

**Date:** 17.08.2024; 1403/05/27

**Patient's Name:** Z.Z

**Responsible Physician:** Dr.Sarkarde

**Patient presentation:** A 55-year-old woman underwent breast-conserving surgery and followed by chemotherapy, radiotherapy and endocrine therapy for ten years due to left breast cancer in 1388 (IDC, T :22mm, Lymph nodes: 1/14 is involved, LVI: negative, Grade: 1, ER, PR, HER-2:positive, Ki67: 10-15%). In 1402 due to local recurrence in breast, mastectomy was done, Genetic testing showed mutation in BRCA2.

**Question:**

Is contralateral mastectomy necessary in this patient?

**Recommended plan:**

- Opposite mastectomy has no effect on overall survival, it is only recommended to reduce the risk of opposite breast cancer (50% risk reduction).

