

ABSTRACT

Title: Injury or disease of the knee joint and the possibilities of orthotic fitting.

Objective: The main objective of this work is a description of various diseases or injuries of the knee joint and of the related restrictions on movement and stability of the knee joint and fitting options suitable orthosis that these restrictions are reduced or eliminated.

Method: Work is processed search form. Work will concentrate on the theoretical part, which is written by a bibliography. The first part is the attention paid to anatomical structure of the lower limbs, various kinds of diseases and injuries of the knee joint and limiting knee function. The second part focuses on the selection of suitable types of orthoses for individual disability. In this section I will use this in addition to literature and the experience that I gained while working on the prosthetic work and from more experienced colleagues on the practices held throughout the study.

Results: The resulting options on improving the function of the knee joint and thus also the entire musculoskeletal system after application of a suitable orthosis. I appoint hypothesis that most damage to the knee joint, a suitable orthosis restore the damaged function.

Keywords: knee joint, orthosis, orthotics