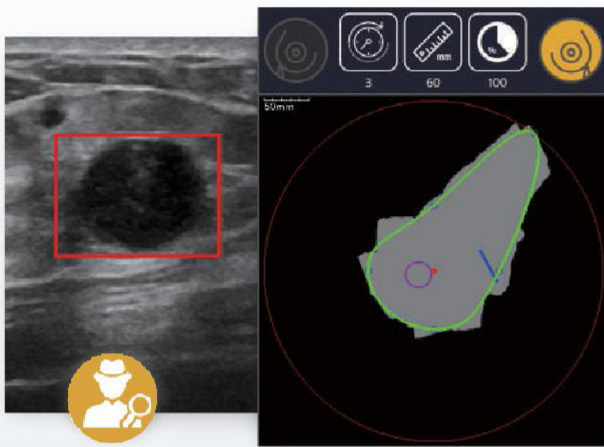# BR-FHUS Smart System

Breast Screening Solution for Handheld Ultrasound

BR- FHUS Navigation
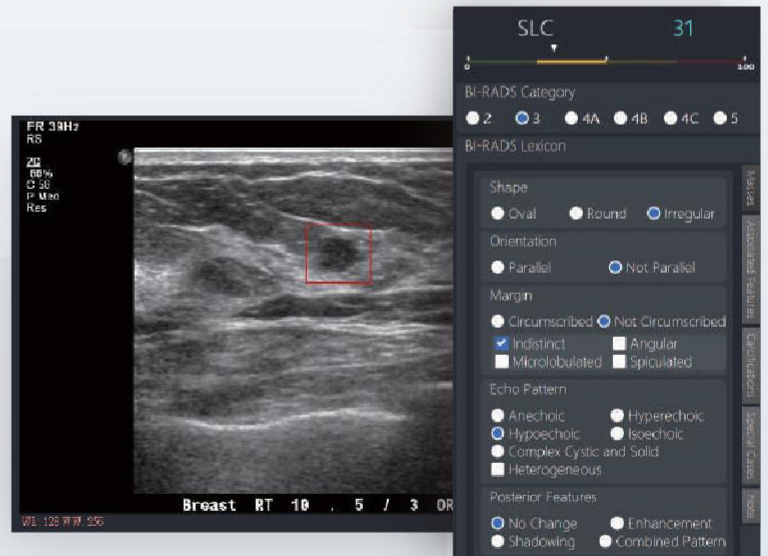### for scanning

Real-time suspicious finding alert

Standardized scanning process

Scanning quality assurance

Compatible with exsting handheld ultrasound

BR- FHUS Viewer
for reporting

Efficient reviewing process

Diagnostic assist system

BI-RADS Lexicon

Rapid reporting system

Can integrate with Computer - aided diagnosis

Patient Information

Display Patient ID, Name, and Birth Date.

Probe List

Switch probe setting.

Set Reference Point (12 o'clock direction)

Set the clock direction reference point; after setting completed, there is a red area in Route Map Panel as the breast border and a white dot at 12 o'clock direction as a clock reference point.

Set Multiple Reference Point (3, 6, and 9 o'clock direction)

To use the clock direction to set the breast border.

Take Screenshot

Capture screenshots of current ultrasound image.

Save Record

Save record; the image and breast position record will be saved as a DICOM file.

Upload Record

Image upload to PACS.

Open File

Select DICOM Files to open and local.

Select Specific Region

Select a specific region by dragging and dropping to display the scan path and the ultrasound image of the area.

Alert Suspicious Area (CADe)

Analyze the sequence images from the loaded image and show all detected suspicious lesions in Suspicious Lesion List. When the sequence images are playing, it will be automatically marked by red bounding box on Image Panel.

Reporting System

Integrate patient information and choose. The results of the diagnostic screenshot can be directly input in the report.

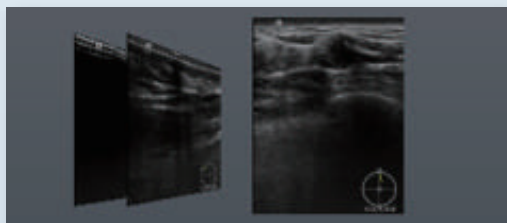## Breast Position (Right/Left Breast)

When a right/left breast record is loaded, the icon will be highlighted.

Take Screenshot

Capture screenshots of the Image Panel and display the preview in the Screenshot Preview Panel. The screenshots will be also synchronized to the reporting system.

Screenshot Preview

Take one or more screenshots of ultrasound images for reporting.

Set Nipple Position (Right/Left)

Scan the right/left breast and mark nipple position. The icon will be highlighted and a red dot is marked as a nipple point in the middle of Route Map Panel.
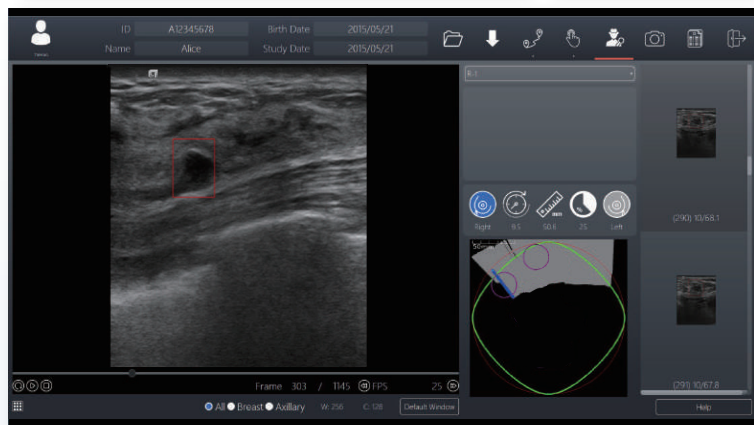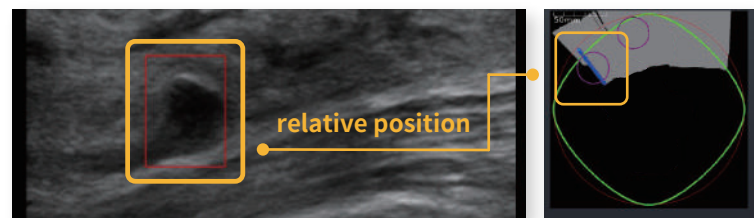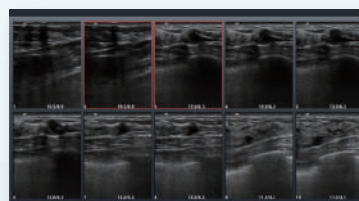
Scanning Coverage Rate

Scanning coverage rate, showing the coverage rate of scanning.

Alert Suspicious Area (CADe)

Analyze the current ultrasound image and show all detected suspicious lesions in Suspicious Lesion List. It will be automatically marked by red bounding box on Image Panel.
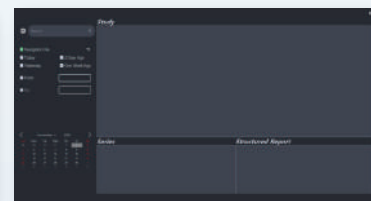

relative position

Multiple Image Review Mode

Multi-image reviewing

PACS Search View

Pop-up the PACS Search View. You can download the study / Series from PACS

Playback Control

Play, pause, stop, replay the sequence images, and slow dwon/ speed up playback.

Adjust FPS

Adjust the currently FPS.