

Abstract

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Title: Case study of physiotherapeutic care for a patient after stroke with left-sided hemiparesis

Objective: Acquisition and processing of theoretical knowledge about stroke. Further development of a case study of a patient after stroke with left-sided hemiparesis, including own examination, subsequent therapy proposal, and its practical implementation.

Methods: This bachelor thesis is divided into two parts – general and special. The general part offers the theoretical description of the disease, its examination, and selected physiotherapeutic procedures. Information provided for this part was retrieved from textbooks, studies, and scientific literature. Special part includes a case study of a patient after stroke with left-sided hemiparesis, which contains medical history, initial kinesiological analysis, ten therapeutic units, and a final kinesiological analysis. To conclude the special part, there is an evaluation of the therapy's effectiveness, a discussion comparing the methods used in therapy and their results with information from relevant research articles.

Results: During the therapy, gradual improvement in the patient's condition was observed. Thanks to the progress in mobility of the left upper and lower extremities, there were significant improvements in patient's independence, including walking and activities of daily living (ADL).

Conclusion: Processing this work has brought me insights into strokes. The predetermined goals were achieved, including a detailed analysis of diagnosis, therapeutic approaches, and the processing of the patient case study.

Keywords: stroke, hemorrhage, left-sided hemiparesis, rehabilitation, physiotherapy