

Abstract

The aim of the diploma thesis is to evaluate the influence of the sensory adaptation on postural balance of persons between 10 – 20 years old. The measurement of postural balance on stabilometric disc without visual control in postural situations in different difficulty with and without light touch. For this study 10 blind probands and 10 probands without visual impairment are tested. We expect that blind ones will show better results in all of tested COP parameters in all postural situations than control group because of sensory adaptation.

Keywords

postural stability, static balance, visual impairment, blindness, sensory adaptation