mindray

Resona R9
Platinum Edition

A new leap to precision ultrasound

Multi-Parametric UltraSound Breast Solution

Breast cancer is the most common malignancy diagnosed globally. It is the first common cause of cancer death in women. The early detection of breast cancer is critical because patients with early stages have a better prognosis. In response, the Resona R9 Platinum Edition offers the multi-parametric ultrasound breast solution that facilitates early detection of breast cancer, accurate diagnosis and treatment of breast cancer, and cutting-edge clinical research.

Excellent Imaging Performance

Linear Transducer L15-3WU

Empowered by high performance piezoelectric composites, L15-3WU provides ultra-wideband and superior sensitivity in ultrasound imaging.

Ultra Micro Angiography (UMA)

UMA improves diagnostic confidence by expanding the visibility into blood flows to the minute vessel level with superior blood flow sensitivity and resolution
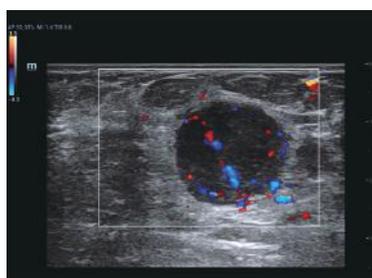
CDFI Breast Lesion
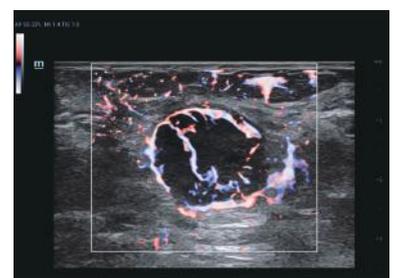
UMA Breast Lesion

Comprehensive Elastography

- Strain Elastography provides good image resolution, clear lesion boundary, and convenient workflow
- Sound Touch Elastography provides high performance shear wave elastography, and multiple quality control tools
- M-Ref. E Compare enables both of real time strain elastography and STE in the same plane, for tissue stiffness evaluation
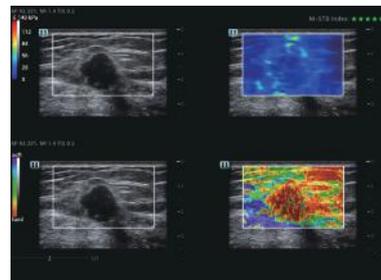

M-Ref. E Compare Breast Malignant

# Advanced CEUS

UWN⁺(Ultra-Wideband Non-linear) CEUS

By utilizing both the 2nd harmonic and non-linear fundamental signals, UWN$^+$ enables high sensitivity of bubble signals and longer contrast perfusion with lower MI, for differentiating benign and malignant breast cancer.
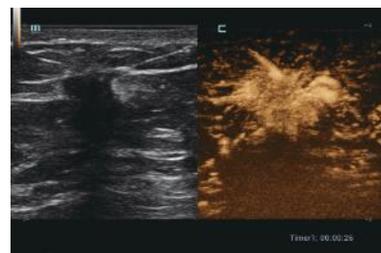
CEUS Breast Malignant

## New CEUS Quantification Analysis

The time-intensity curve enables quantitative analysis of CEUS imaging. The New CEUS QA provides cutting-edge quantitative analysis tools for tumor diagnosis and clinical research.
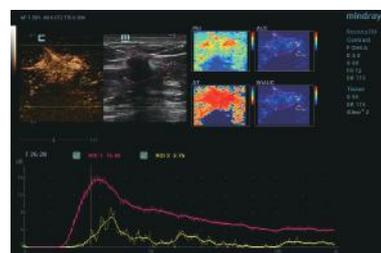
New CEUS QA Breast Malignant
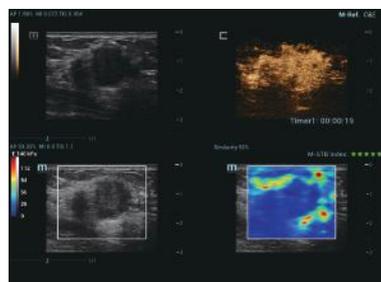
M-Ref. C&E Breast Malignant

M-Ref. C&E

M- Reference CEUS & Elastography supports displaying the contrast and STE in one plane for comparative assessment of perfusion and elasticity.
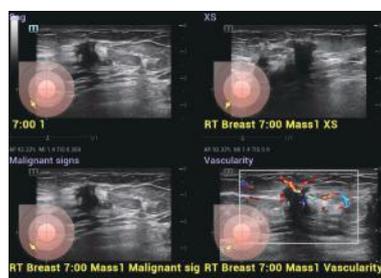
Smart Breast Malignant

Smart Breast

Smart Breast is an automated breast ultrasound classification and reporting tool to make the clinical routine of breast ultrasounds more accurate and productive. The tool also features four-plane-based BI-RADS analysis for more comprehensive and accurate breast lesion classification. Meanwhile, the streamlined automated workflow improves the efficiency in breast scanning.

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