Algorithm for Correcting Postoperative Breast Deformities Waterfall (or Snoopy Breast) or "Ball in Sock" and its Practical Application

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Abstract:

Introduction: In modern plastic surgery, one of the most popular and frequently performed operations is augmentation mammoplasty (breast enlargement) - as of 2023, more than 10 million women around the world have breast implants.

However, despite the use of modern technologies, the results of breast augmentation plasty are not always satisfactory. Quite often, after the implant is installed, especially in combination with mastopexy in the postoperative period, its deformation and various postoperative complications occur. The development of the complication depends on many reasons: the technique of the operation, the features of the anatomy and physiology of the patient, the types of implants, previously undergone operations, the body's reaction to the implant, on the competent behavior of patients after surgery, the clear implementation of all recommendations.

The high percentage of recurrence of ptosis and the short-term aesthetic effect of mammoplasty testify to the relevance of improving not only the technique of surgical intervention, but also methods of detecting complications, as well as objectifying their assessment, severity and significance. Therefore, the surgical solution to the issue of developing algorithms for the correction of postoperative deformities of the mammary glands in this category of patients becomes extremely important.

The Purpose of the Study. To systematize and develop algorithms for the correction of postoperative deformations of the mammary glands by the type of "waterfall" and "ball in the sock"; to characterize key surgical techniques for the correction of various types of postoperative deformations of the mammary glands by the type of "waterfall" and "ball in the sock" according to the developed classification.

Materials and Methods: 290 patients with secondary postoperative breast deformities were examined and operated taking into account the proposed classification of deformities.

Observation of patients in order to assess the recurrence of deformity and identify its causes was carried out for 18 months.

Results and their Discussion: The division of postoperative deformations "waterfall" (snoopy breast) into 4 types and deformations "ball in the soce" into 2 types, where the main characteristics and key surgical techniques of correction are described.