

ABSTRACT

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Title: Case study of Physiotherapeutic Care for a Patient After Total Hip Arthroplasty

Objectives: The aim of this bachelor thesis is to explore the issue of total hip arthroplasty (THA) and focus on the analysis of physiotherapeutic care supported by literature, while also developing a case study of physiotherapeutic care for a female patient after THA implantation, including examination, rehabilitation process, and evaluation of its effectiveness.

Methods: The method involves creating a theoretical section based on a literature review and professional scientific articles. The theoretical part includes information on hip joint kinesiology, coxarthrosis, THA implantation, and subsequent physiotherapeutic care. In the specialized section, theoretical and practical knowledge gained during the bachelor's physiotherapy studies were applied. This section includes patient examination, goal setting, therapy progression, and evaluation of therapeutic outcomes. The case study was conducted during professional practice at the Malvazinky Rehabilitation Clinic.

Results: The evaluation of the therapy's effectiveness demonstrates a positive impact on the function of the patient's musculoskeletal system. Most short-term therapeutic plan goals were achieved. The most significant results were observed in increased muscle strength, improved range of motion in the lower limb, mitigation of reflex changes, and enhanced functional independence of the patient.

Conclusion: The application of selected physiotherapeutic procedures contributed to the improvement of the patient's physical condition.

Keywords: hip joint, coxarthrosis, total endoprosthesis, rehabilitation, physiotherapy, case study