

ZONCARE

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VIV[®] 20

Experience the adaptability

ZONCARE

Ergonomic Design

Match the ingenious ergonomic design with the compact size, ViV 20 has remarkable adaptability which can fit variable usage scenario.



21.5" medical LCD monitor
- Angle adjustable
- Foldable



13.3" high sensitivity touch screen
- Angle adjustable



Optimized TGC Area
- Left placement



4 universal transducer connectors



Cable Management

uSeed Platform

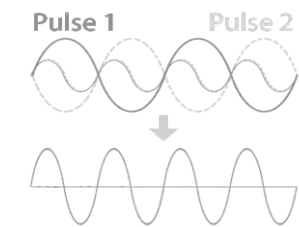
ViV 20 facilitates accurate diagnosis based on uSeed metadata beamforming imaging technology platform. This brand-new platform is developed by CPU + GPU heterogeneous computing technology. The images in uSeed platform are saved as metadata for postprocessing.



Technologies

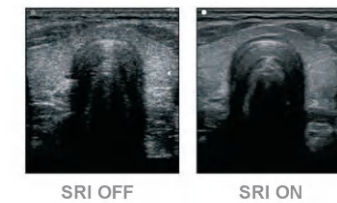
Pulse Inverse Harmonic Imaging PIHI

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



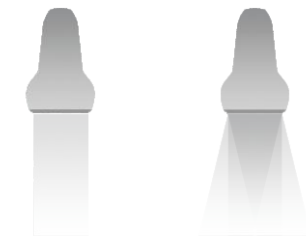
Speckle Reduction Imaging

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



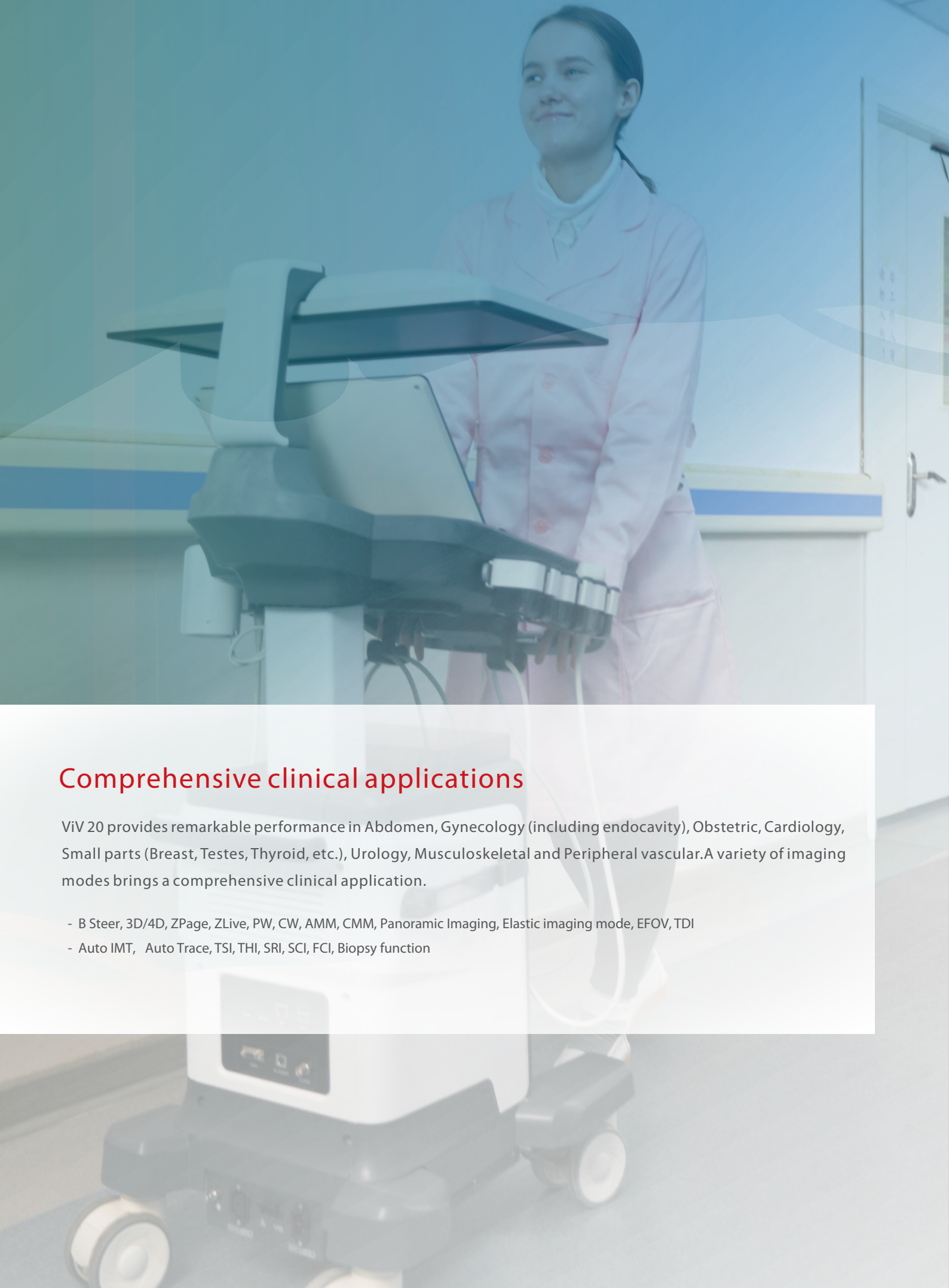
Spatial Compound Imaging

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



Make Efficient and Fast Workflow a Daily Companion

- Efficient multi-function touch screen
- Multiple user-defined programming knobs
- 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
- DICOM 3.0
- USB 3.0 ports, built-in DVD, make transmission more convenient



Comprehensive clinical applications

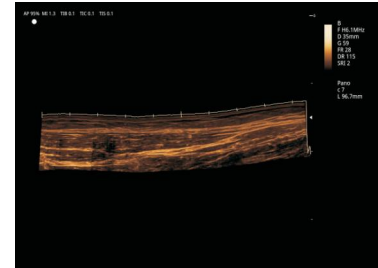
ViV 20 provides remarkable performance in Abdomen, Gynecology (including endocavity), Obstetric, Cardiology, Small parts (Breast, Testes, Thyroid, etc.), Urology, Musculoskeletal and Peripheral vascular. A variety of imaging modes brings a comprehensive clinical application.

- B Steer, 3D/4D, ZPage, ZLive, PW, CW, AMM, CMM, Panoramic Imaging, Elastic imaging mode, EFOV, TDI
- Auto IMT, Auto Trace, TSI, THI, SRI, SCI, FCI, Biopsy function

Radiology

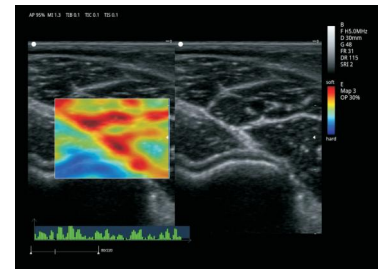
Panoramic Imaging

Panoramic Imaging could help to get extended and complete view of the anatomical structure.



Elastic imaging

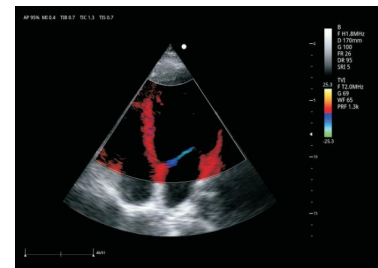
Elastography plays an important role in clinical diagnosis, especially in lesions assessing. Elastography imaging could detect the hardness of nodule, therefore it may help to differentiate malignant from benign lesions.



Cardiology

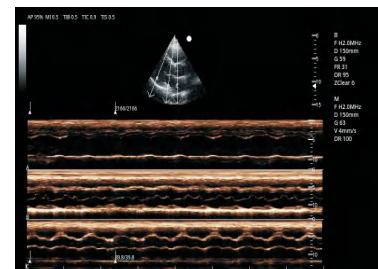
TDI

Tissue Doppler Imaging (TDI) could monitor local myocardial movement, and evaluate the movement quantitatively.



AMM

AMM allows placing up to 3 sample lines at any angles, the thickness and thickening of each ventricular wall could be observed accurately, which is also helpful for the accurate measurement of ejection fraction.



Obstetrics and Gynecology

3D/4D

Zoncare advanced 3D/4D mode delivers amazing lifelike 3D/4D images. With ZLive, ViV 20 has the ability to manipulate light and shadow anywhere in the images.

