

Abstract

Title: Postural stability in subjects with anterior cruciate ligament injury.

Objectives: The aim of this thesis was to find out if the postural stability is differed in subjects with anterior cruciate ligament injury and in the control group after the “4 steps – one leg stance” test had been performed.

Methods: This study compared a group with anterior cruciate ligament injury and a control group on the basis of the “4 steps – one leg stance” test. Methods of comparison and analysis were used.

Results: The test and all measurements revealed differences in postural stability between subjects with anterior cruciate ligament injury and the control group while they were standing both on operated and non-operated limb. There were also differences in postural stability concerning the one leg stance on the operated and the non-operated limb.

Keywords: postural stability, injury, ACL, posturomed