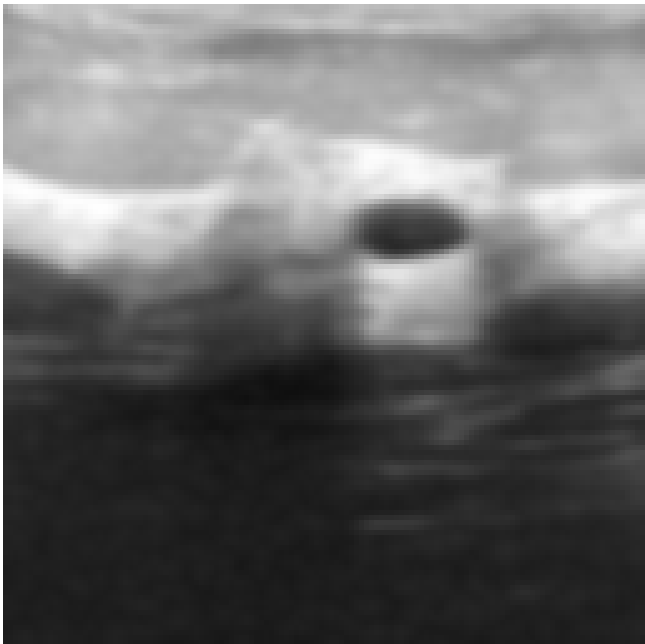# Breast Cancer Segmentation Report

Generated by MIAI System

Model Summary

Reported accuracy: 0.9260
Lesion 1: (x=70, y=38), size=22×14, area=239

Original vs Segmentation

Original Image

Segmentation Mask

GPT Analysis

Ultrasound Image Analysis Report

Overall Observations:
- The original ultrasound image shows a structure with varying echogenicity.
- A distinct, darker region is visible, suggesting a potential area of interest.

Mask Alignment/Coverage:
- The segmentation mask highlights a specific region within the ultrasound image.
- The mask aligns well with the darker area, indicating accurate coverage of the target structure.

Artifacts:
- No significant artifacts are observed in the segmentation mask.
- The mask appears clean and focused on the intended region.

Summary:
- The segmentation mask effectively isolates the area of interest in the ultrasound image.
- Alignment and coverage are precise, with minimal interference from artifacts.
- The analysis supports focused examination of the highlighted region.