

Abstract

The abstract of my study deals with the treatment of patient after total hip replacement of right hip joint after repetitive unhelpful rehabilitations of the right hip the pain was lasting from 4 years and now even during the night. My practice was at University Hospital Vinohrady. The physiotherapy program started on 16.01.2019 and ended on 29.01.2019.

My thesis branched into two parts: theoretical and practical part.

The theoretical part analysis everything related to the hip muscles, joints, ligaments, bones, nerves also the biomechanical and kinesiological point of view about the hip joint. In the practical part, after analysis eight sessions with my patient. Which include, all the examinations, therapy, conclusions and results.

The patient had the operation at ORT. FNKV hospital at 08.01.2019.

Goal of the therapy is to decrease oedema and pain, to increase rom, to increase mobility and elasticity of all soft tissues skin, fascia, ligaments, muscles, strengthening of the right leg, stability of the left leg.

After making the final kinesiological examinations in comparison with the initial was significant improvement, as rom of the hip and knee joint of the right leg, strength, mobility and elasticity of the skin was improved, and oedema and pain according to VAS scale was decreased, also the stability of walking was improved and soon the patient will be able to manage normal ADL independently.

Keywords: Total hip replacement, arthritis, coxarthrosis, arthoplast, osteoporosis, osteoarthritis, PIR, joint play, STT.