

Abstract

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Title: Case study of physiotherapy of patient after hemorrhagic stroke with right-sided hemiparesis

Objectives: The main goals of my bachelor thesis were to obtain new theoretical knowledge about strokes and process case study of a patient after a hemorrhagic stroke with right-sided hemiparesis.

Methods: The theme of my thesis is stroke. The first part of the thesis is a general part, the second part is a specialized part. The general part was made using books, scholarly articles and studies. The specialized part contains initial kinesiology analysis, long-term and short-term suggestions of a physiotherapy plan for my patient, individual therapies and final kinesiology analysis including the development of the patient.

Results: As we can see in the development of the patient, we managed to make small changes while doing the therapies. Swelling on the right arm is smaller, hypertonic muscles are more relaxed, the muscles around the right shoulder are able to activate a bit, muscles of the lower limb are stronger and the gait improved a lot. Unfortunately, we didn't manage to improve the spasticity of the right upper limb that much.

Conclusion: This thesis proves that when working with this complicated diagnosis you need to have theoretical knowledge but also practical experience. The methods mentioned in both theoretical and practical parts proves the effectiveness of the therapy of patients after stroke.

Keywords: hemorrhagic stroke, physiotherapy, right-sided hemiparesis