

# Abstract

**Title:** Case study of physiotherapy care of a patient after bilateral nephrectomy

**Objectives:** The aim of this work is a conclusion of theoretical knowledge about autosomal dominant polycystic kidney disease. Then elaboration a case study of physiotherapy care of a patient after bilateral nephrectomy because of this disease.

**Methods:** The bachelor thesis consists of theoretical and special parts. The theoretical part contains information about polycystic kidney disease. It also deals with treatment, prognosis and physiotherapeutic methods normally used for this disease. The special part is a case study of the patient after bilateral nephrectomy, hospitalized in IKEM. This part includes a detailed description of therapeutic sessions and their results. The case study was elaborated during an internship in IKEM in time of 10. 1. 2022 - 4. 2. 2022.

**Results:** Main results of the therapies were strengthening the muscles of lower limbs, increase in the range of motion in the hips, breathing stereotype correction and overall condition improvement.

**Keywords:** autosomal dominant polycystic kidney disease, chronic kidney failure, hemodialysis treatment, physiotherapy, rehabilitation