

Breast Cancer Classification Report

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User Input Data:

| Parameter | Value |
|------------------------|----------|
| radius_mean | 0.012 |
| texture_mean | 0.12 |
| perimeter_mean | 0.13 |
| area_mean | 1.2 |
| smoothness_mean | 0.0001 |
| compactness_mean | 0.00013 |
| concavity_mean | 0.00014 |
| concave points_mean | 0.000013 |
| symmetry_mean | 0.0011 |
| fractal_dimension_mean | 0.00018 |

Prediction Result: The Breast Cancer is Benign

Trusted Advices For You:

Your biopsy indicates a benign breast lesion. While this is reassuring, ongoing vigilance will help maintain breast health.

Advice for Benign Breast Lesion ----

Monitoring & Imaging :

- Keep up with scheduled follow-up imaging (mammogram or ultrasound).
- Report any new lumps, pain, or changes immediately.

Lifestyle & Prevention :

- Maintain a healthy weight and exercise regularly.
- Limit alcohol and avoid smoking.
- Eat a diet high in fiber, fruits, vegetables, and omega-3s.

Self-Exam & Awareness :

- Perform breast self-exams monthly, ideally a few days after your period.
- Familiarize yourself with how your breasts normally look and feel.
- Report any nipple discharge, skin changes, or persistent discomfort.

Risk Reduction :

- Discuss family history of breast cancer with your doctor.
- Consider genetic counseling/testing if you have high-risk factors.

Note: Continue routine care with your healthcare provider to ensure ongoing breast health.