

MAI

Anything, Anytime, Anywhere
Live Service for Imaging

SIUI

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SIUI



SIUI Healthcare



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Apogee 5800Ace EN21230407



Apogee 5800

Ace

Digital Color Doppler Ultrasound System

SIUI

The Ultimate Ultrasound Experience

As **the most premium ultrasound system** of the product family, Apogee 5800 ACE is competent in delivering a full suite of application solutions in routine exams, including OB/GYN, cardiovascular, MSK, etc. With a user-oriented mindset and the advanced imaging platform Realview⁺, Apogee 5800 ACE provides you with optimal ultrasound performance and experience.



Accurate



Easy



Fast

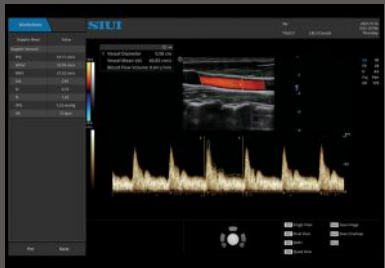


OPERATION CONVENIENCE TO YOUR DAILY EXAM

- ① 23-inch Monitor
- ② 13.3-inch Tilting Touch Screen
- ③ 6 Probe Sockets
- ④ Integrated Storage Rack
- ⑤ Gel-warmer
- ⑥ Swiveling and Lifiable Control Panel
- ⑦ Integrated Armrest
- ⑧ Foot Pedal



STREAMLINED WORKFLOW MINIMIZES YOUR WORKLOAD



Measurement results can be displayed at the pinned worksheet to enable quick review and diagnosis.

S-helper is a teaching guidance that includes 3D animation. It's a practical tool for less-experienced sonographer.



S-station provides customizable report templates, reducing the need for typing.

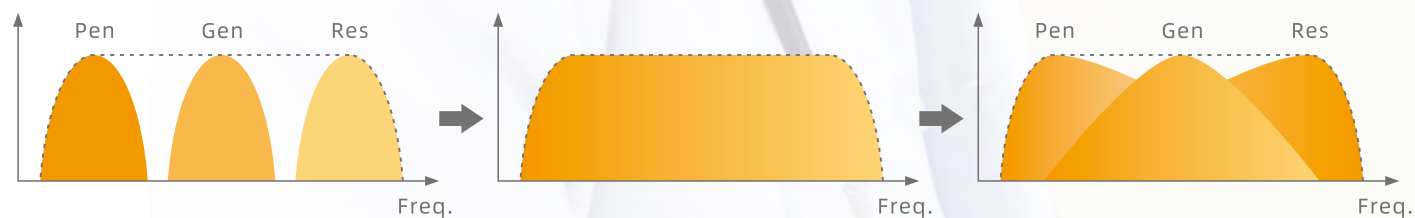


Realview+ is the brand-new intelligent image processing platform launched by SIUI, which delivers faster response speed and extraordinary imaging experience. By using innovative algorithm, it greatly enhances the scanning efficiency and image quality.

EXCLUSIVE PLATFORM OPTIMIZES IMAGE QUALITY

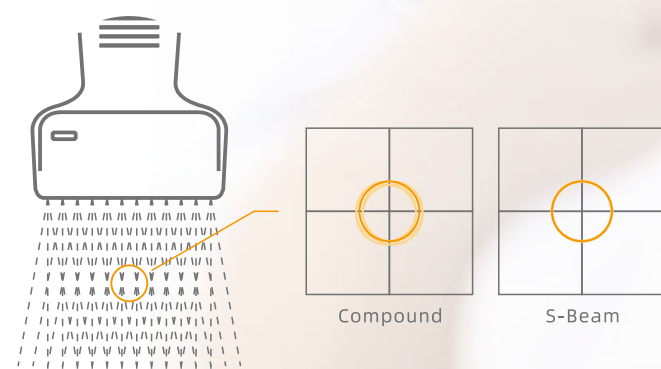
W-Fusion

Signals in both low and high frequency are analyzed and extracted for effective fusion and thus to achieve satisfactory combination of high imaging penetration and resolution.



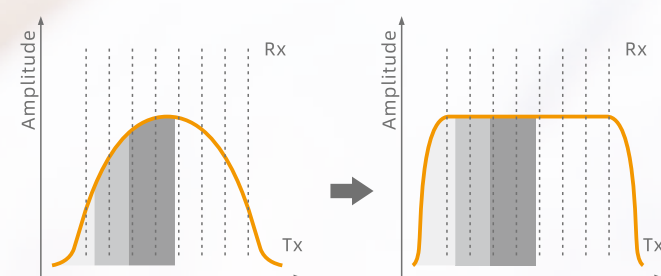
S-Beam

The system accurately tracks and analyzes the full-field multi-angle image information to eliminate speckle noise and obtain high-quality images.



Echo Tune

Under the premise of maintaining the resolution of the focus area, the balanced image information is obtained by monitoring intelligently transmission and reception of the wide beam.

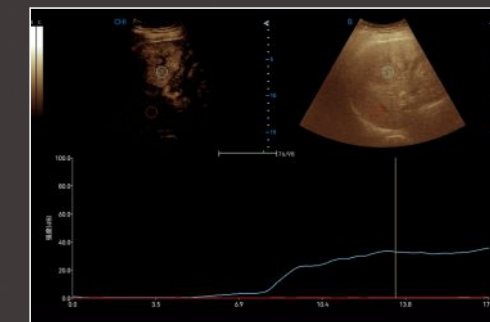


VERSATILE TOOLS EMPOWER ALL-ROUND APPLICATIONS

RADIOLOGY



Instead of manual pressing, **SWE** directly emits the focusing wave into the tissue to generate the transverse propagating shear wave. As the speed of the shear wave indicates the hardness of the tissue, it is able to quantitatively analyze the tissue stiffness so as to facilitate diagnosis of chronic liver disease, hepatic fibrosis etc.

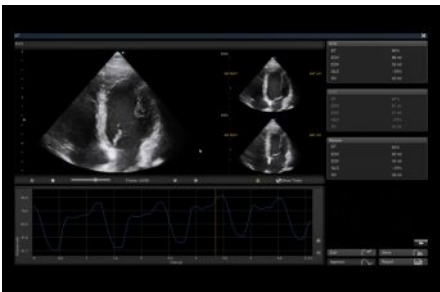


With higher sensitivity, better contrast and longer duration, SIUI's **Contrast Harmonic Imaging (CHI)** is capable of the diagnosis of tumor and vascular diseases, such as liver, thyroid etc. What's more, CHI QA tracks and displays real-time curve of the blood flow perfusion with higher sensitivity. This quantitative analysis facilitates repeated comparison for early-stage diagnosis and tumor treatment follow-up.

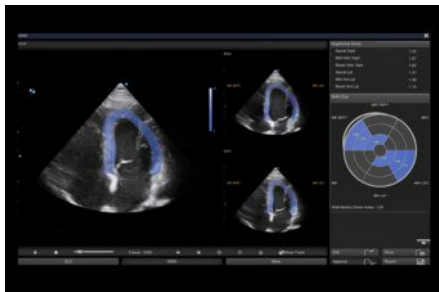


Micro Flow captures minor signal of small peripheral blood vessels. Blood flow sensitivity and spatial resolution are greatly enhanced without compromising high frame rate.

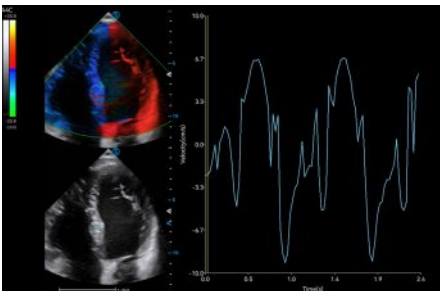
CARDIOLOGY



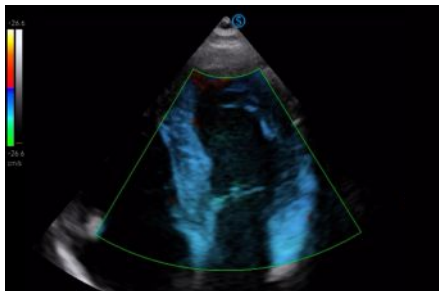
Auto EF



Auto SG



TDI QA



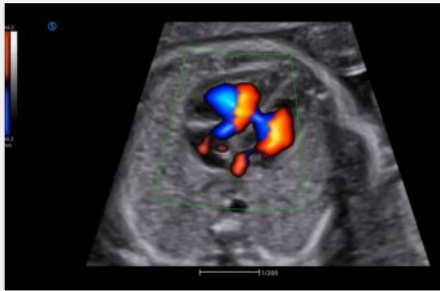
TVI

Complete cardiac measurement packages and automation tools help **clinicians deal with complex cardiac diseases** and improve diagnostic confidence.

OB/GYN



Glossy Flow presents a stereoscopic view of blood flow on 2D probe without affecting the frame rate. Optimized preset ensures vivid and smooth image effect. Spatial relationship among intersecting vessels, especially in fetal heart structure, can be clearly distinguished.

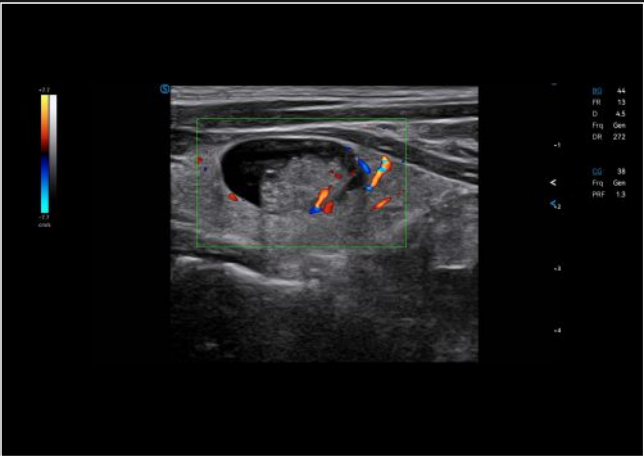


Auto OB is adopted to automatically calculate the most common used measurement items like HC, BPD, OFD, AC, FL on a standard image section. It turns the traditional obstetric exam into an easier and faster experience, and outputs more accurate results.

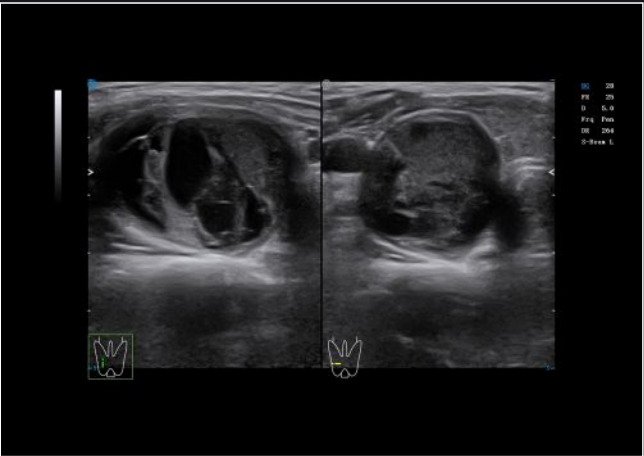


IMAGE GALLERY

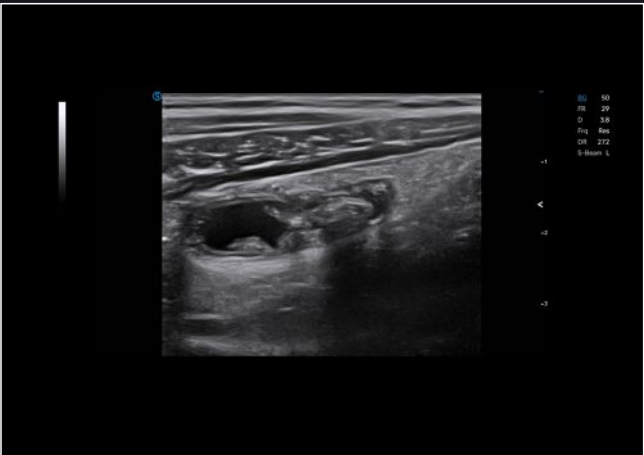
Boosting clinical confidence with outstanding images.



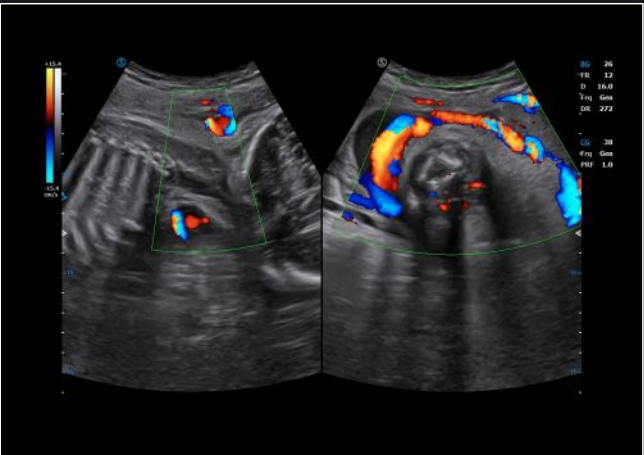
Thyroid Tumor



Thyroid Tumor



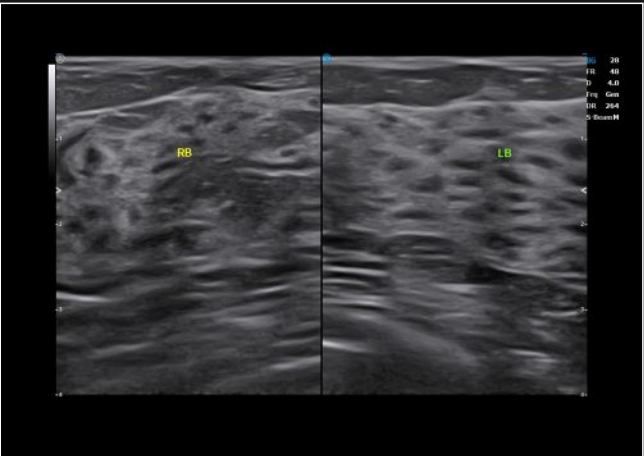
Abdominal Mass



Umbilical Cord Entanglement



Tricuspid Regurgitation



Hyperplasia of Mammary Glands