

EFFICACY OF ELECTRICAL MUSCLE STIMULATION IN THE TREATMENT OF PATIENTS WITH SHIN BONE FRACTURES

V.N. Obolenskiy, A.V. Karpenko

SBHI City Hospital of Moscow Healthcare Department,
Russian National Research Medical University named Moscow, Russian Federation
Russian University of Friendship of Peoples, Moscow, Russian Federation

A prospective, randomized, controlled study was undertaken with the aim to evaluate the efficacy of calf electrical muscle stimulation (EMS) in the prevention of venous thromboembolism events (VTE) and reduction of treatment and rehabilitation times in patients with shin bone fractures. The authors analyzed the incidence of VTE, treatment and rehabilitation times, and changes in quality of life as assessed with the SF-36 questionnaire; they conclude that EMS is a valuable choice for recently hospitalized traumatology patients.