

## **ABSTRACT**

**Title of the thesis:** Case study of physiotherapy treatment of a patient with the diagnosis of polyarthritis after total hip replacement

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### **Summary**

In this bachelor thesis, which was written and composed by myself, it is divided in two parts, the theoretical part and the special part.

Theoretical part describes the anatomy of the hip joint, specifically the bones, muscles, ligaments, nerves and blood supply of the hip joint. Information about kinesiological and biomechanical point of view is also discussed. In the practical part I analyse every procedure I have done with my patient, all the examinations, conclusions, therapies and results.

The last part of my bachelor thesis it is composed from my bibliography, which contains the literature, which I used to write the general part of my bachelor thesis. It contains also the list of figures and tables from the whole thesis and the abbreviations and finally the last thing is the ethics committee.

**Keywords:** hip joint, coxarthrosis, polyarthritis, total hip replacement, range of motion, exercise