



ESE-M86

Ultrasound System



IMAGING SYSTEMS



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Superior General Imaging

Enhanced Diagnostic Confidence

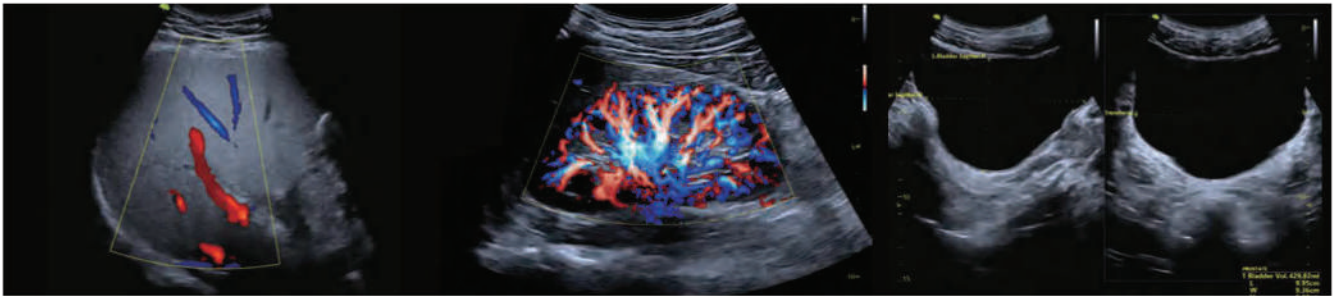
High-quality image resolution and increased uniformity in technically difficult patient with fatty liver

Radiant Flow

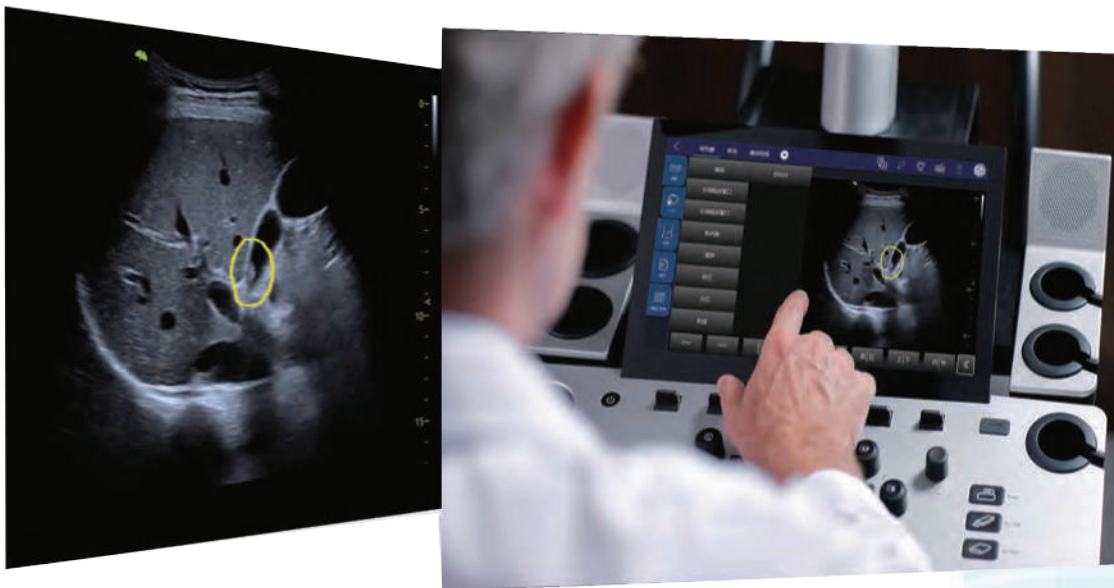
An innovative color flow technology which enhances blood flow visualization and provide an impression of 3D-like flow

Auto RUV Measurement

Greatly simplify the evaluating process and relieve doctors from stressful and time consuming examination



Finger-draw Comment, making remote diagnosis and on line training more easy

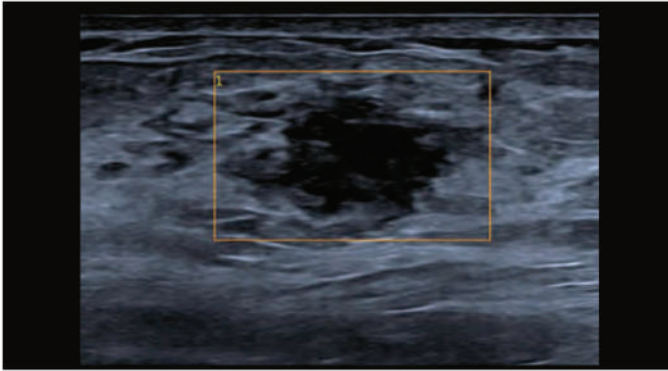




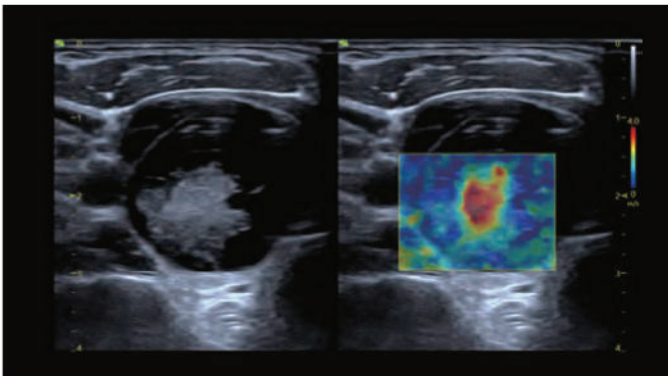
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Superior Superficial Performance

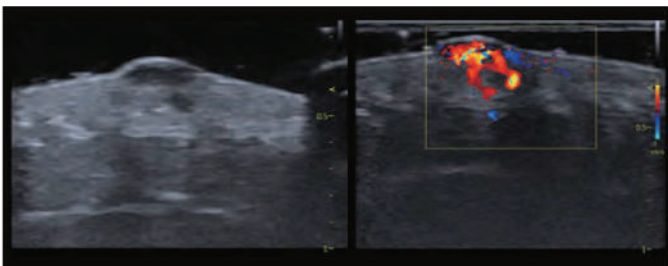
VAid (Artificial Intelligent Diagnosis) VAid is an AI powered, innovative tool for breast lesion detection in real-time or on stored images (static & cine). It can automatically analyze lesion characteristics and assign the BI-RADS category with one touch of 'VAid'.



Shear Wave Elastography Imaging (VShear)
A non-invasive method to detect the velocity of the Shear-waves propagated through the targeted area and provide quantitative tissue characteristic information.



2Gen Xcen Wideband Probe Technology
Up to 23MHz ultra-high frequency probe, making it possible to research the superficial disease with its high resolution and sensitivity.





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Superior Women Healthcare

One simple click, automatically identifies follicles on a given 2D image, draws its boundary with different colors and measures its volume for a rapid assessment



Effective Pre/Early Pregnancy Screening



HSG(Hysterosalpingography)
Ultrasound 3D imaging combined with microbubble contrast technology, delivering the structure of fallopian tube in three-dimensional view

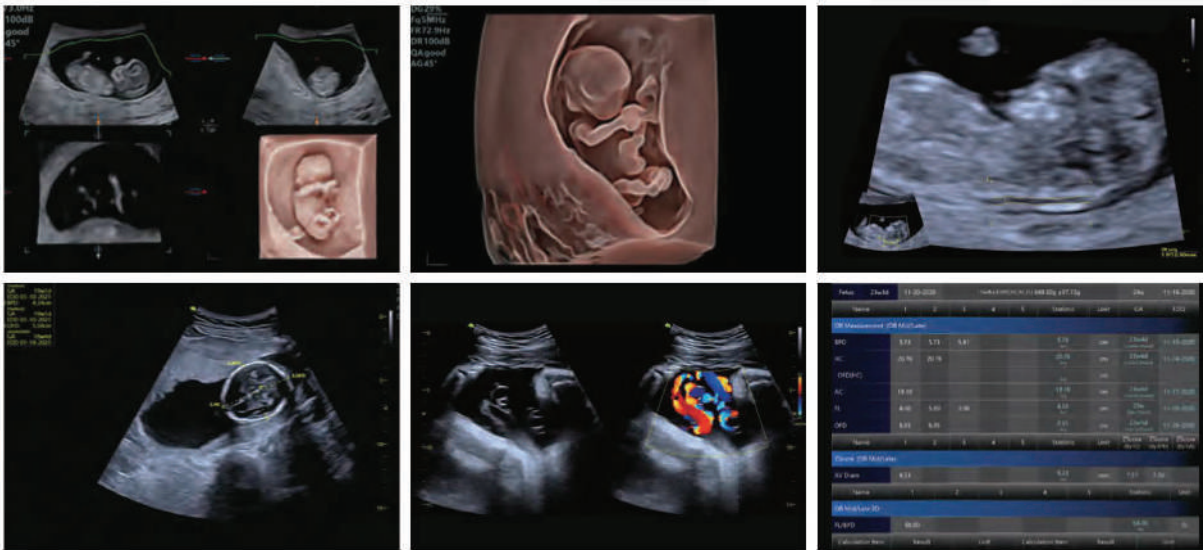
Early pregnancy evaluation
The super-high resolution imaging enables users to evaluate the fetal condition with intuitive visualization of the fetal structures





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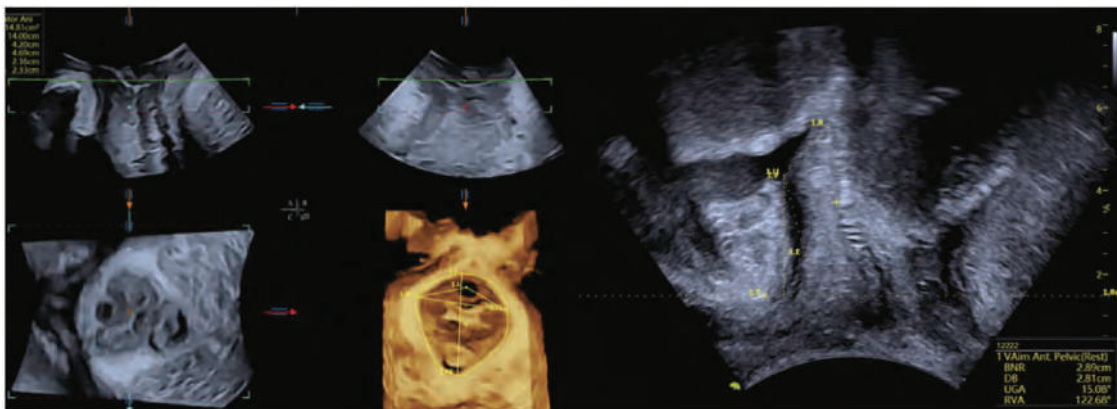
Dedicated obstetrics care



New volume rendering features provide outstanding 3D/4D imaging;
Artificial intelligent technologies for fetal biometric measurement and growth analysis, improving measurement accuracy while reducing examination time;
Z-score analysis provides the accurate growth of fetal heart based on the relevant parameters of fetal trunk

Post-partum Pelvic Floor and Newborn Imaging

An artificial intelligent technology for pelvic measurement, V Aim Levator Ani and Ant. Pelvic, providing pelvic measurement results with one touch, which enables users to assess pelvic structure for postpartum women in an easy and accurate way



VAim Levator Ani in 3D mode

VAim Ant. Pelvic

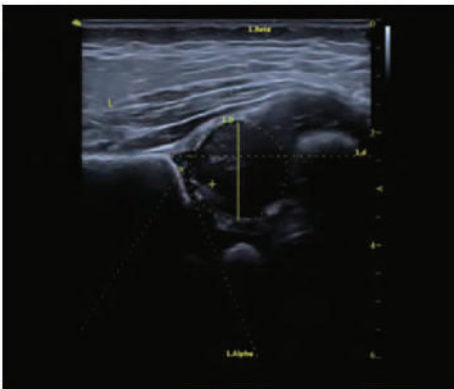


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Pediatric gastrointestinal examination

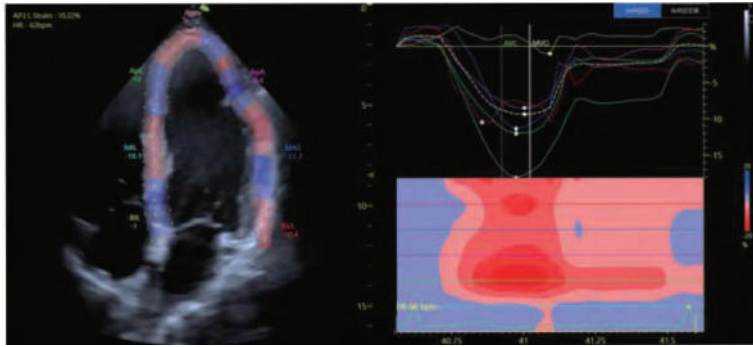
The highly advanced linear transducer allows for excellent detailed resolution and brings reliable diagnosis



VAim Hip

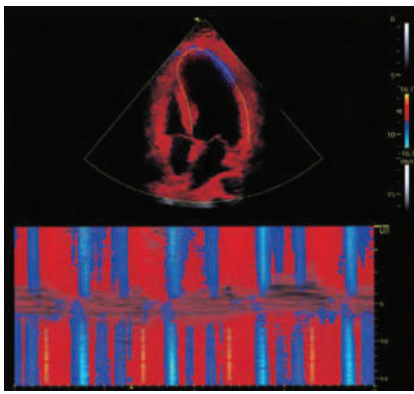
Automatically mark the a and b angle and provide Graf international classification, which is an effective solution for observing the development of neonatal hip joints

Superior Cardiovascular Applications



Advanced cardiac functions

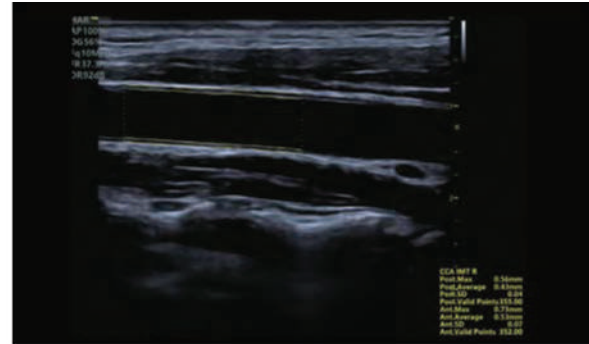
Strain imaging describes the strain curve to underline any myocardial regions either in the same or various images, which can reflect the strength of local myocardial deformation during systole and diastole, thus reflecting the motion abnormality during the cardiac cycle; Stress Echo cardiography is a non-invasive, dynamic evaluation of myocardial structures and its function under an external stress (exercise, pharmacology)



Curved M mode
Draw the route of the sample line freely and obtain the movement information of the corresponding myocardial segment

Live IMT

live IMT makes it possible to automatically open a ROI (region of interest) and calculate the IMT parameters during real time scanning

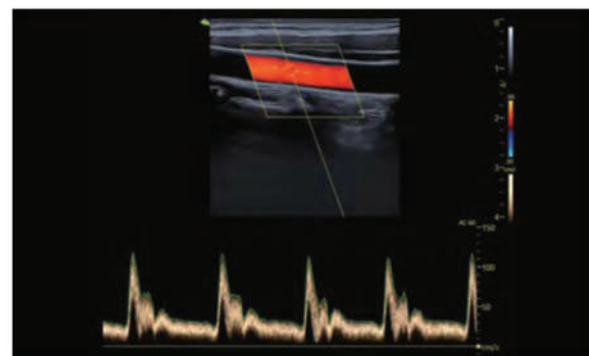
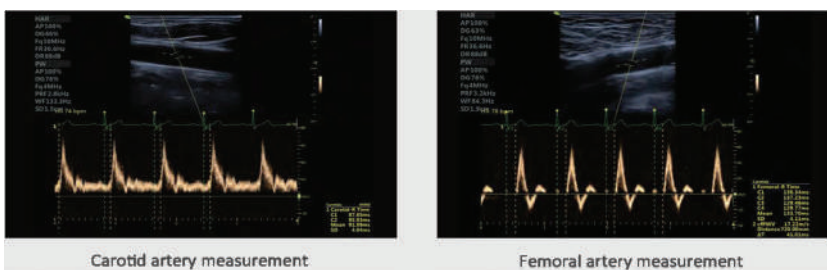


Intelligent Vascular Applications

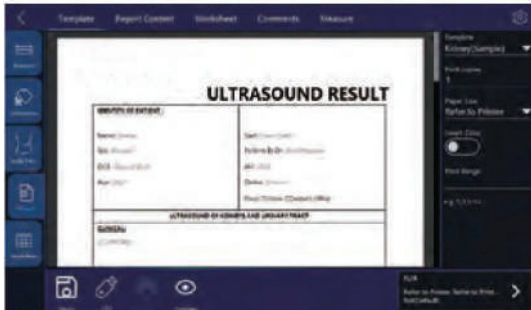
AMAS
(Automatic Measurement of Arterial Stiffness)
AMAS, an automatic tool for cf Pulse Wave Velocity calculation, effectively indicates arterial stiffness and atherosclerosis

Auto Trace

Automatically trace the PW spectrum with great accuracy and provide hemodynamic indicators such as pressure, heart rate, resistance index, which is convenient for rapid vascular assessment

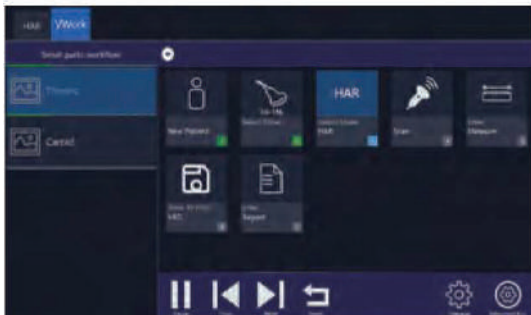


Streamlined Workflow



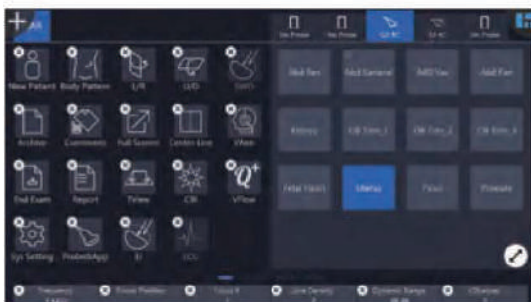
VReport

As a customer-centric tool, VReport allows users to define and import the report template, and then the system will auto generate related measurement items based on the imported template, which can greatly improve the work efficiency



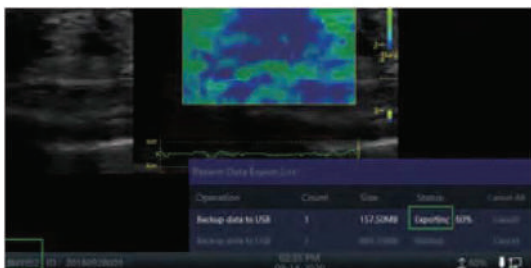
VWork

VWork enables users to configure workflows for every application scenario, this leads to easy and effective adherence to a department protocol and saves operation time to a great extent



Customized User Interface

The touch screen customization, which can realize icons drag and layout adjustment, making operation smooth and convenient



Background Transfer

Archive supports background export without interrupting the actual scan