

Abstract

Thesis title:

Problems and ergonomics of wheelchairs for people with spinal disabilities

Objective of thesis:

Describe the problems of people with spinal disabilities to use wheelchairs and appropriateness of ergonomics.

Tasks:

- Studying and gathering informations from currently available resources on the basis of technical materials relating to the matters set out to objectives of thesis.
- Subsequently by a similar way to find informations about diagnoses, the greatest risk associated with the use of assistive devices, possibilities of equipment and ergonomics issues related to the use of aids.
- Analyze searched results to the most important informations.
- Perform synthesis and categorization of informations. The result of this review to synthesize and present in my thesis.

Method:

This is qualitative research, where review is applied. Through analysis and synthesis of searching down search and defined problems the results of the work occurs.

Results:

The thesis gives an information report for lay and professional public about the proper use of a wheelchair, about the risk called „decubitus“ and about the antidecubitus program that promotes ergonomic sitting in a wheelchair and prevents possible diagnoses.

Key words:

Physically handicapped people, spinal cord, spinal column, spinal disability, quadroplegia, paraplegia, decubitus, antidecubitus sitting pillow, wheelchair, ergonomic sitting.