

**Title:** Case report patient after implantation of left total endoprosthesis knee

**Objective:**

The aim of this thesis is the processing of case studies selected patients in continuous professional practice and become familiar with theoretical base implantation diagnosis of total knee arthroplasty.

**Abstract:**

This case study was performed during the period of 10.1. to 4. 2. 2011. This article is divided into a theoretical component and a practical component.

The theoretical component consists of an anatomical description of the knee joint and its kinesiology. The issue of arthritis are described along with the complications of total knee replacement, their types, indications and contraindications. Also, surgical technique and possible complications are discussed as a reminder of basic anatomical and biomechanical characteristics of the knee joint.

The practical component focuses on the aspects of rehabilitation in patients with total knee arthroplasty. The case report was completed on a patient with implanted total knee arthroplasty through initial analysis and a detailed proposal therapy rehabilitation treatment plan. In conclusion, the practical component is composed of final testing and evaluation of the therapy plan.

**Key words:** total endoprosthesis, knee joint, physiotherapy, case report