

## **Abstract**

**Title:** The case study of physiotherapy treatment of a patient after liver transplantation.

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**Objectives:** The aim of this bachelor thesis is to summarize the facts about liver transplantation including an example of physiotherapeutic treatment on a specific patient after liver transplantation. The thesis is written from a physiotherapeutical point of view.

**Methods:** The bachelor thesis consists of two parts – theoretical part and special part. The theoretical part contains information about anatomy, physiology and pathology of the liver, including liver diseases, description of the transplantation process and physiotherapeutic techniques used after the surgery. All of this information was obtained from scientific literature. The special part of this thesis describes the case study of a specific patient after undergoing liver transplantation including a description of physiotherapeutic care, examinations and therapeutic units. This part was created during my practice in the Institute of Clinical and Experimental Medicine in Prague between 6th and 31st January 2019.

**Results:** The main improvement was in muscle strenght and overall physical condition being noticeable mostly in the gait ability and activities of daily living.

**Keywords:** liver, transplantation, ulcerative colitis, primary sclerosing cholangitis, oesophageal varices, physiotherapy