

Feasibility of Round block mammoplasty as a single technique for different quadrants T1,T2 malignant breast lesions. Fayoum university Hospital experience. A study of 25 patients.

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Abstract : Oncoplastic techniques is a method to increase the rate of breast-conserving surgery that can avoid breast deformities and reduce rate of mastectomies. Round-block mammoplasty is one of these techniques Objective: this study aimed to assess the result of Round block mammoplasty technique in T1,T2 malignant breast lesions in different quadrants.

Patients and methods: this study were included 25 female patients of different age groups with malignant breast masses at different breast quadrants the selection criteria of all these patient were the same as conservative breast surgery.

Results : In this study of 25 patients the patients age ranged from 25 to 50 years, the tumors locations were 9 patients at the upper outer quadrant (36%),5 patients at upper inner quadrant (20%),7 patients at lower outer quadrant (28%) and 4 patients at lower inner quadrant (16%). Tumor size were ranging from 50x40 mm to 20x20 mm in different breast sizes .small ,medium and large. All margins of excisions were negative. No drains were inserted in any patient .seroma occurred only in 3 cases (12%). Excellent result with satisfied patients as regarding breast size and scar shape was present in 12 cases (48%), good result and satisfied patient as regarding scar shape was present in 8 cases (32%) and fair result with unsatisfied patients was present in 5 cases (20%).

Conclusion: The round block technique as an oncoplastic technique can be used safely in all quadrants malignant breast lesions, except central quadrant and axillary tail with acceptable both oncologic and aesthetic outcome.

Keywords: Round block mammoplasty- conservative breast surgery- T1,T2 malignant breast lesions.