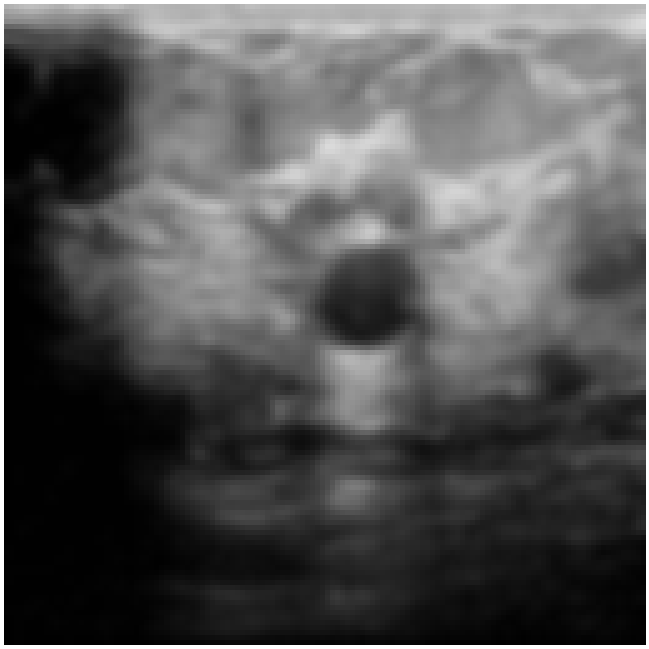
Breast Cancer Segmentation Report

Generated by MIAI System

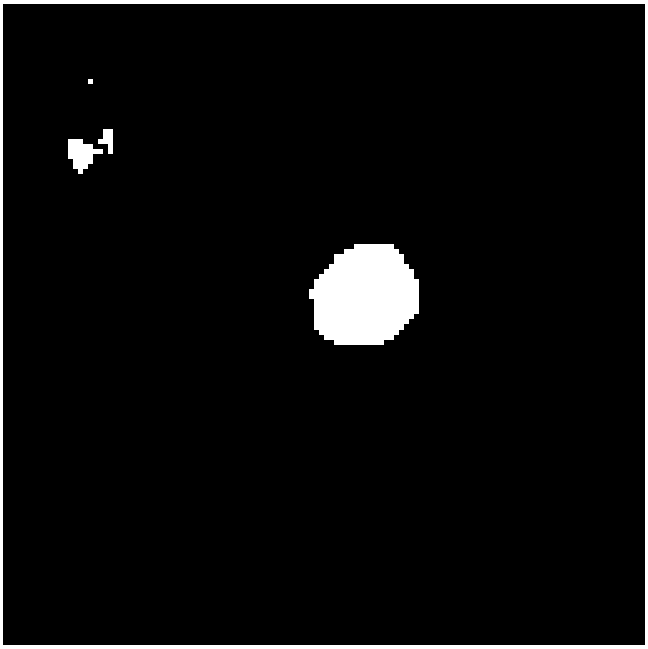
Model Summary

Reported accuracy: 0.8900
Lesion 1: (x=17, y=15), size=1×1, area=1
Lesion 2: (x=19, y=25), size=3×5, area=9
Lesion 3: (x=13, y=27), size=7×7, area=28
Lesion 4: (x=61, y=48), size=22×20, area=346

Original vs Segmentation



Original Image



Segmentation Mask

GPT Analysis

Ultrasound Image Analysis Report

Overall Observations:
- The original ultrasound image displays a central hypoechoic region.
- Surrounding tissue appears heterogeneous with varying echogenicity.

Mask Alignment/Coverage:
- The segmentation mask highlights a circular region corresponding to the hypoechoic area in the original image.
- The mask accurately covers the central feature, indicating precise alignment.

Artifacts:
- Minimal artifacts are present in the original image, primarily due to typical ultrasound noise.
- The segmentation mask does not display any significant artifacts.

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Summary:
- The segmentation mask effectively identifies and aligns with the primary feature in the ultrasound image.
- The coverage is accurate, with minimal interference from artifacts, suggesting a reliable segmentation process.