Abstract:

Constraint induced movement therapy is one of many neurorehabilitation methods, based on principle of overcoming the learned non-use phenomenon by a specific therapeutic protocol including some behavioral techniques. A classification of currently available studies on the topic have been made on the model of literature review, with an in-depth focus on using Constraint induced movement therapy in occupational therapy for adult patients after stroke who have upper limb motor disorders.

The present study is structured into two sections: a theoretical part and an analytic-descriptive one. In theoretical part history of the method is presented together at Basic method principles and detail contents of a therapeutic protocol. The analytical and descriptive section is aimed to analyse international studies important and relevant with respect to an occupational therapy practice. In this second section are also proposed many possible activities of shaping and task practice techniques which can be used by occupational therapists. Translation of the most widely used test (Motor Activity Log and Wolf Motor Function Test) into Czech language is included.
Keywords: constraint induced movement therapy, stroke, upper extremity, occupational therapy