

Abstract

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Title: Case report of physiotherapeutic care of a patient after transfemoral amputation

Objectives: To provide a comprehensive overview and analysis of amputation in the lower limb region with a focus on transfemoral amputation. To present the current surgical procedures, rehabilitation methods, psychological aspects and prosthetic solutions, and then to develop a case report of physiotherapy care of a patient after transfemoral amputation.

Methods: The theoretical part of this bachelor's thesis was elaborated with the help of scientific literature and scientific articles available mainly online. At the same time, services based on the use of artificial intelligence were used, namely Evidence Hunt, Microsoft Copilot for Institutions, Connected Papers and DeepL. The special part of this thesis was prepared using practical skills within the scope of the bachelor's degree in physiotherapy during my continuous professional placement in the medical facility of Nemocnice Na Homolce.

Results: The physiotherapeutic intervention led to an improvement in the patient's physical and psychological condition and subsequently to her discharge to her home environment.

Conclusion: The goals of the short-term physiotherapy plan were successfully achieved.

Keywords: amputation, transfemoral amputation, lower limb, case report, physiotherapy, physiotherapy care, prosthetics, rehabilitation, surgical procedures, phantom pain