

BREAST CANCER DETECTION MEDICAL REPORT

AI-Powered Medical Imaging Analysis

Classification: MALIGNANT

Risk Level: LOW

Confidence: 0.88%

Patient Information	
Name:	Priya Patel
MRN:	T001-20251219-0001
Date of Birth:	May 15, 1985
Gender:	female

Report Generated: January 16, 2026 - 12:30:35

Generated By: Dr. Rajesh Sharma (Doctor)

EXECUTIVE SUMMARY

The AI-based deep learning model analyzed the uploaded breast tissue image and classified it as **MALIGNANT** with a confidence score of **0.88%**. This report includes detailed analysis results, risk assessment, and clinical recommendations.

SCAN INFORMATION

Parameter	Value
Scan Number	SCN-20260108-000004
Scan Date	January 08, 2026 09:29
Image Format	jpg
Image Size	8.70 KB
Analysis Duration	3.42 seconds
Status	Completed

ANALYSIS RESULTS

Parameter	Value
Classification	MALIGNANT
Risk Assessment	LOW
Confidence Score	0.88%
Benign Probability	99.12%
Malignant Probability	0.88%

VISUAL ANALYSIS

1. *Original Medical Image*



IMAGE STATISTICS

Property	Value
Mean Intensity	127.50
Std. Deviation	50.00
Minimum Pixel	0
Maximum Pixel	255

CLINICAL RECOMMENDATIONS

- Consult an oncologist or radiologist immediately for further evaluation.
- Request additional diagnostic imaging (mammography, ultrasound, or MRI).
- Consider biopsy for definitive diagnosis.
- Schedule urgent follow-up appointments.
- Share this report with your healthcare provider.
- Discuss potential treatment options with medical professionals.

■ IMPORTANT MEDICAL DISCLAIMER

This AI system is for **educational and research purposes only**. It is NOT clinically validated and must NOT be used as a substitute for professional medical diagnosis, treatment decisions, or healthcare evaluation. This report should only be interpreted by licensed medical professionals. Always consult qualified physicians, radiologists, and oncologists for diagnosis, imaging interpretation, and treatment planning.

Generated by AI-Powered Breast Cancer Detection System

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