPLICATIONS

ADVANCED INTERVENTIONAL TRANSDUCERS
TAILORED TREATMENT SOLUTIONS TO ENLIGHTEN HOPE

Vis-Needle

FPS 30
D/G 120/4
GN 71
I/P 0/30
PWR 70
FRQ 9.5-13.6
D 4.0cm



- Dual Live Mode for comparison and multi angles for beam steering
- Vis-Needle delineates needle location when performing intervention such as nerve blocks
- Improved accuracy and efficiency in diagnosis are possible with beam steering added to Vis-Needle

Interventional ABD CEUS



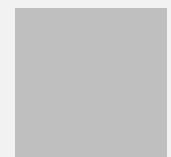
- Improved sensitivity and resolution of contrast bubbles on C322
- Provides higher contrast-to-tissue ratio (CTR) and better penetration
- MFI (Micro Flow Imaging) presents every detail in micro blood flow perfusion

SonoScape

04

Easeful Experience within Easy Reach

- 21.5" monitor
- 13.3" touch screen
- 5 probe socket
- Sono-help
- Smooth user interaction
- Live saving
- Quick export
- Swift probe / preset switch
- DICOM3.0





Optimized Design
Inspires More Easeful Scanning

SonoScape



Optimized Design Inspires More Easeful Scanning



Wifi connection



Sono-Help tutorial



Energy saving screen



Bluetooth control



Built-in manual



Stand-by mode



Sono-Synch

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Easy yet Clever Workflow



13.3"

tilting touch screen

To accommodate user viewing
preference in any scanning
environment

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Easy yet Clever Workflow

Cable Management System

To arrange cables in a clear and tidy manner and reduce the risk of infection caused by unclean cables



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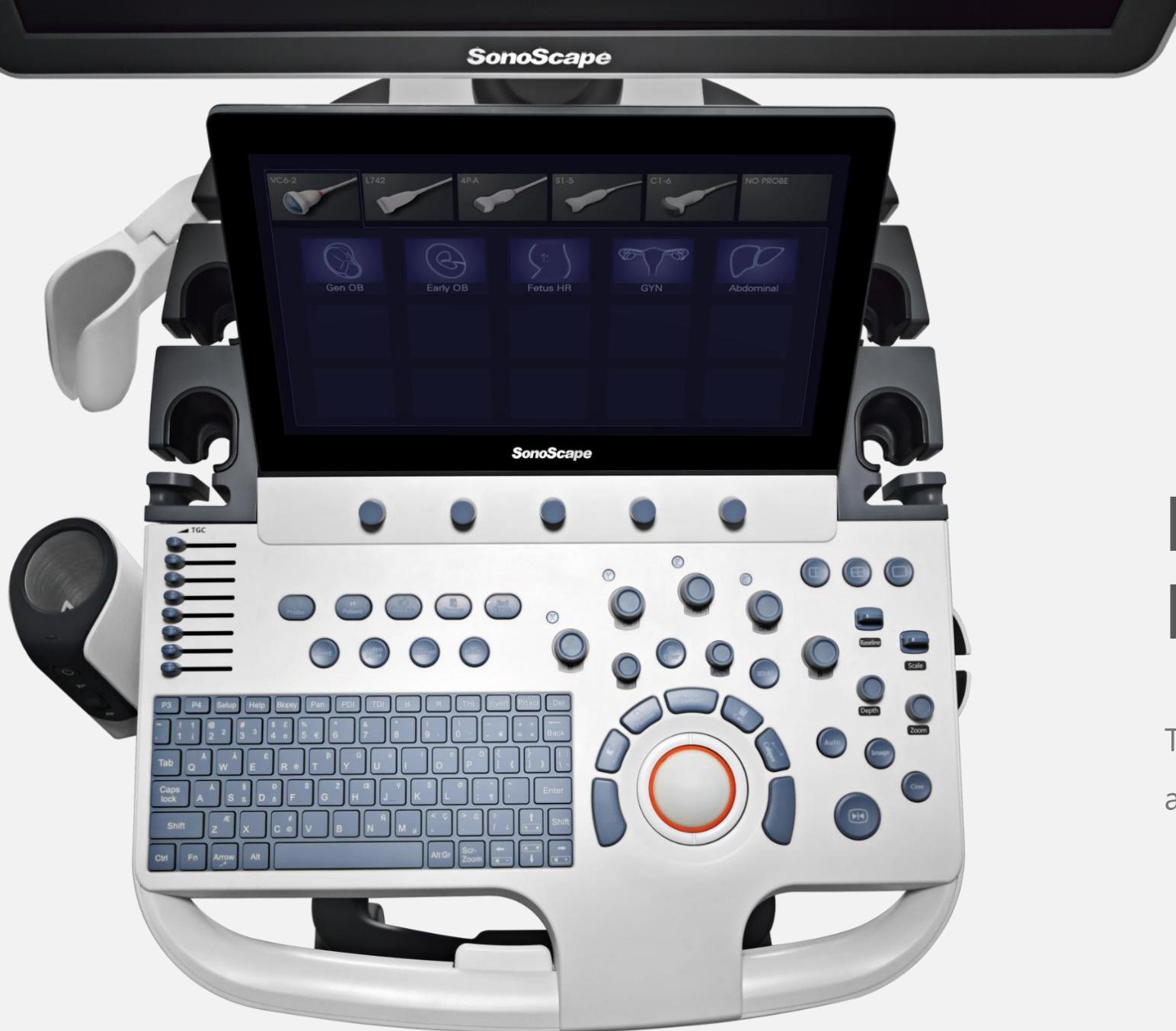
Easy yet Clever Workflow

Two-level adjustable gel warmer

To maintain ultrasound gel at a comfortable temperature and leave no detail for caring behind



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Easy yet Clever Workflow

Built-in high-capacity battery

To protect users from accidental pause
and data loss due to power outage

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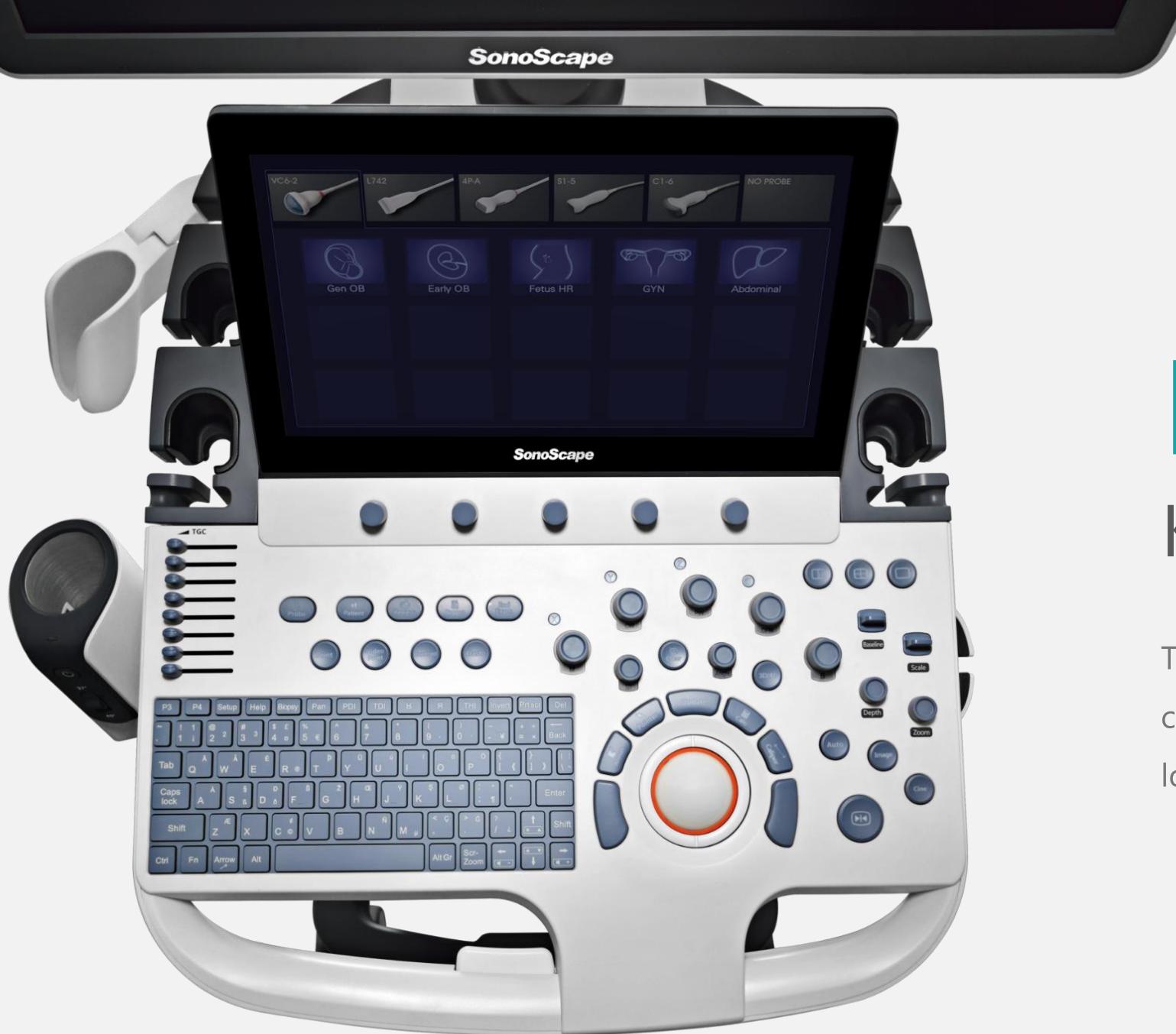
Easy yet Clever Workflow

Integrated Armrest

To provide support to the upper body, and guide arms into a relaxed position, placing less tension and pain on muscle



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Easy yet Clever Workflow

Back-lit Keyboard

To make the operation in darkness a comfortable experience and help the users locate the keys more easily

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Easy yet Clever Workflow



Five probe sockets

To save clinicians valuable time and energy by
relieving the trouble of changing transducers
frequently

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EASEFUL EXPERIENCE
WITHIN EASY REACH



Connected Workflow

Sono-Drop
Sono-Synch

Professional Tutorial

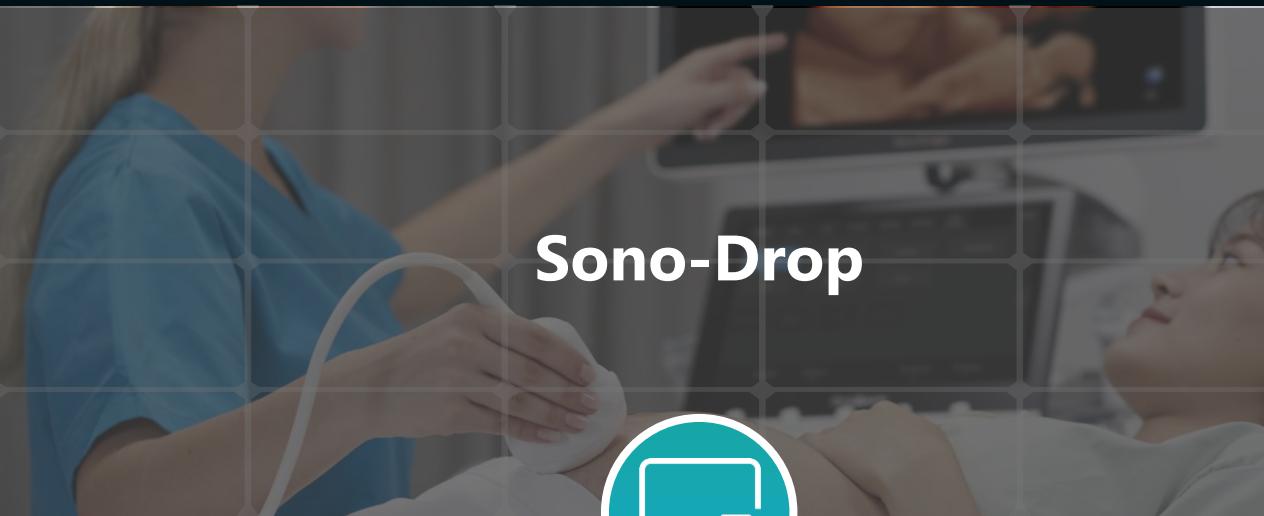
Sono-Help
Sono-Assistant

SonoScape



EASEFUL EXPERIENCE
WITHIN EASY REACH

CONSIDERATE USER INTERACTION
MAKES THE SCANNING WITH ULTRASOUND SILKY
SMOOTH



Sono-Drop



Fast and convenient on site wireless
ultrasound image transmission from the
ultrasound system to your smart phone



Sono-Synch



Real-time ultrasound interface
synchronization to serve and promote
high-quality remote medical
consultation

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EASEFUL EXPERIENCE
WITHIN EASY REACH

CONSIDERATE USER INTERACTION
MAKES THE SCANNING WITH ULTRASOUND SILKY
SMOOTH

Sono-Help

Scanning Tutorials Cover All Sorts of Applications

- Anatomical diagram illustrations including schematic and ultrasound picture
- Standard ultrasonogram comparison with real-time scanning
- Scanning reference picture demonstrating appropriate patient position and probe placement.

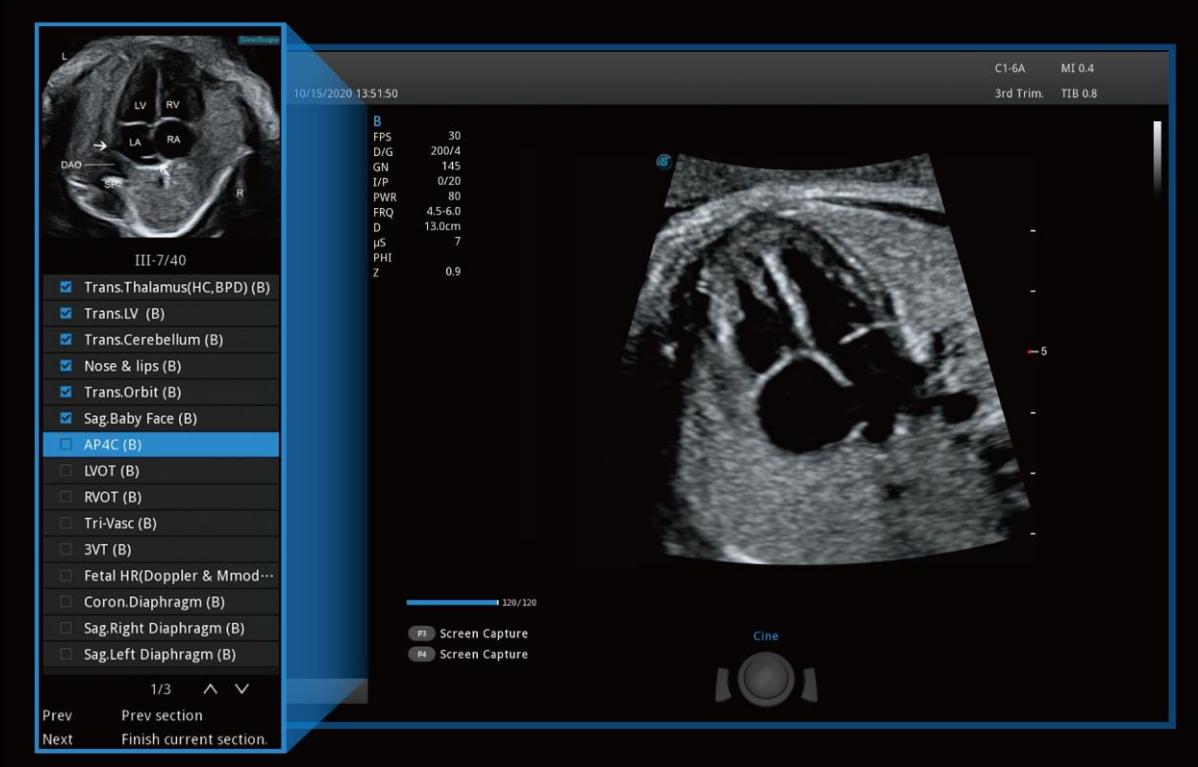


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EASEFUL EXPERIENCE
WITHIN EASY REACH

CONSIDERATE USER INTERACTION
MAKES THE SCANNING WITH ULTRASOUND SILKY
SMOOTH



Sono-Assistant

In-built Standard Scan Protocols
for More Consistency

- Helps streamline workflow while increasing standardization and reducing keystrokes and exam time by up to 50%
- Available on Vascular and OB application
- Templates are user configurable

SonoScape

Features Comparison

SonoScape

Items		P50 Elite	P40 Elite
Performance	Image Quality	Better ABD and OB image with single crystal convex Better cardiac image with single crystal phased array Better 3D-like color flow with well-defined vessel walls when Bright Flow is activated. Better color sensitivity and slow flow visualization with Micro F	=
Ergonomics	Sockets	5 Active	4 active+1parking
	Gel Warmer	Standard	Optional
	Built-in Battery	Optional	Optional
Probes	Convex	C1-6 single crystal as default	3C-A regular convex as default
	Phased Array	S1-5 single crystal as default	4P-A single sector as default
	TEE	Yes	No
	Laparoscopic	Yes	No
	GI Features	Optional ABD Contrast, SMP Contrast, S-Thyroid	Optional ABD Contrast, SMP Contrast, S-Thyroid
Features	OB/GYN Features	Optional S-Live/S-Live Silhouette/ S-Live Contour, S-Depth, STIC, Color 3D, VCI, FreeVue, S-Spine, GYN Contrast, AVC Follicle	Optional S-Fetus, S-Live/S-Live Silhouette/ S-Live Contour, S-Depth, STIC, Color 3D, VCI, FreeVue, S-Spine, GYN Contrast, AVC Follicle
	CV Features	Optional MQA, Stress echo , LVO	Optional MQA, Stress echo



Thanks for Listening

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