Overall Efficient Workflow

Allocate your precious time in image and diagnosis rather than searching and switching from items and buttons. The efficient workflow is aimed at improving your manipulation experience. Highly customized calculation and measurement tools are available with fewer steps needed.

S-station

Personalized editing tools and report templates ease your work

S-view

Simultaneous comparison among images and cines assists your diagnosis

Intuitive navigation layout for clear indication

S-helper

Embedded teaching software with 3D animation facilitates your practices

SIUI

HEADQUARTERS:
Shantou Institute of Ultrasonic Instruments Co., Ltd.
Add: No.77, Jinsha Road, Shantou 515041 Guangdong, China
Tel: 86-754-8825 0150 Fax: 86-754-8825 1499
http://www.siui.com E-mail: siui@siui.com

HONG KONG OFFICE:
Shantou Institute of Ultrasonic Instruments (HK) Co., Ltd.
Add: Room 2101, Tung Chiu Commercial Center 193 Lockhart Road, HK
Tel: 852-2891 6722 Fax: 852-2891 6723

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Apogee 6500 EN11210722

Apogee 6500

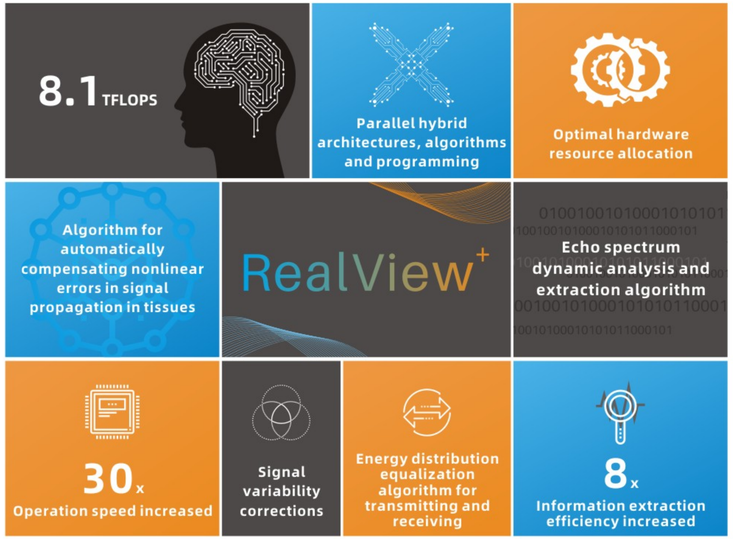
Digital Color Doppler
Ultrasound Imaging System

SIUI

High-end ultrasound system revolutionizes clinical decision making

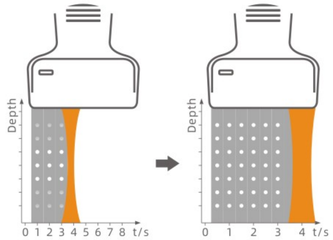
Powered by brand new platform **Realview**⁺, Apogee 6500, high-end color Doppler imaging system provides diagnostic solutions with exceptional imaging performance and efficient workflow.

Applied with innovated algorithm, **RealView**⁺ embodies enhanced scanning efficiency and user-oriented commitment. Advanced imaging technology is employed to present significantly updated image quality at a faster response speed. Streamlined workflow improves manipulation comfort. The platform empowers next-level imaging experience and solutions to satisfy diagnostic demands.



Pixel Echo Zone (PEZ)

During wide band imaging processing, the system automatically collects echo information by larger processing zone to enhance acquisition efficiency and computing speed. Increased image frame rate facilitates a better and faster diagnostic experience.



Target Focus

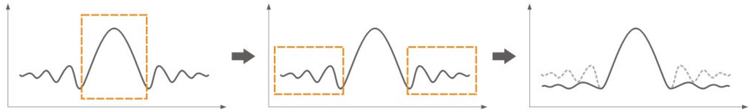
The image focus in near and far field requires different signal intensity. This upgraded technology provides automatic compensation in signal transmission to further improves focus accuracy and image uniformity in the entire image area.

Weighted Fusion（W-Fusion）

Dynamic analysis of Doppler echo spectrum enables the system to capture effective signal in both low and high frequency range. Precise control and fusion of these signals contribute to optimal image with better combination of resolution and penetration.

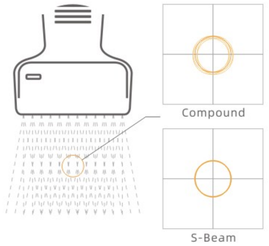
Tailored Filter

Invalid signals during transmission disturb imaging process inevitably. To reduce this impact, valid signals need to be strengthened. This technology filters signals in overall frequency band at different depth. Tailored processing will be made for enhancing valid signal and suppressing invalid signals to increase S/N ratio for a better image contrast.



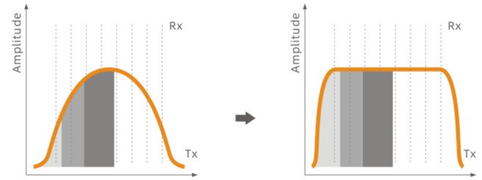
S-beam

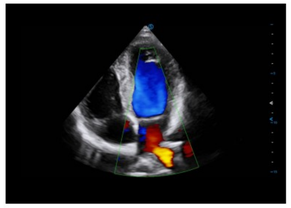
This technology traces and analyzes image information on multi-direction to suppress artifacts that come from tissue movement and rotation. The image quality and real-time capability are greatly boosted in special compound imaging.



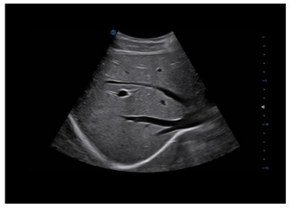
Echo Tune

Real-time intellectual analysis during wide band beam forming enables self-tuning in energy emitting and receiving. The image uniformity will be enhanced without compromising resolution of focus area.

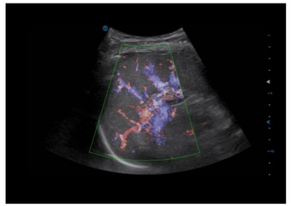




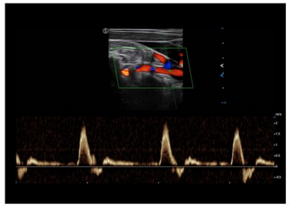
Heart



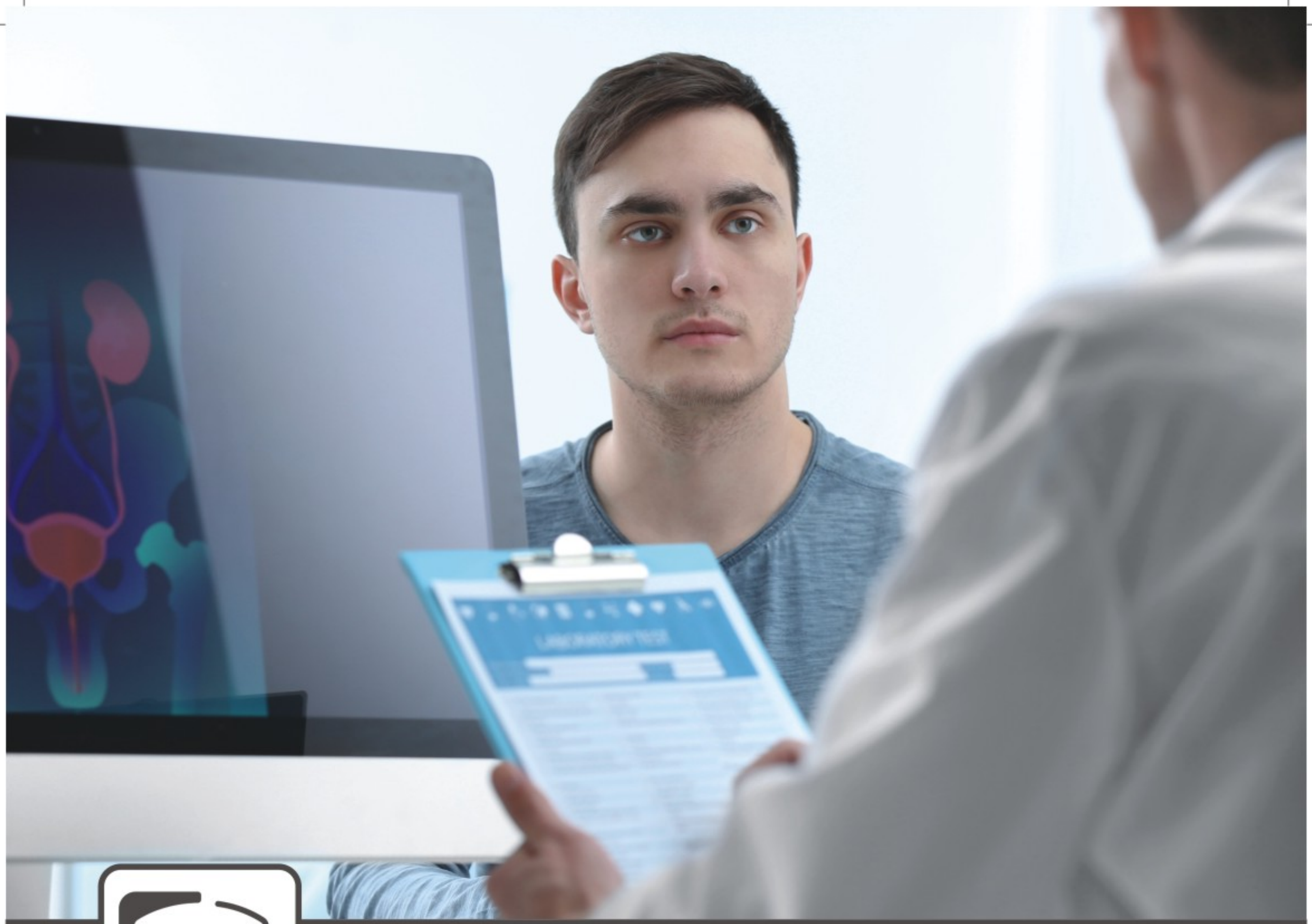
Liver



Spleen



Vertebral artery



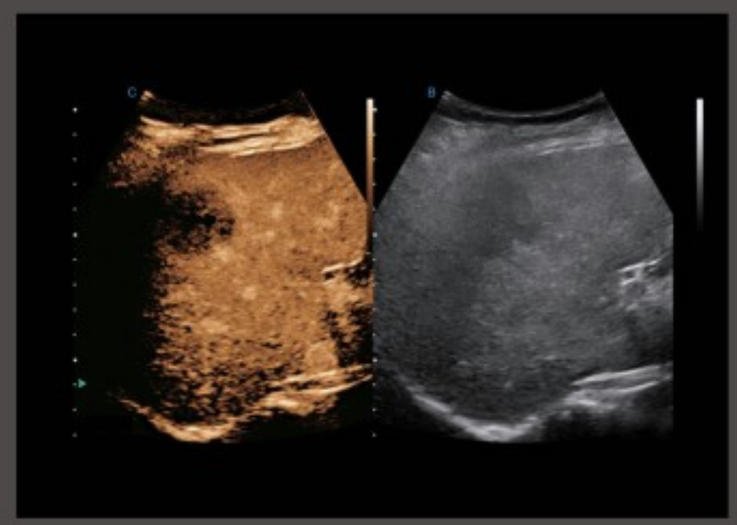
RADIOLOGY

Shear Wave Elastography

SWE (Shear Wave Elastography) is an advanced integrated measurement tool which enables more precise quantification of tissue stiffness. Non-invasive operation serves as an ideal way for fibrosis evaluation.

CHI

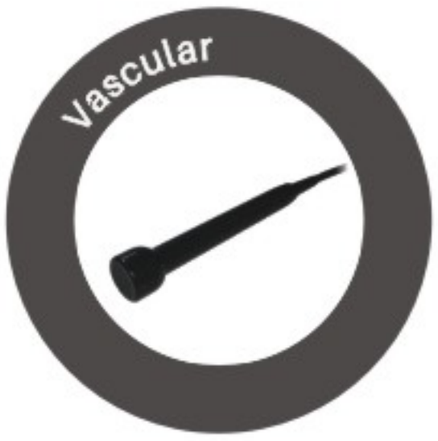
Fewer contrast agents needed, SIUI's Contrast Harmonic Imaging delivers uniformed image quality and longer duration. Common probes are enough to obtain strong penetration with CHI.



Needle Enhancement

Needle enhancement enhances visualization of the needle location, offering reliability and confidence to the clinicians and reducing the risk of needle biopsy.

CW Pencil Probe



CW Pencil Probe

Micro-convex Probe

Transvaginal 4D Probe

18MHz Linear Probe

Hockey Stick
Linear Probe

Dual-live Biplane Probe
(Convex, Linear)

Dual-live Biplane Probe
(Dual Convex)