

# THE RESULTS OF TREATMENT OF BREAST CANCER PATIENTS USING NEOADJUVANT INTRAARTERIAL POLYCHEMOTHERAPY

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**Summary** We developed a new method of therapy in patients with locally advanced breast cancer, based upon the use of neoadjuvant intra-arterial polychemotherapy (IACT). In 64 patients we diagnosed nodular forms, in 9 — infiltrative forms of breast cancer. The positive clinical, radiological and angiographic effect of therapy was noted in 92,2% of all cases. An application of IACT in patients with nodular forms of breast cancer improved survival and the quality of life; shortened the term before radical mastectomy. The retrospective analysis suggested that three years survival rate in patients who underwent preoperative IACT was 16,9% higher than in patients who received conventional radiation therapy, and 8,6% higher than in those, treated with systemic polychemotherapy.

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**Key words:** *breast cancer, intraarterial polychemotherapy, therapy results.*