

## **Abstract**

**Title:** A Case Study of Physiotherapy on a Patient after Liver Transplantation

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### **Objectives:**

The purpose of this work is to review in-depth theory concerning liver transplantations along with the rehabilitation process that entails it. Moreover, create an adequate case study of a patient after liver transplantation.

### **Methods:**

This work is divided into two sections, the theoretical part, and the special part. The first part consists of information gathered through scientific literature, it includes the anatomy, physiology and pathophysiology of the liver. Furthermore, it dives into the specifics of liver transplantations and recommended physiotherapy. The second section exhibits a complete case study of early post-operative physiotherapy on a patient after liver transplantation. The case study was conducted during a month of clinical practice at Institut Klinické a Experimentální Medicíny (IKEM) from the 10/01/2022 – 04/02/2022.

### **Results:**

The patient significantly progressed throughout the physiotherapeutic care. Their overall physical condition improved, that led to the ability of independent verticalization and gait.

### **Keywords:**

Liver, transplantation, alcohol liver disease, portal hypertension, ascites, physiotherapy