

Electrostimulation of neuro-muscular tissue is one of the elementary treating methods in physiotherapy. One of the areas of its use is rehabilitation of patients with spinal cord injury. As there doesn't exist enough resources written in Czech language, I settled down to the goal of present the overview and options of its use in those patients. As completing this text, I came out of my knowledges drawn through the studies on 2nd Faculty of Medicine Charles University, specialized publications available in Czech language and not least from specialized articles, case studies and literature of worldwide authors, because those are majority of informations available about this problematic.

This work starts from parts about spinal cord with its injuries and electrostimulation and its practical use. Big portion of the work deals with usage of electrostimulation to improve the quality of life of spinal patients. Especially in prevention of pressure ulcers, respiratory diseases and osteoporosis. Last chapters are specially devoted to functional electrostimulation of upper and lower limb.