

Bilateral Breast Cancer- A case Report

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Abstract

Introduction: Breast cancer is one of the most important health problems in the world and affects a great number of women over the entire globe. This group of tumors rarely presents as bilateral disease and, when it does happen, normally occurs within the same biological type. We report a case of concurrent bilateral breast cancer with two different biological types, ER, PR is positive in left breast and were negative in right breast, in a 58 –year old women referred to our oncology center.

Case presentation: A 58 –year old woman referred to our oncology center in November 2012, presented with right breast mass of 7.0× 5.0 cm and left breast mass of 2×2cm. Biopsy had received invasive duct carcinoma G III with ER, PR positive and Her-2negative in left Breast, and invasive duct carcinoma G II with ER, PR negative and Her-2negative in right breast. She was submitted for neoadjuvant chemotherapy 4 cycles of AC followed by bilateral modified radical mastectomy then adjuvant 4 cycles of docetaxel followed by radiotherapy of the thoracic wall and axillary nodes. Hormonal receptors were positive in the tumor of left breast so she started letrozole.

Conclusion: The risk of development of bilateral breast cancer is about 1%each year within similar histological and biological types. In this case, the biological types are different, which is not common.