

Abstract

Title: Technical solutions and indications of KAFO orthoses.

Objectives: The aim of this thesis is to look closely of the orthosis at crossing areas of the foot, ankle and knee (KAFO brace), gather available information on individual technical solutions and indications of the type KAFO orthosis. Furthermore, I would be happy if this work has become a useful resource for anyone who wants more insight into this issue.

Methods: During the formation of this thesis I have drawn on available literature and partly from previous personal experience. Next I worked with and obtain information from colleagues and experts in the art. I attended seminars and training courses.

Results: This work contains informations from anatomy, which describes it in greater detail. Is it described human gait, muscle testing lower limb and also includes general orthotics. The main part focuses on disorders of the lower limb which they relate technical solutions KAFO orthosis with their respective indications. The results show the use of a particular technical solution of the orthosis according to the health of the patient.

Keywords: Orthosis, lower extremity, KAFO, paralysis of muscle, extremity lenght