

Abstract

Title: Transfemoral prosthesis, construction types of sockets

Objectives: The aim of this work is to create a comprehensive view of the thigh amputation issue and a subsequent rehabilitation and prosthetic care. The main objective is to compare the different types of sockets. In conclusion, I would like to describe the manufacturing process of scanning measurement data for the socket production.

Methods: The basis for the writing of the thesis is a literature review. I also used the knowledge gained in seminars organized by professional firms. For a complete information obtained I used a method of an informal interviews with experts.

Results: I believe that the anatomical socket allows better comfort for the patient.

Keywords: transfemoral amputation, prosthesis, transfemoral socket, prosthetic components