

ABSTRACT

Title: The current physiotherapeutic approaches used in therapy of patients with hemiplegic shoulder – systematic review

Objective: The main objective of this diploma thesis is the evaluation of different therapeutic approaches in rehabilitation of the hemiplegic shoulder pain, based on the available resources corresponding to the established inclusion criteria. The VAS scale was used in every included study as the primary evaluating criteria. This thesis makes effort to evaluate which physiotherapeutic method is most often used and is most effective in hemiplegic shoulder pain treatment, based on modern literal resources.

Methods: This diploma thesis is processed in the form of a systematic review based on available literary resources. The first part consists of the theoretical basis and the introduction into the problematic of hemiplegic shoulder pain. The second part with the descriptive – analytical character comprises the analysis of the studies, each of which examines different interventions in hemiplegic shoulder pain treatment.

Results: At the end of the systematic review, only 8 studies met the inclusion criteria of this thesis. Regarding to the strict selection criteria and the small sample size, the results of this search apply only to small group of patients. Namely patients who have developed hemiplegic shoulder pain and are in the acute or subacute stage of this condition. Based on the obtained results, it can be stated that the most frequent intervention in the acute and subacute phase of hemiplegic shoulder pain are methods providing passive support of the upper limb and adjustment of postural parameters of the entire shoulder. Concerning the efficiency, this diploma thesis does not offer a conclusive statement about which method is the most effective in hemiplegic shoulder pain.

Keywords: hemiplegic shoulder, shoulder pain, effect, improvement, stroke, acute, subacute, pain