Date: 1405/08/16, 2026/11/07

Patient's Name: M.B

Responsible Physician: Dr.Mir

Patient Presentation:

A 37-year-old woman presented with a 30 × 17 mm mass at the 2 o'clock position of the left breast and underwent modified radical mastectomy (MRM).

Final Pathology:

-Histology: Invasive ductal carcinoma (IDC), grade 3

-Multifocal disease (27 mm and 25 mm)

-Extensive DCIS with comedo-type necrosis

-Lymphovascular invasion: Positive

-Surgical margins: Negative

-Axillary lymph nodes: 2/9 positive

-Largest metastatic deposit: 25 mm

-Extra nodal extension: Absent

Pathological stage: pT2N1a

Immunohistochemistry:

-ER: Negative

-PR: Negative

-HER2: Equivocal (2+)

-Ki-67: 35%

Question:

Is adjuvant post mastectomy radiotherapy (PMRT) indicated in this patient?

Recommended Plan:

- ✓ Systemic therapy should be initiated first.
- ✓ Subsequently, in view of the patient's age, the triple-negative subtype of the tumor, and the presence of nodal involvement, adjuvant radiotherapy is recommended. Genetic counseling is also recommended.

مرکز تحقیقات بیماریهای پستان
Breast Diseases Research Center


مرکز تحقیقات بیماریهای پستان
Breast Diseases Research Center