



AESTHETIC AND COSMETIC DERMATOLOGY (LASERS SEPARATE CATEGORY)

INJECTION CARBOXYTHERAPY - SUCCESSFUL METHOD IN THE CORRECTION OF UNDESIRABLE EFFECTS IN COSMETOLOGY

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Introduction: when carbon dioxide was administered subcutaneously improvement of microcirculation, trophics, tissue oxygenation, venous and lymphatic outflow, detoxification and drainage were observed. About 70% of patients after the application of local hardware cryolipolysis on the abdomen observed pain, swelling and paresthesia with varying degrees of severity. This lasted on average for more than 3 weeks. With the use of injection carboxytherapy it became possible to significantly reduce the recovery time.

Objective: to evaluate the efficiency of the injection of carboxytherapy in patients with undesirable effects that follow the local cryolipolysis.

Materials and methods: carboxytherapy was used in 11 patients-volunteers. This method was applied locally, on the abdomen the day after the cryolipolysis procedure, when complaints of severe edema, pain or paresthesia took place. For carboxytherapy, a diffusion gun was used, connected by a special feeding tube with a cylinder of CO₂ gas. CO₂ gas was injected subcutaneously, using needles 30G, by means of multiple injections. 1 injection contained 10-50 ml of CO₂, the total amount introduced in one procedure was 100-400 ml, depending on the area of treated skin. The injection should be applied daily. A total treatment lasts for 10-12 procedures.

Results: by the end of the treatment local edema, pain and paresthesia were not determined in all patients.

No side effects of carboxytherapy were observed.

The recovery time has been reduced by an average of two times, which gives reason to recommend injection of carboxytherapy in cases of undesirable effects in cosmetology.

Conclusions: the method of injective carboxytherapy significantly accelerates the treatment of pain, swelling and paresthesia. It also contributes to a faster recovery of two times after the undesirable effects in cosmetology.

