

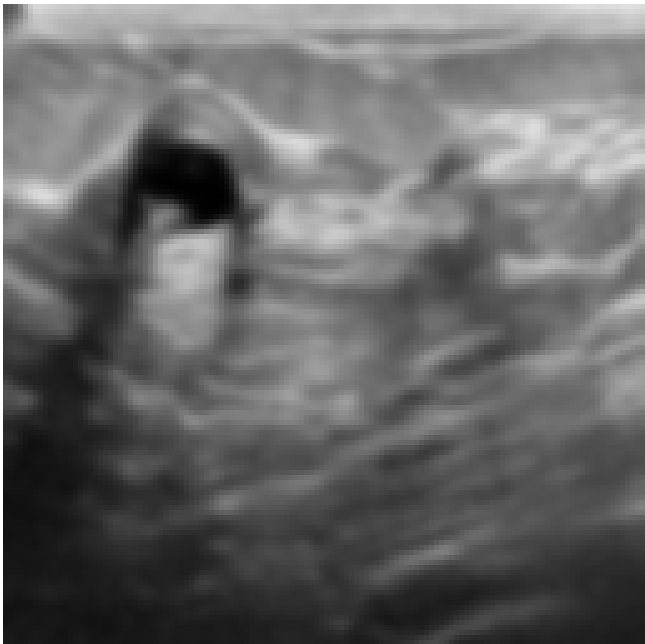
# Breast Cancer Segmentation Report

Generated by MIAI System

## Model Summary

Reported accuracy: 0.9410  
Lesion 1: (x=24, y=24), size=24x21, area=369  
Lesion 2: (x=44, y=53), size=4x4, area=11

## Original vs Segmentation



Original Image



Segmentation Mask

## GPT Analysis

**\*\*Ultrasound Image Analysis Report\*\***

**\*\*Overall Observations:\*\***

- The original ultrasound image displays a grayscale representation with varying textures and densities.
- A prominent dark area is visible in the upper left quadrant, suggesting a region of interest.

**\*\*Segmentation Mask Alignment:\*\***

- The segmentation mask highlights a specific area in white, corresponding to the dark region in the original image.
- The mask aligns well with the primary dark area, indicating accurate coverage of the region of interest.

**\*\*Obvious Artifacts:\*\***

- No significant artifacts are present in the segmentation mask.
- The mask appears clean and focused on the intended area without extraneous markings.

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**\*\*Summary:\*\***

- The segmentation mask effectively identifies and covers the key area of interest in the ultrasound image.
- Alignment between the mask and the original image is precise, enhancing the clarity of the targeted region.
- Overall, the segmentation provides a clear and accurate representation of the specified area.