

Breast Cancer Classification Report

Generated on: 5/14/2025, 11:10:47 AM

User Input Data:

Parameter	Value
radius_mean	45
texture_mean	12
perimeter_mean	46
area_mean	51
smoothness_mean	14
compactness_mean	43
concavity_mean	41
concave points_mean	40
symmetry_mean	38
fractal_dimension_mean	16

Prediction Result: The Breast cancer is Malignant

Trusted Advices For You:

Your pathology report indicates malignant breast cancer. It's important to work closely with your oncology team to plan treatment and support.

Advice for Malignant Breast Cancer ----

Treatment Planning :

- Discuss surgery options (lumpectomy vs. mastectomy) with your surgeon.
- Ask about sentinel lymph node biopsy or axillary dissection.
- Explore adjuvant therapies: chemotherapy, radiation, hormone therapy, or targeted therapy.

Medication & Follow-up :

- Adhere strictly to prescribed chemo or hormone medications.
- Report any side effects (nausea, hair loss, fatigue) to your care team.
- Schedule regular follow-up visits and imaging (mammogram, MRI).

Lifestyle & Support :

- Maintain a balanced diet rich in lean protein, fruits, and vegetables.
- Engage in gentle exercise (walking, yoga) as tolerated.
- Join a support group or counseling to help cope emotionally.

Self-Care Tips :

- Practice relaxation techniques (meditation, breathing exercises).
- Keep a symptom diary to track pain, swelling, or mood changes.
- Stay hydrated and rest whenever you feel fatigued.

Seek Immediate Help If :

- You develop sudden chest pain, fever, or signs of infection.
- You notice rapid swelling or redness around the surgery site.
- You experience shortness of breath or severe fatigue.

Note: Always follow up with your oncologist or breast surgeon for personalized guidance.