

Abstract

Title: Case study of physiotherapeutic treatment of patient with diagnosis of multiple sclerosis

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Objectives: The aim of this thesis is to elaborate the theoretical part of the diagnosis of multiple sclerosis. Follow-up practical processing of the case study of patient diagnosed with multiple sclerosis

Methods: This work was processed based on bachelor's and specialized internships. The case study was conducted on a patient diagnosed with multiple sclerosis at Agel Říčany a. s., with these internships taking place from January 8, 2024, to February 2, 2024. Specialized methods taught at the UK FTVS were used in the bachelor's degree program scope. Initially, the patient's medical history was taken, followed by an initial kinesiological analysis. Based on the results of the initial kinesiological analysis, a short-term and long-term therapeutic plan were established. A total of 17 therapeutic sessions were conducted. During the final session, an exit kinesiological analysis was performed, upon which the therapy's effectiveness was evaluated. The general section involved processing theoretical information related to multiple sclerosis.

Results: As a result of the therapy, the patient experienced improvement, and most of the set goals were achieved. Among the main goals, it included walking with french canes, improving stability, and increasing muscle strength

Keywords: Rehabilitation, physiotherapy, neurodegenerative diseases, autoimmune diseases, multiple sclerosis