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Portable Color Doppler Ultrasound
Diagnostic System

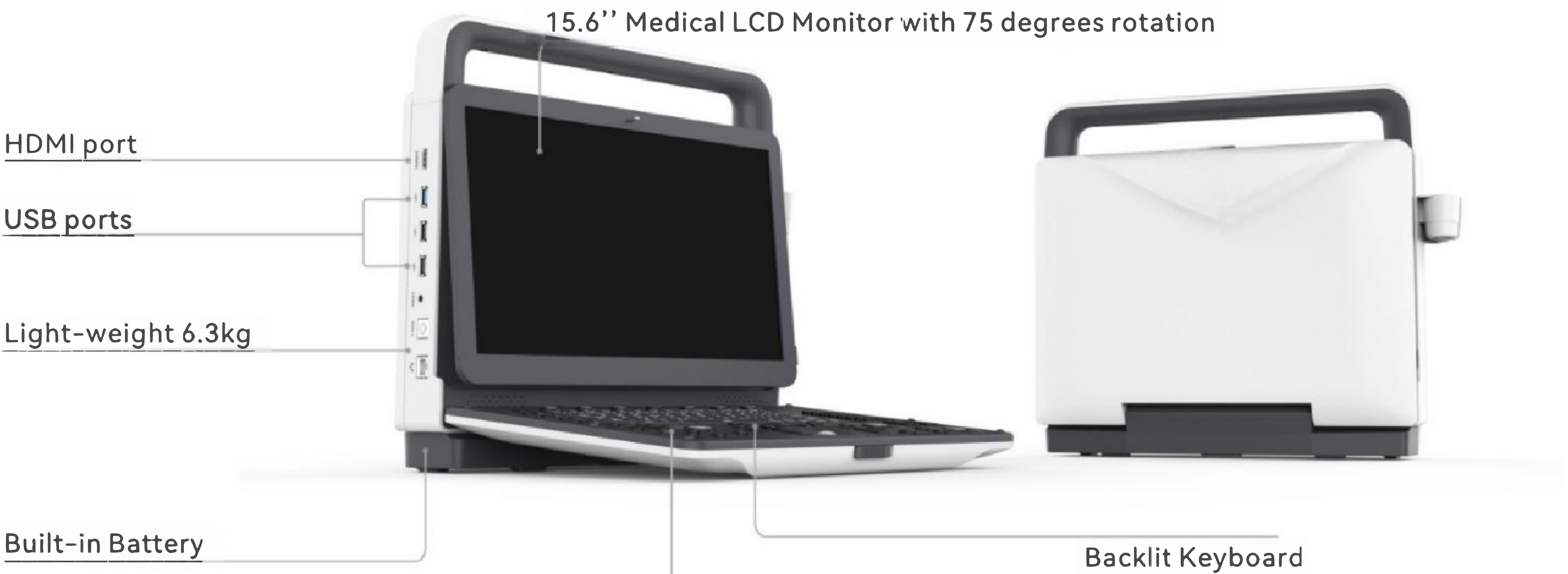
Master Choice on Portability





Ergonomic Design

Match the ingenious ergonomic design with the compact size, M70 has remarkable adaptability which can fit variable usage scenario.



Splash-resistant keyboard protection film
-Reliable cleaning and disinfection

The Probe holder can be removed



The battery can be removed

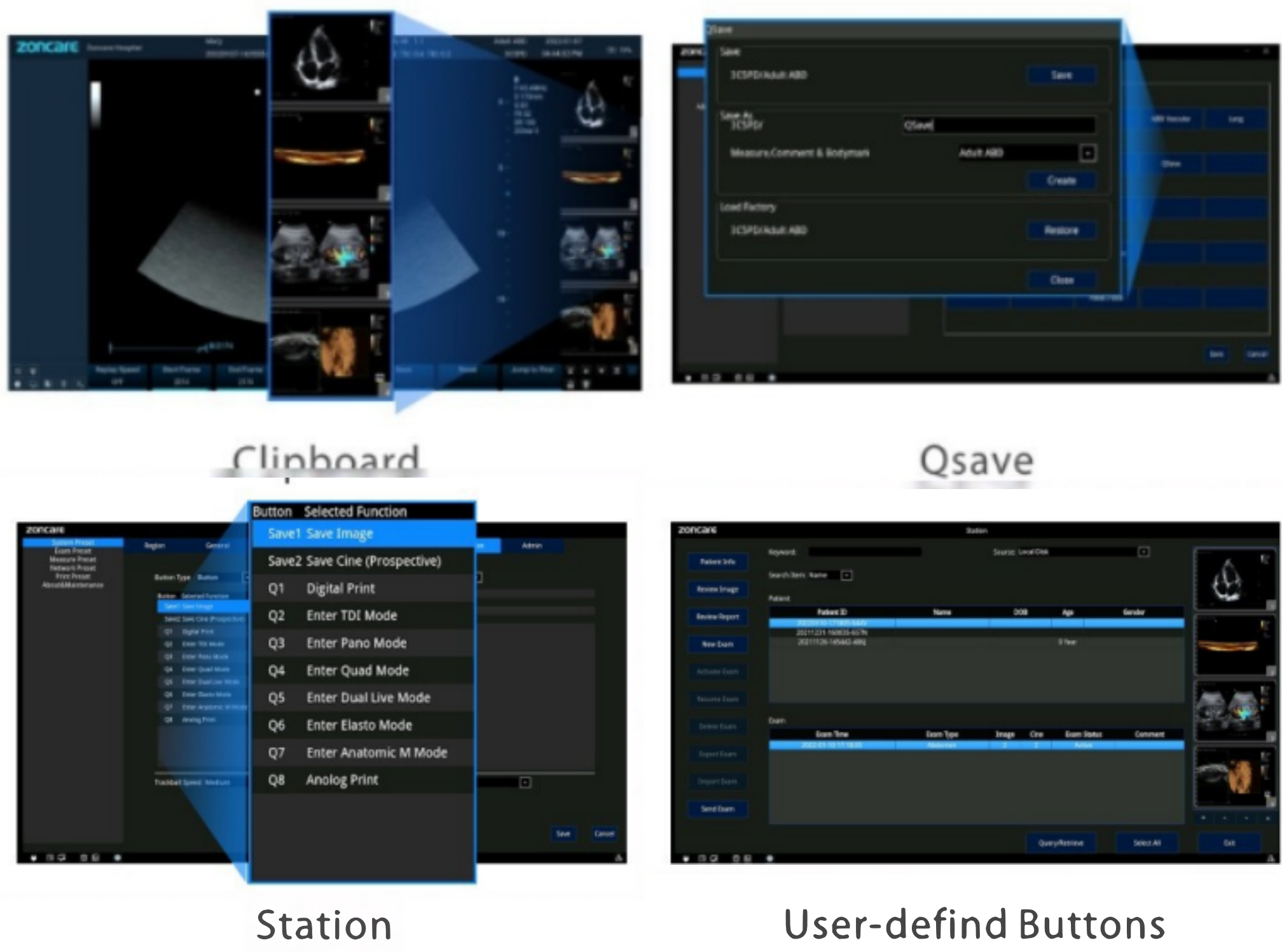
Various Probe Selection

With its wide range of probes it can be used for a variety of clinical applications including Abdomen, Gynecology, Thyroid Urology, Vascular, Cardiology, Musculoskeletal, and Neurological intervention.



Efficient and Fast Workflow

- Multiple user-defined programming buttons
- One-key Automatic Optimization Technology
- One-key operation flow, quick switching and easy to use
- Visualize user-defined presets function (QSave)
- Metadata and image postprocessing
- USB port, make transmission more convenient
- Thumbnail clipboard - easy to review the images and videos



Pathway to Faster, Smarter Ultrasound



Zonnet Imaging

An independently developed remote ultrasound system that enables *real-time sharing and interaction of images* across distances. It supports remote consultation, live teaching, and enhances remote guidance, training, and after-sales support.



Ultrasound Assistant

Built-in intelligent guide that can be customized to assist during scans, helping beginners learn techniques and identify key anatomy quickly, *reducing the learning curve*.



Versatile Data Transmission

Supports Wi-Fi, Bluetooth, wired, and DICOM protocols *for fast transfer of clinical images and videos*, facilitating easy storage, sharing, and improving workflow.

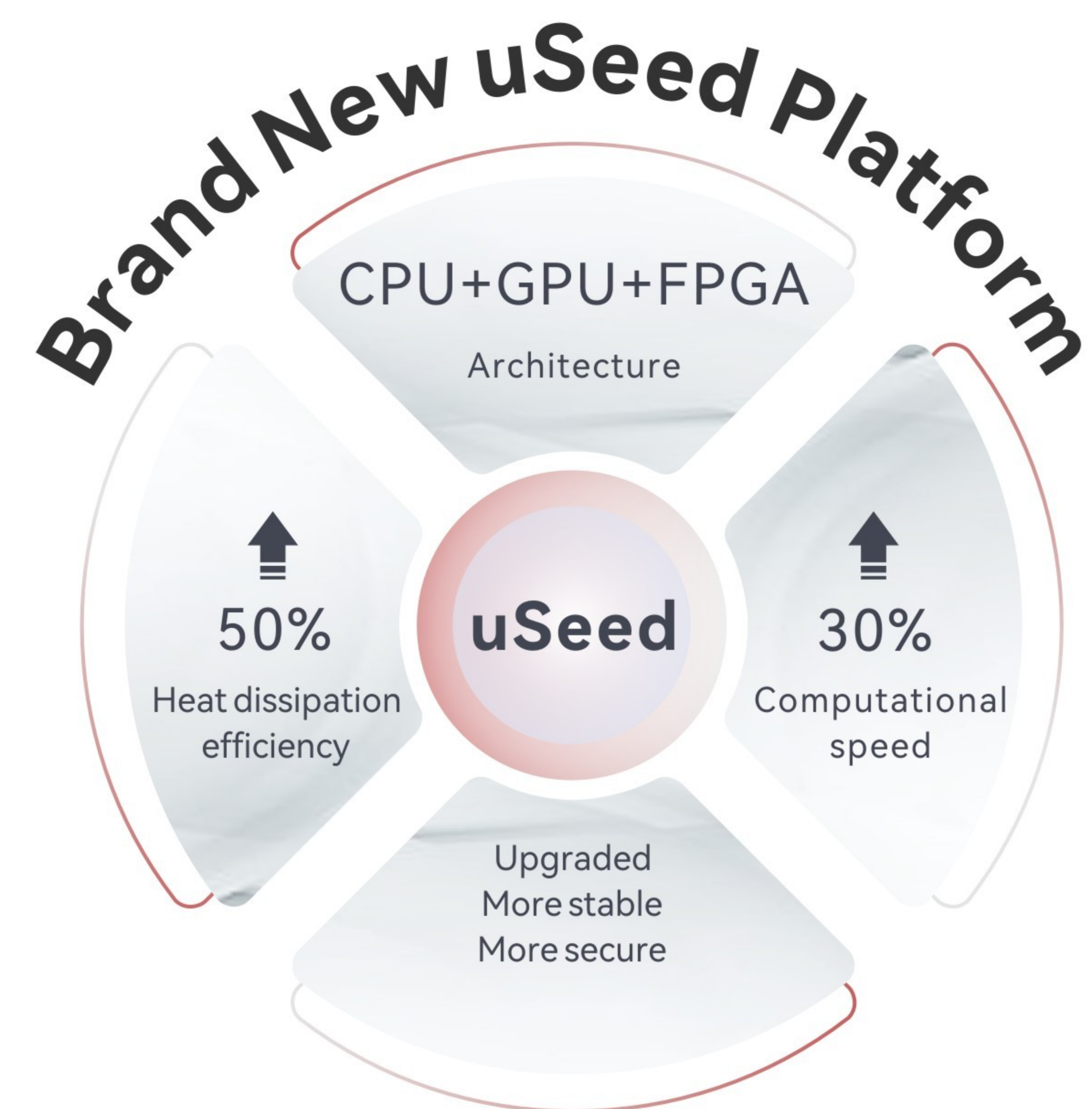


Auto Measure

Offers *AI-powered automatic measurements* for various organs, including cardiac, gynecology, vasculature, enabling accurate and efficient analysis.



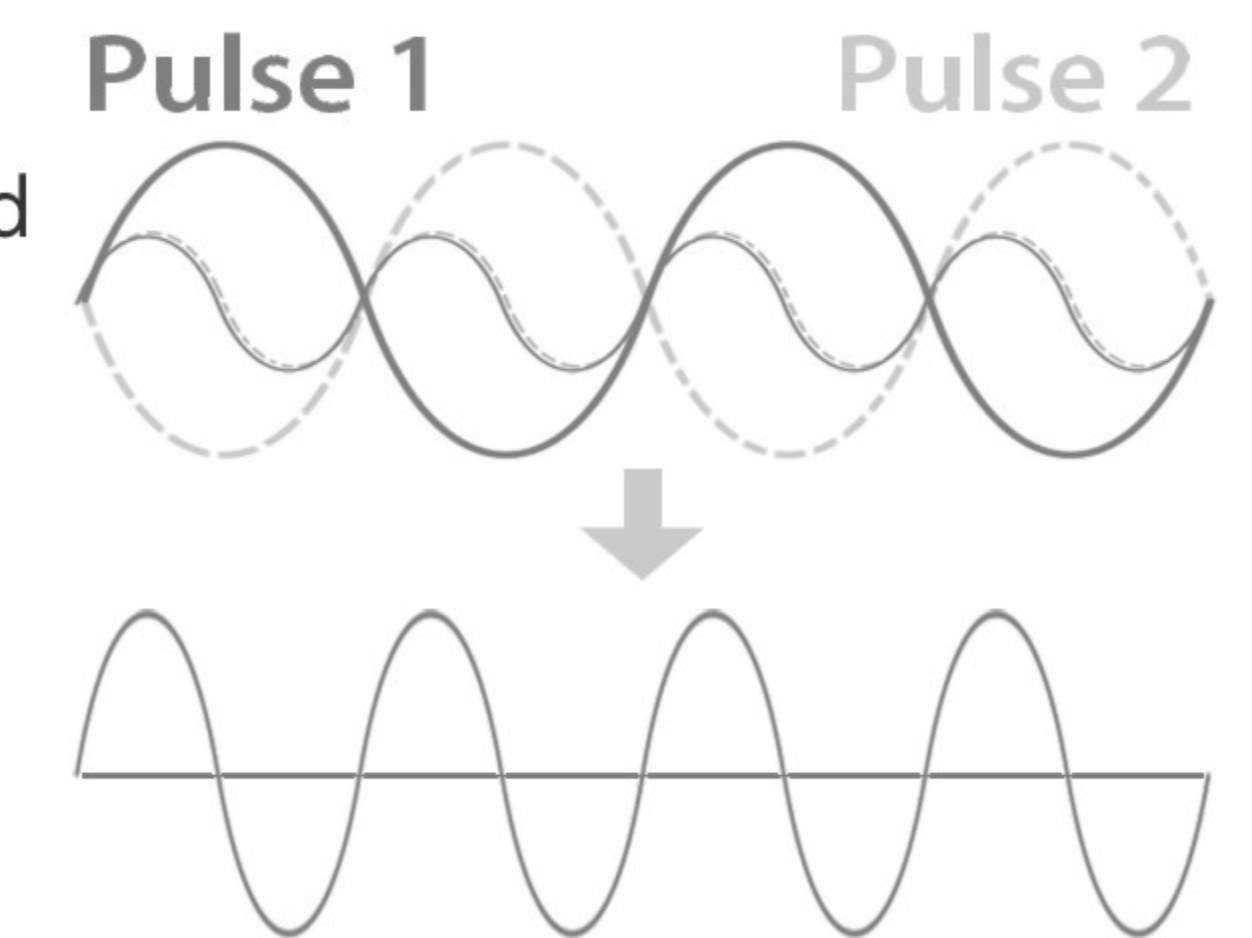
M70 facilitates accurate diagnosis based on uSeed metadata beamforming imaging technology platform. This brand-new platform is developed by CPU + GPU+ FPGA heterogeneous computing technology. The images in uSeed platform are saved as metadata for postprocessing.



Technologies

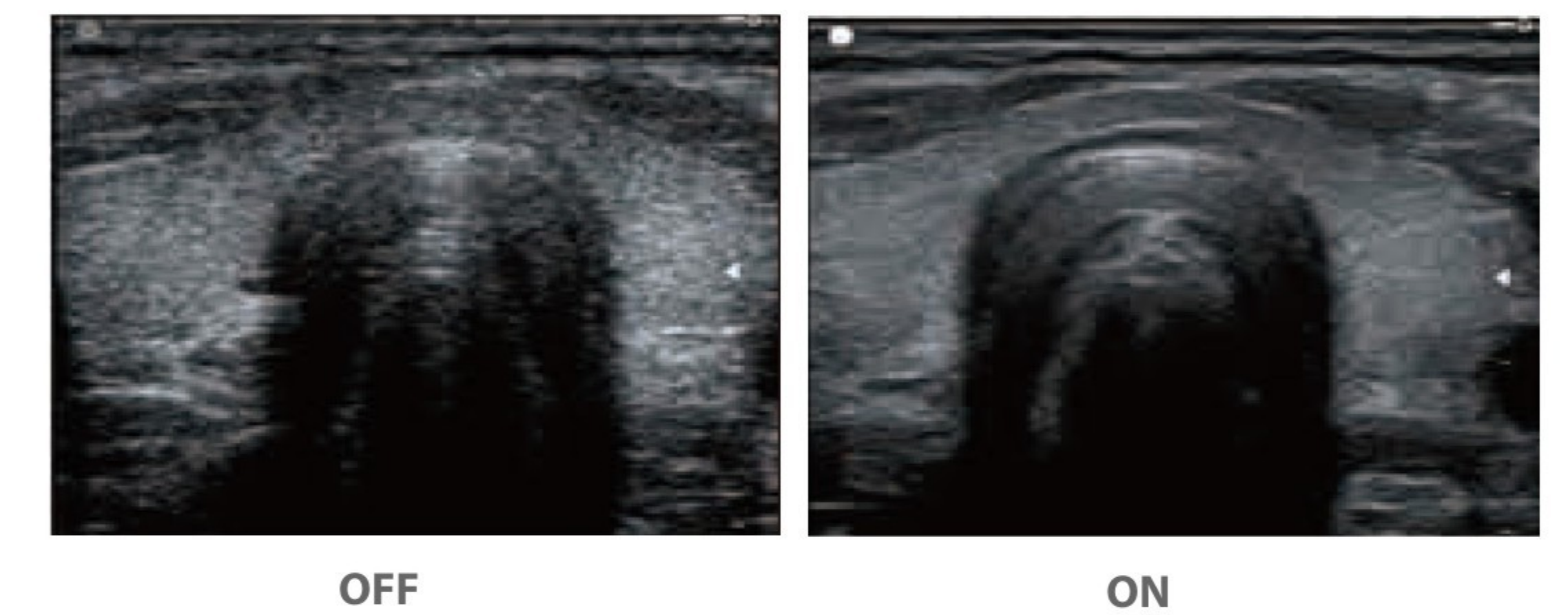
Pulse Inverse Harmonic Imaging PIHI

PIHI reduces the distortion generated by the fundamental wave, and greatly improve the signal-to-noise ratio.



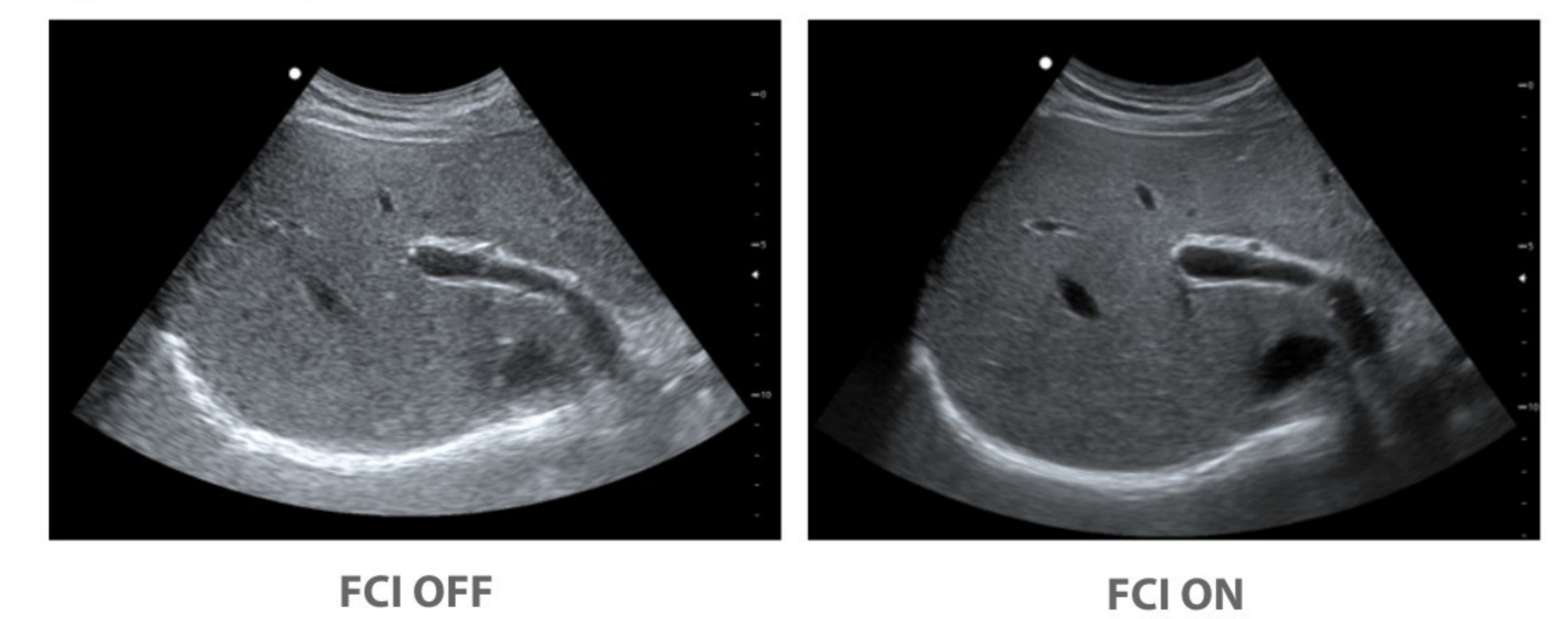
ZClear

ZClear technology significantly reduces the unwanted speckle, provides enhanced tissue boundary and tissue echo for confident clinical diagnosis.



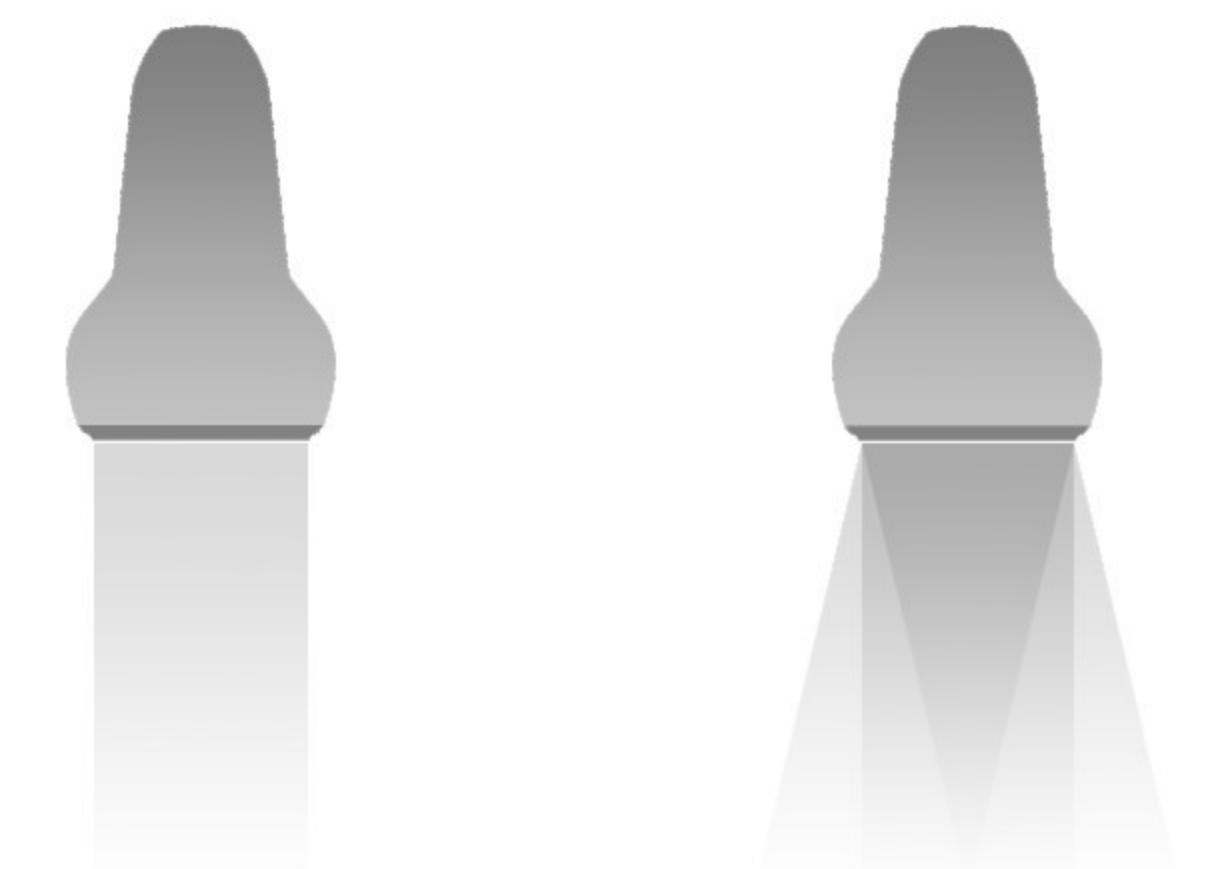
Frequency Composite Imaging

Combine the high penetration of the fundamental frequency and the high resolution of the harmonic frequency to improve the detail resolution and contrast resolution of the near field and the far field to provide the best image quality.



Spatial Compound Imaging

SCI provides better contrast resolution, reduces the speckle noise and smoothes the imaging of homogeneous tissue.

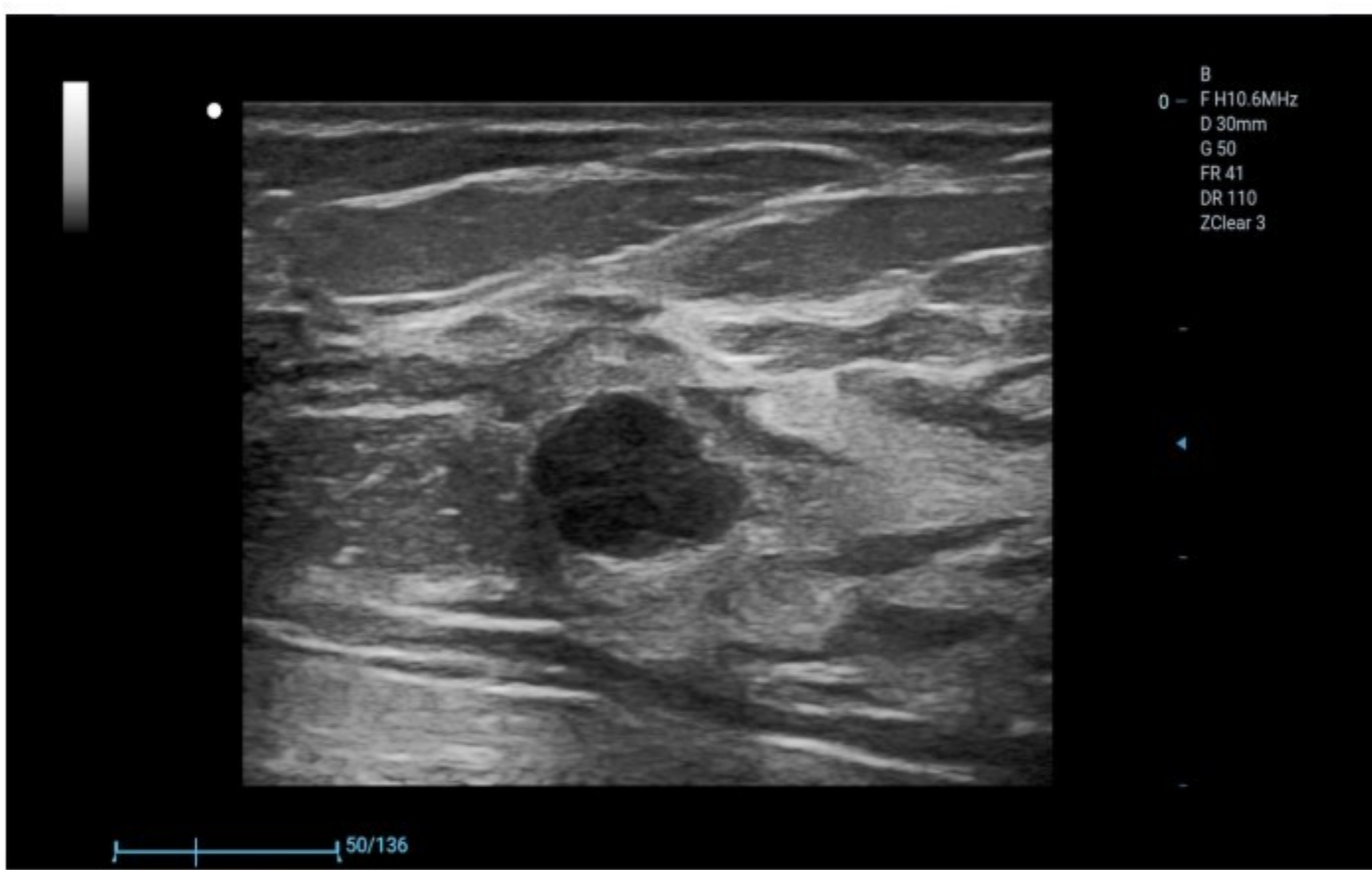




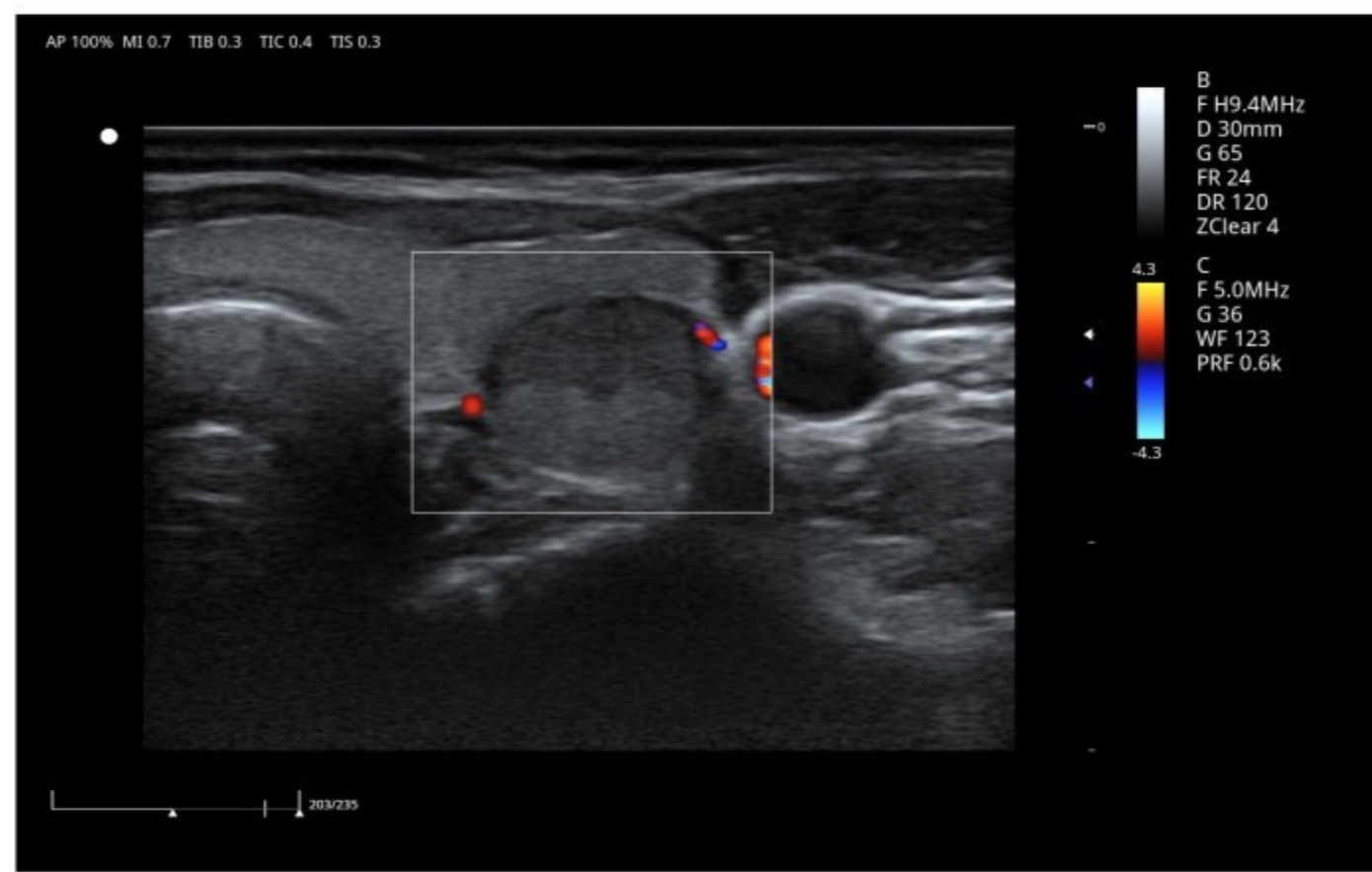
Comprehensive Clinical Applications

M70 provides remarkable performance in Abdomen, Gynecology (including endocavity), Obstetric, Cardiology, Small parts (Breast, Testes, Thyroid, etc.), Urology, Musculoskeletal and Peripheral vascular. A variety of imaging modes brings a comprehensive clinical application.

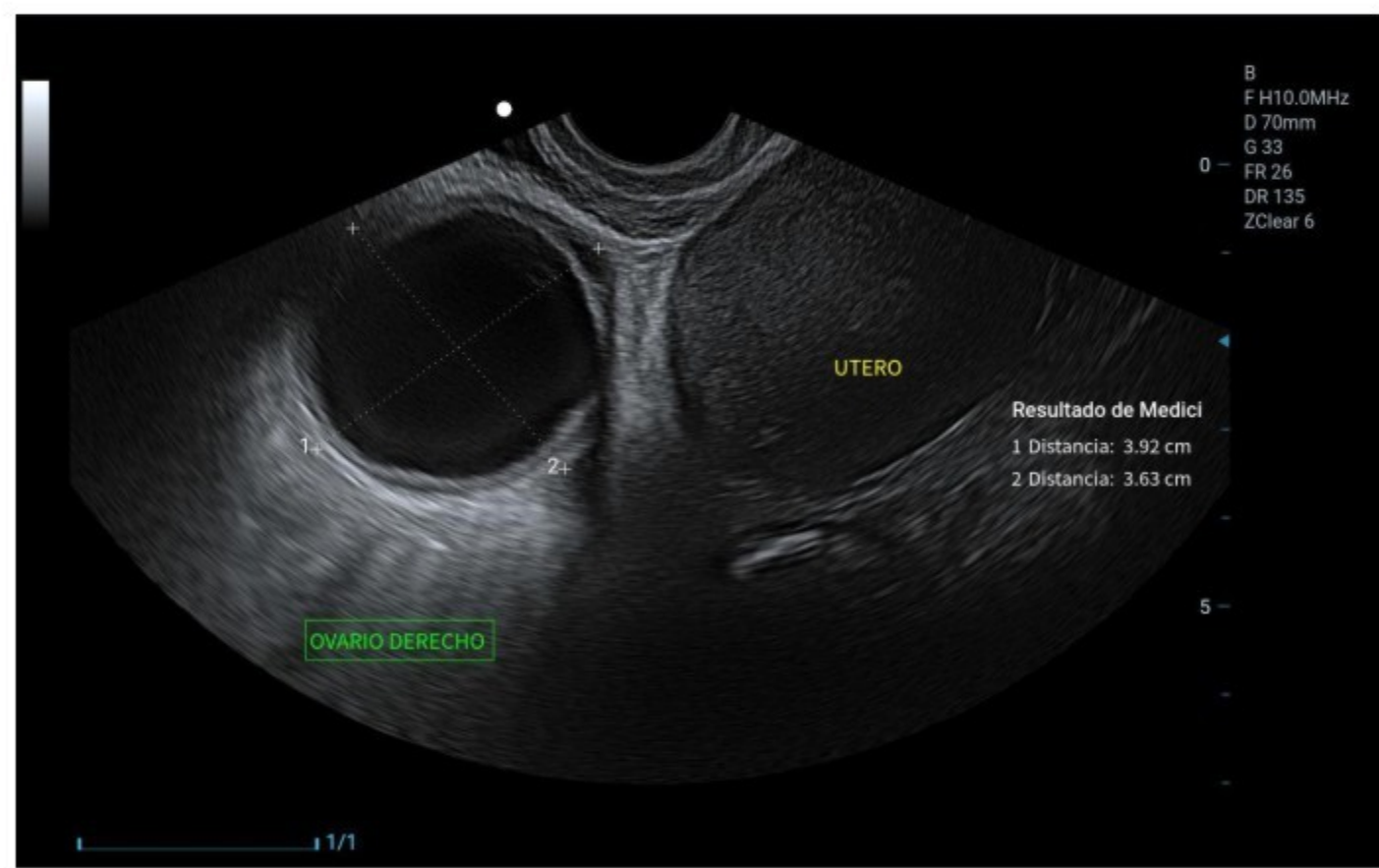
- B Steer,TSI,THI, SCI,FCI,Biopsy Function
- Auto IMT, Auto Trace,Panoramic Imaging,Elastic Imaging,EFOV
- Auto EF, PW,CW,TDI,AMM, Curved AMM,CMM
- Auto OB ,Auto NT,3D/4D,ZPage,ZLive,Auto Follicle



Breast nodule



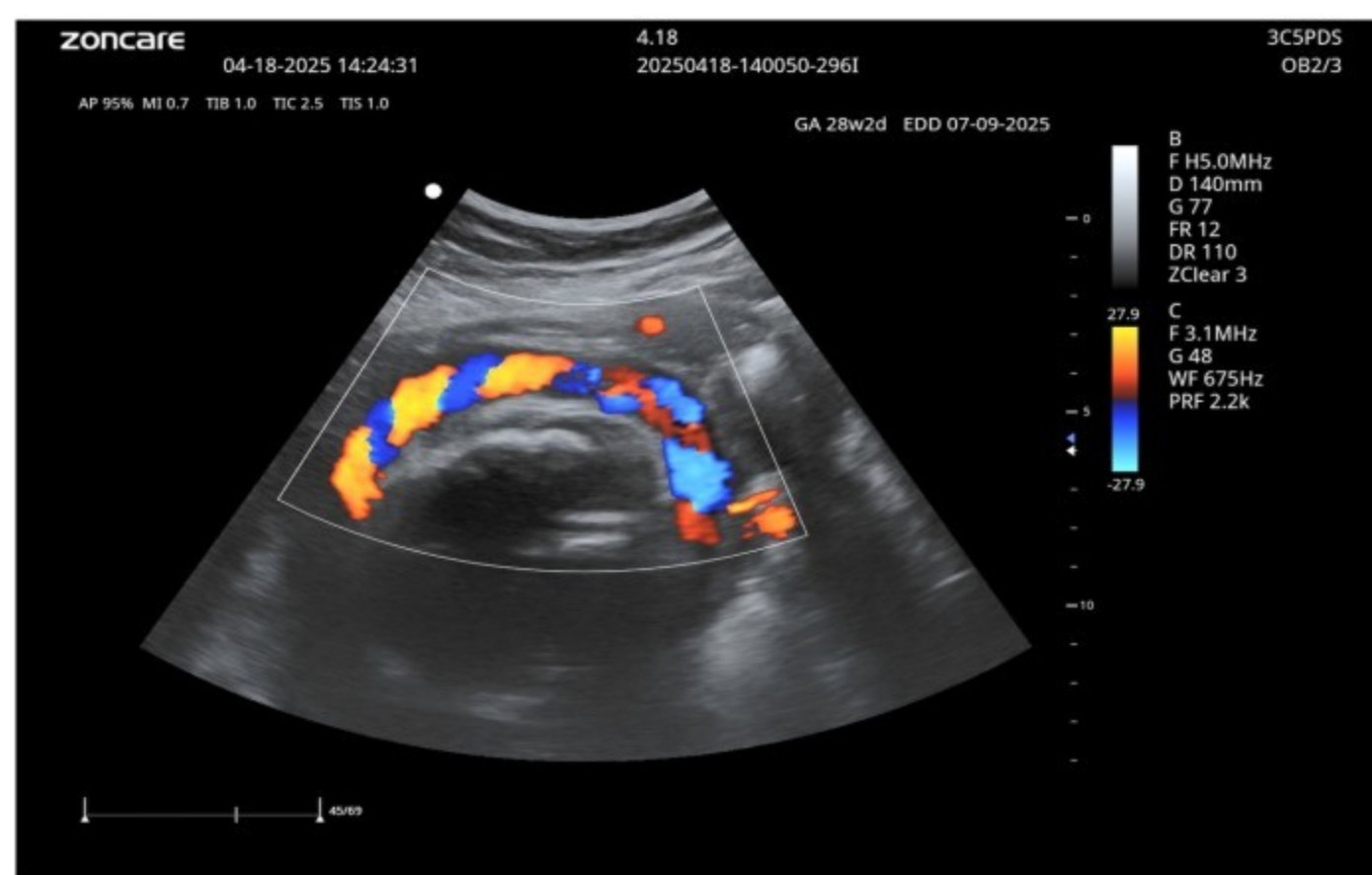
Thyroid nodule



Adnexal mass



Fetal heart



Nuchal cord

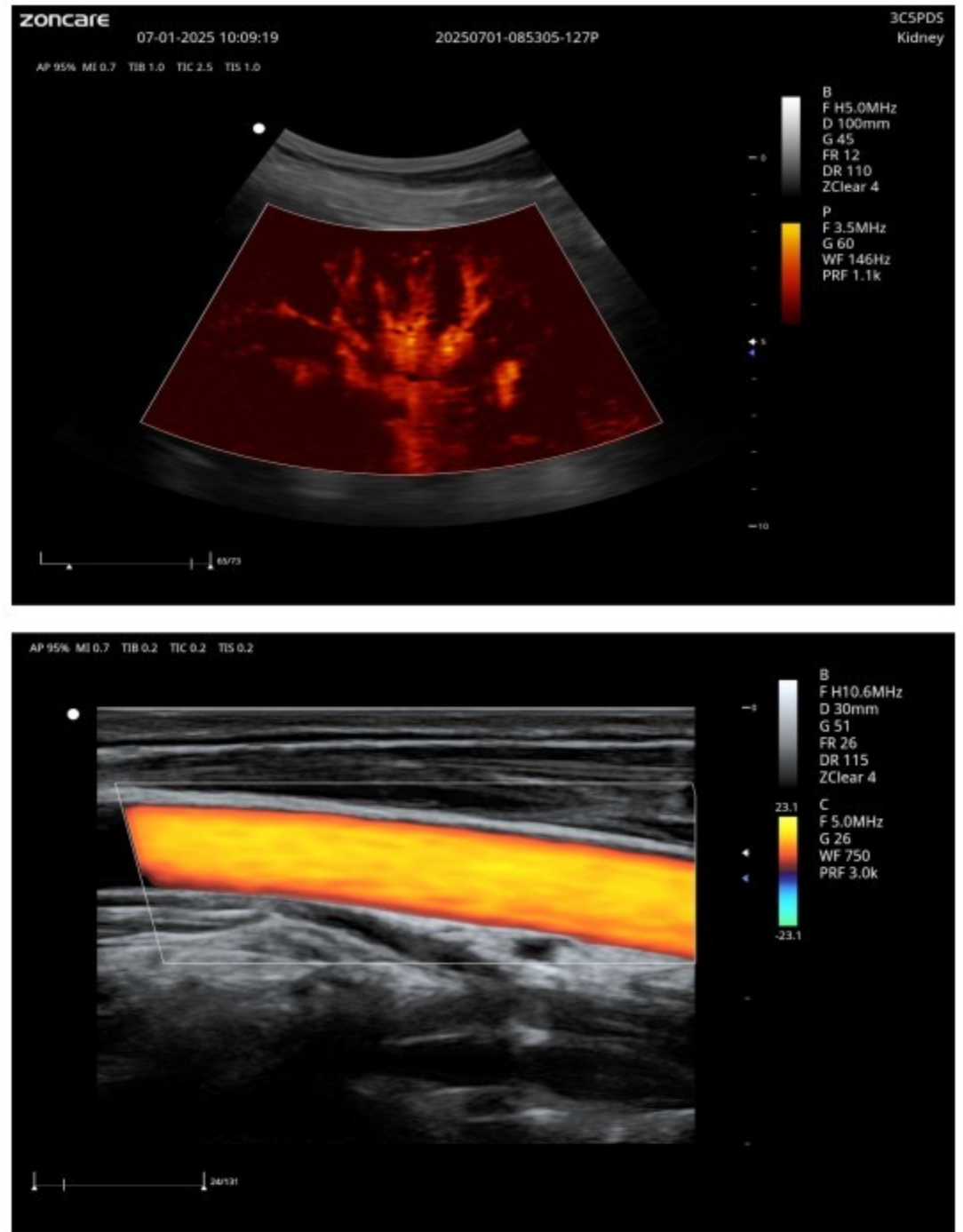


Pelvic Effusion

Radiology

zMicroFlow

It enhances the visualization of micro-vascular or complex flow patterns, especially in small vessels.



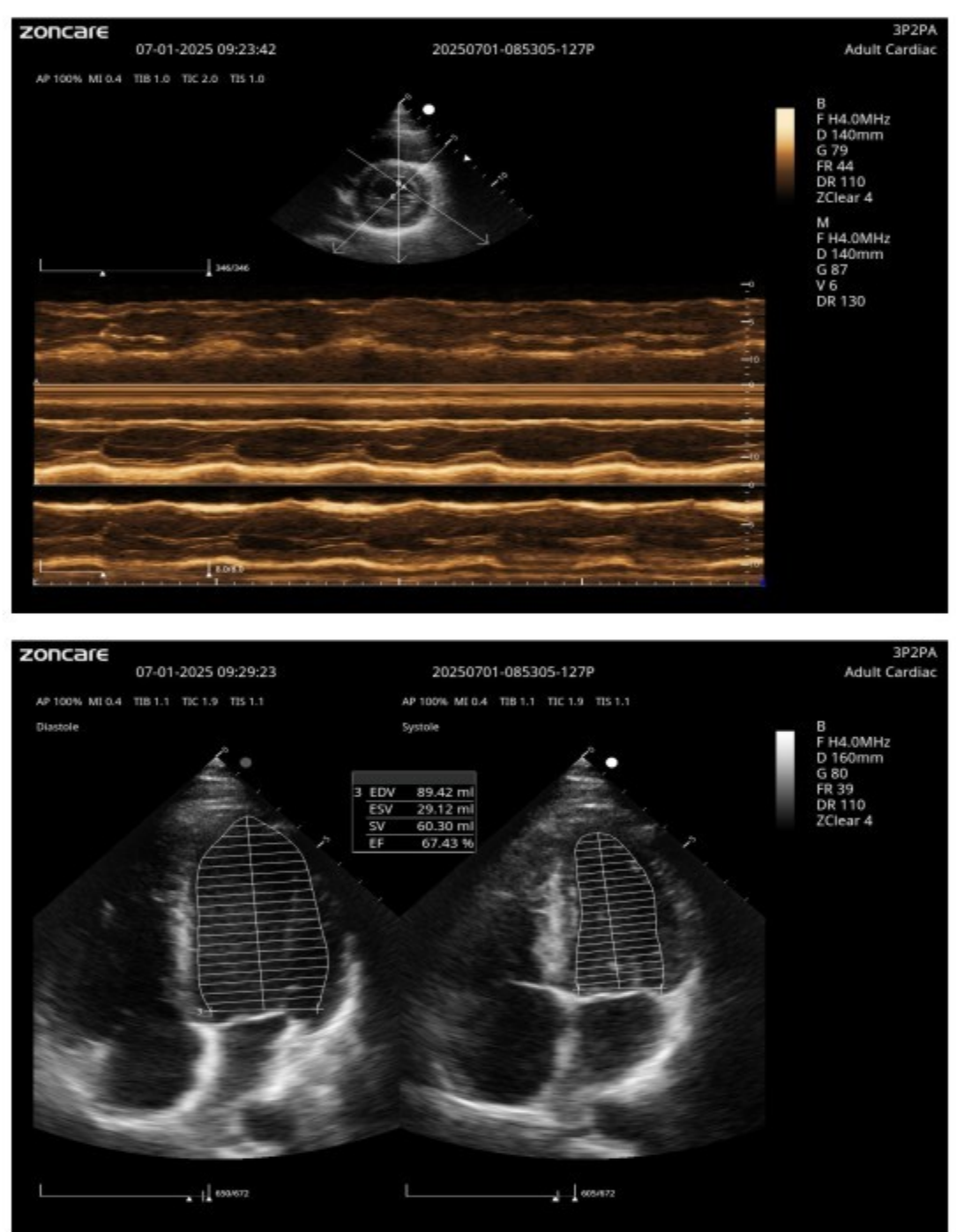
Intelligent Blood Flow Tracking

Intelligently identify the location of blood vessels .Continuous tracking of blood flow, and support real-time optimization to achieve better blood flow optimization.

Cardiology

AMM

AMM allows up to three sampling lines to be placed at any Angle, facilitating multi-directional observation of ventricular wall movement.



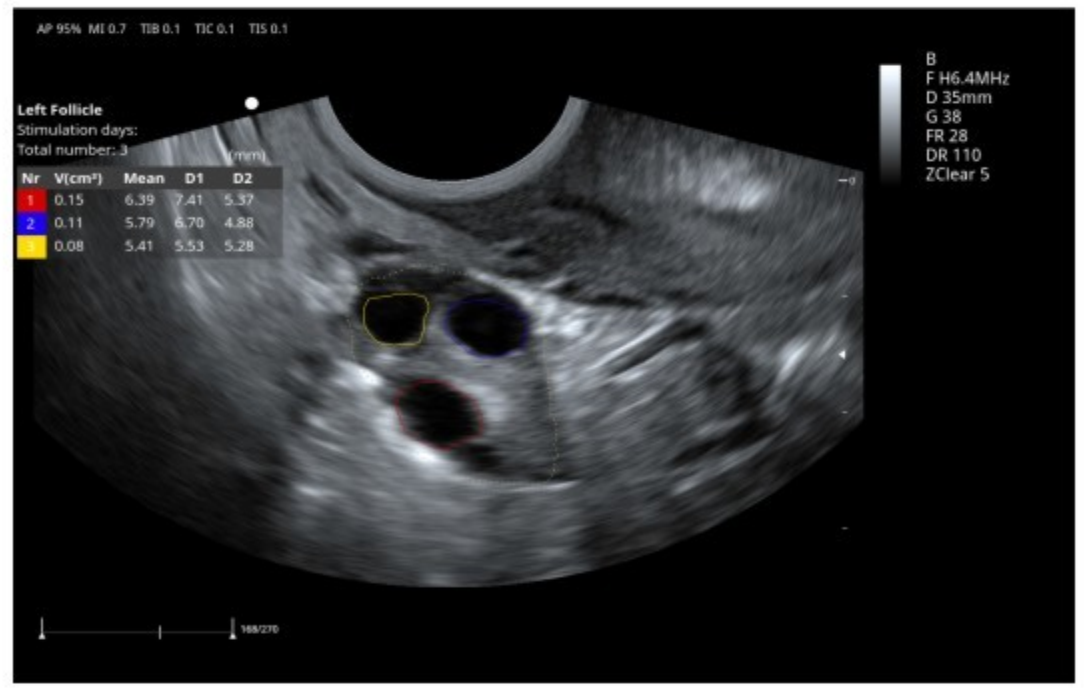
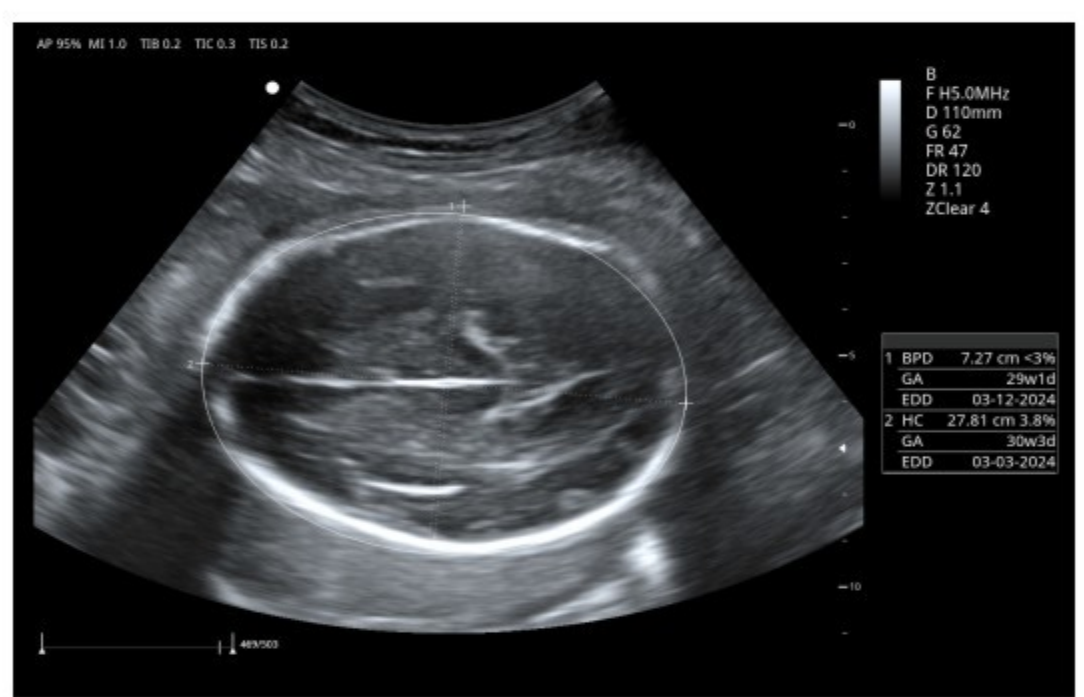
Auto EF

To recognize myocardial intima during the diastolic and systolic period and calculate the ejection fraction automatically.Reduce the operation steps of inspectors and improve work efficiency.

Obstetrics and Gynecology

Auto OB

Automatic identification of obstetric standard sections and automatic measure BPD\HC\AC\FL.etc



Auto Follicle

Automatic identify and calculate the size of follicles.

ZLive

Leveraging ray-casting and innovative virtual lighting, ZLive renders highly realistic fetal visuals featuring lifelike skin textures.