

DOI: 10.29289/259453942018V28S1010

ONCOPLASTIC SURGERY IN THE CONSERVATIVE TREATMENT OF THE LOCALLY ADVANCED BREAST CANCER: A SISTEMATIC REVIEW

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Introduction: Breast cancer conservative surgical treatment has become the standard procedure to reduce mutilation and preserve the body's self-image. Advances in adjuvancy have widened indications for larger tumors and new trials are demonstrating safety in locally advanced cases. The goal of this systematic review is to evaluate the role of oncoplastic surgery in the treatment of locally advanced breast cancer. **Methods:** 523 papers were analysed from pubmed electronic data base from 2012 to 2017 and 12 papers were selected to analysis with respect to design and outcomes. **Results:** No randomized trial was found. Most of them were retrospective. The average tumor size varied from 40 to 62mm. The rate of conversion of mastectomy to conservative treatment oscilated 34–72,3%. Wise pattern was the most used technique. A greater amount of excised tissue was found when oncoplastic surgery was performed. No diference was observed concerning positive margins comparing the oncoplastic technique versus standard conservative treatment. Oncoplastic tecniques showed higher rates of surgical complications but that did not delay adjuvancy. Local regional recurrence and overall survivel varied from 9 – 14,6% and 76,7–86,6%, respectively. Cosmetic results were considered acceptable by the patients in 84-92,3% of the cases. **Conclusions:** Oncoplastic tecniques allows greater rates of breast conservation in locally advanced cancer cases without apparently putting at risk oncologic safety.