

Lower limb revascularization - a continuous challenge

B. Socea¹, V. Constantin¹, A. Carap¹, C. Moculescu¹, D. Costea¹, F. Popa¹, Z. Galajda²

¹Clinica Chirurgie, Spitalul Clinic de Urgență "Sf. Pantelimon", București, România

²Centrul Medical Debrecen, Ungaria

Abstract

Revascularization of the lower extremity in patients with diabetes or chronic obstructive arterial disease is a challenging, still unsolved problem. Modern day technique (stem cell therapy, hyperbaric therapy) has yet to deliver satisfactory results. Homogenous (safenous vein) or heterogeneous (terom, dacron, PTFE-teflon) by-pass surgery is limited because of technical difficulty and positive outcomes have a short duration. All these lead to, in most patients, to amputations as first line therapy or as an alternative to failed approaches. By-pass surgery is limited by graft obstruction. One of the modern-day approaches is the use of omental flap autotransplantation.

Key words: lower limb revascularization, omentoplasty, neo-angiogenesis

Correspondență: Dr. Bogdan Socea
SCU "Sf. Pantelimon" București, Clinica Chirurgie
Șos. Pantelimon, 340-342, Sector 2, București
E-mail: bogdansocea@gmail.com