

Abstract

Title of thesis: The case study of physiotherapeutic treatment of a patient after surgical reconstruction of the anterior cruciate ligament in the knee joint

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Objectives:

The purpose of the theoretical part of this bachelor thesis is to introduce the anatomy, biomechanics, kinesiology, traumatology and examination of the knee joint, focusing on the anterior cruciate ligament. Then to introduce the possibilities of conservative and surgical treatment of its rupture and physiotherapeutic care after surgical reconstruction of the ligament. The goal of the practical part is to present the case study of physiotherapeutic treatment of a patient after surgical reconstruction of the anterior cruciate ligament in his right knee joint.

Method:

This bachelor thesis consists of two parts, theoretical and practical. The first part is concerned with theoretical knowledge about the knee joint. The second part contains entry and leaving examination of a patient and a description of therapeutic units. This part was created during bachelor practice at Centrum léčby pohybového aparátu (Centre for treatment of motion apparatus) under the supervision of Bc. Veronika Pechová.

Results:

Since the condition of the patient has significantly improved during the therapies, I conclude that the physiotherapeutic methods were effective.

Key words:

Knee joint, physiotherapy, anterior cruciate ligament, ACL, surgical reconstruction, case study