

Abstract:

The theoretical section of my bachelor thesis is divided into two sections – the general and the special. The general section is focused on the anatomy and the kinesiology of the hip joint, the theory of the Bobath concept and on the coxarthrosis and its solution using the total hip replacement. The special section contains the preoperative phase, but especially the postoperative and the posthospital phase. It includes also a mention about some special physiotherapy methods, which we could use in patients after total hip replacement. The main chapter in the special section is The use of Bobath concept in patients after total hip replacement.

The practical section contains two case histories of patients to whom was indicated the implantation of total hip replacement because of coxarthrosis.

The main aim of this thesis is to choose from Bobath concept those elements that are suitable in patients after total hip replacement and to verify the effectiveness of these elements. The second aim of my bachelor thesis is to verify if these elements are possible to use in hospital inpatient ward.

Key words:

Total hip replacement, Bobath concept, physiotherapy, coxarthrosis, motion stereotype