

ABSTRAKT BAKALÁŘSKÉ PRÁCE V AJ

Author: Karolína Štěpánková

Tutor: Mgr. Jindřiška Hálková

Title: Basic principles of treatment and physiotherapy of Complex regional pain syndrome

Subtitle: Influence of chronic symptoms by the method of Fascial manipulation ® in patient with Complex regional pain syndrome

Abstract:

The theoretical part of the bachelor's thesis provides a comprehensive overview of the issue of Complex Regional Pain Syndrome (CRPS). It details the development of terminology, epidemiology, pathophysiology, types of CRPS and stages of the syndrome. It characterizes in detail the clinical symptoms in patients. It provides a summary of new and proven methods used for treatment. It deals with both invasive and non-invasive methods (physiotherapy, psychotherapy, pharmacotherapy, occupational therapy and physical therapy). Finally, it deals with disorders of the body scheme in patients with CRPS and pediatric patients.

The practical part of the bachelor's thesis uses a questionnaire survey to describe chronic symptoms in patients with CRPS in the Czech Republic. The survey completed by patients suffering from the condition uses a diverse range of questions in order to gain better scope about what living with Complex Regional Pain Syndrome is like. It raises questions about chronic symptoms, treatment, physiotherapy, pharmacotherapy, psychotherapy, pain, ADL and a return to quality of life as before the diagnosis of the syndrome. At the end of the practical part, a case report of a patient with chronic symptoms who underwent 8 therapies using the Fascial Manipulation® method is attached.

The case report evaluates objectively: the range of active and passive movement, anthropometrically measured limb circumference, using the Janda Approach to measure muscle strength. The patient periodically completes the questionnaire compiled specifically for this bachelor's thesis and the accompanying questionnaire: The Bath CRPS Body Perception Disturbance Scale. The

questionnaires were filled in before the start of therapy, in the middle and after the last therapy. The results allow for the observer to capture subjective changes in the patient's clinical progression.

The results of the questionnaire survey provide an interpretation of symptoms in chronic patients, the representation (analysis) of non-invasive treatment and respondents' view of the change in quality of life affected by CRPS. The questionnaire aided in providing data to develop an educational leaflet intended for patients that may be at risk in developing CRPS. The results of the case report bring subjective and objective improvement of the patient in several parameters.

Keywords: complex regional pain syndrome, algoneurodystrophy, treatment, physiotherapy, Fascial Manipulation®