

## **Abstract**

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**Title:** Case study of Physiotherapy Treatment of a Patient with Diagnosis Guillain-Barré syndrome

**Aim:** The main goals of this bachelor thesis is to summarize known facts about the diagnosis of Guillain-Barré syndrome and then present a case study of physiotherapy treatment of a patient with this diagnosis.

**Summary:** This thesis is divided into a theoretical and special part. The focus of the theoretical part is the diagnosis of Guillain-Barre syndrome, it's characteristics, pathophysiology, diagnosis, treatment and rehabilitation. The special part consist of a case study of a patient effected with Guillain-Barré syndrome. The special part is divided into initial and final examination, describtion of the physiotherapy sessions, assesment of effectivnes of the treatment and discussion.

**Results:** We could see improvement in the pactiont's physical condition. Lenghtening of shorthened muscle groups was achieved as well as improvement in strenght, stability, gait and ADL.

**Keywords:** Guillain-Barré syndrome, Acute inflammatory demyelinating polyneuropathy, physiotherapy, rehabilitation, case study