BPU180

Provide Scanning with Consistency and Efficiency
Visible. Versatile. Valuable.

Shear Wave Elastography - Accurate analysis the degree of hepatic fibrosis

BPU180,the first professional Hepatic Ultrasound Diagnosis System in China.Base on 2D shear wave elastography imaging, has the powerful tool to provide the degree of hepatic fibrosis with color indication and quantitative data. It provides a visual quantitative diagnostic solution of the whole process from early detection to treatment traceability, together with an intelligent platform to protect the health of the liver.

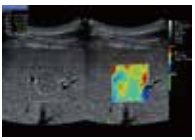
Qualitative Diagnosis of Tumor

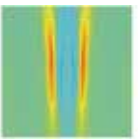
Significantly improves the differentiation of benign and malignant lesions

- Reduce the number of operations for benign nodules
- Reduce the number of unnecessary biopsies
- Real-time Monitoring of Organizational Function
- Anti-fibrosis treatment of liver
- Dynamic course monitoring of hepatic steatosis
- Guide the procedure of tumor intervention

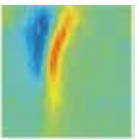
Ultrasound

Professional





Shear wave in homogeneous media



Shear wave in inhomogeneous media

Two-dimensional Shear Wave Elastography Ultrasound Imaging

The product is an ultrasound imaging system with 2-D Shear Wave Elastography based on Ultrafast Imaging Technology, and has B-mode, C-mode, D-mode and other imaging mode.

Shear wave elastography based on ultrafast imaging is a new technique for real-time visualization of soft tissue viscoelastic properties. Using the ultrafast plane wave to track tissue motion at locations offset from the ARFI excitation to determine the propagation speed of the associated shear wave. Combining with the high speed processing technology on GPU, we can get a high frame rate elastography compare to the traditional elastography and a much more accurate result of the tissue elasticity.