

The Intricacies of Bilateral Breast Cancer Management— A Case Report [†]

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Abstract: A secondary primary breast cancer in the opposite breast can be either synchronous or metachronous. Being an uncommon finding in women, bilateral synchronous breast cancer accounts for 0.2-2% of all breast cancer cases. Even so, bilateral breast cancer has a rising incidence due to the widespread adoption of bilateral mammography as part of the workup for newly diagnosed breast cancer. Unlike unilateral breast cancer, there are several controversial issues regarding bilateral breast cancer about diagnostic criteria, nomenclature, and management policies. To address these issues, we present to you a case of a 78-year-old woman with NST G3 breast cancer, amplified HER2, stage IIB (cT2N1M0) for the left breast, stage IA (cT1cN0M0) for the right breast, who received preoperative systemic therapy (5 courses of treatment). Upon completion of chemotherapy, the patient underwent breast-conserving surgery followed by external beam radiation therapy up to 42.56Gy divided into 16 fractions, using 2,66Gy/fraction for a hypofractionated regimen. This case discussed the necessity of tailoring an adequate treatment approach for bilateral breast cancers, as well as comparing the optimal management of this pathological entity.

Keywords: bilateral breast cancer; radiation therapy.

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Conflicts of Interest

The authors declare no conflict of interest.