

# Breast Cancer Segmentation Report

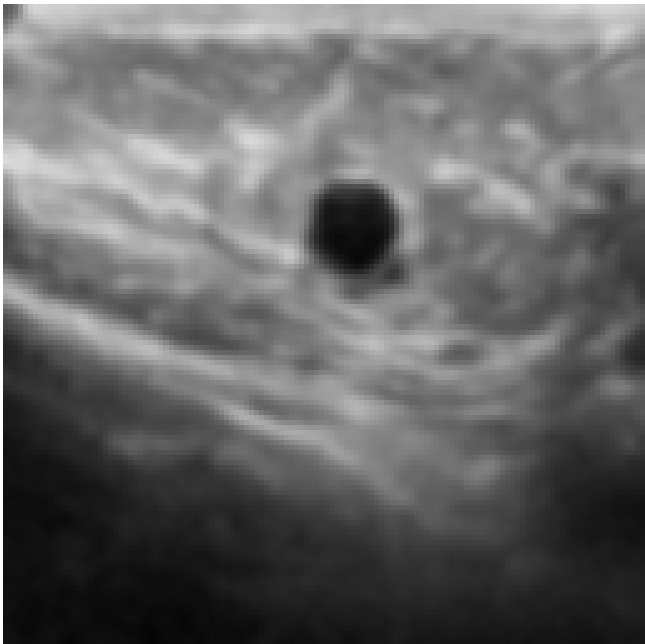
Generated by MIAI System

## Model Summary

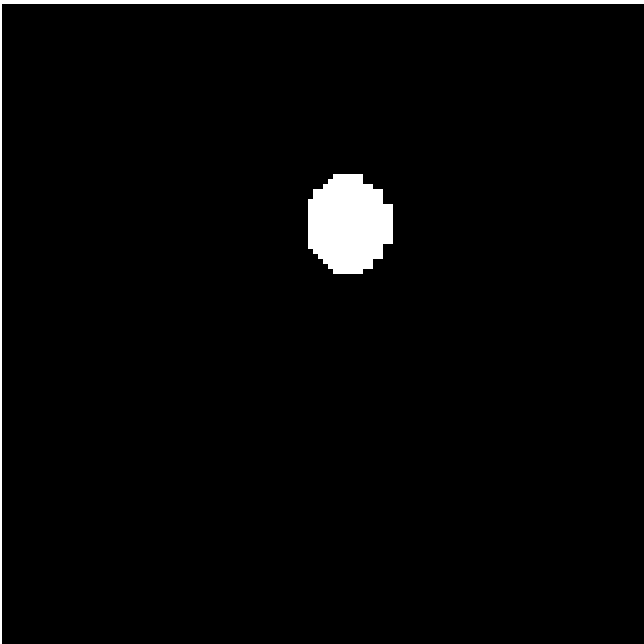
Reported accuracy: 0.9310

Lesion 1: (x=61, y=34), size=17x20, area=269

## Original vs Segmentation



Original Image



Segmentation Mask

## GPT Analysis

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

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

- The original ultrasound image displays a distinct dark circular region, likely representing a structure of interest.
- Surrounding tissue appears heterogeneous with varying echogenicity.

#### \*\*Mask Alignment/Coverage:\*\*

- The segmentation mask accurately highlights the dark circular region in the original image.
- The mask aligns well with the boundaries of the structure, indicating precise segmentation.

#### \*\*Artifacts:\*\*

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

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

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

- The segmentation mask effectively isolates the structure of interest from the original ultrasound image.
- Alignment and coverage are precise, with no noticeable artifacts affecting the mask's integrity.