BACHELOR THESIS ABSTRACT

Author's first name and surname: Anna Chmelařová

Bachelor thesis supervizor: MUDr. Petra Sládková, Ph.D.

Oponent:

Title of bachelor thesis: Options of Physiotherapy Approaches for Patients with Vertebral Algic Syndrome of Lumbar Spine using ICF Core Set

Abstract:

This bachelor thesis deals with options of physiotherapy approaches for patients with vertebral algic syndrome of lumbar spine as well as with the clinical application of the International classification of functioning, disability and health (ICF) using the Brief ICF Core Set for Low Back Pain. This thesis contains of a theoretical and a practical part.

The theoretical part includes variety of causes of vertebral algic syndrome, basic information about epidemiology, etiology and time duration. Options of physiotherapy approaches which were used for patients chosen for this thesis are also described. Furthermore, the thesis uses the characteristic of the ICF and describes the Brief ICF Core Set for Low Back Pain, including the ratings of validity of this Core Set by two chosen studies.

The practical part offers an overview of methodology of this thesis, in particular the data collection methods, patient selection, goals and assumptions of this thesis. It also contains case reports of three chosen patients including the Brief ICF Core Set for Low Back Pain. This is followed by the final evaluation of the goals of this thesis.

Key words: Dynamic Neuromuscular Stabilization, ICF Core Set for Low Back Pain, International Classification of Functioning, Disability and Health, lumbar spine, McKenzie method, physiotherapy, vertebral algic syndrome, Vojta method