Application of the BRT method in outpatient surgery in the treatment of burns and infected wounds

A. Musaev
(Athens, Greece)

In modern surgery, wound healing is one of the main tasks. Wounds are among those surgical diseases with which patients most often go to the clinic. Moreover, the overwhelming majority of wounds are micro-contaminated, which greatly complicates the rehabilitation of this group of patients. The method of bioresonance therapy (BRT) was used in outpatient surgery in the treatment of 34 patients with wounds of various origins.

1. Patients discharged from the hospital for outpatient treatment with suppurating postoperative wounds.
2. Patients with purulent wounds (phlegmon, abscesses, panaritiums) after opening them in a polyclinic.
3. Patients with infected wounds due to domestic injuries.
4. Patients with 2nd degree burns.

Drug treatment in patients with BRT was mostly not used, except for dehydrating dressings and washing wounds
antiseptic solutions. BRT sessions lasting 30–40 minutes were carried out in one part of the patients daily, in the other - every other day. In general, in all patients in this group, treatment with the BRT method gave positive results (improvement, significant improvement, recovery). All patients with pain syndrome showed a decrease in pain: after the first session - in 27%, after the second session - in 73% of patients. The use of BRT in the treatment of opened phlegmons and abscesses also accelerated recovery. On days 2–3, there was a significant decrease in tissue infiltration, exudate cleansing, and a decrease in pain. The time for wound healing was almost halved.

In patients with second-degree burns, after the first session, exudation stopped, and wound epithelialization began. As a result, successful wound healing occurred in all patients. None of the burn patients treated with BRT showed suppuration of the burn wounds.

Based on the above observations, it can be concluded that the BRT method gives positive results in the treatment of infected and burn wounds, accelerates healing, relieves pain syndrome and can be successfully applied in outpatient surgical practice.

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