

## **Abstract**

**Title:** Kinematics of the full swing in non-handicapped and handicapped golfers with specific disabilities.

**Objectives:** The aim of the thesis was to investigate, analyse and describe the difference in the execution of the full golf swing between a handicapped player and a player without disability limitations.

**Methods:** A sample of 1 able-bodied and 1 handicapped golfer with similar performance was used to investigate the full swing kinematics using the CODA Motion system 3D kinematic analysis and the BodiTrak pressure plate. Specifically, the difference in execution between the players in selected parameters was evaluated. The obtained data were processed in LibreOffice Calc software. T-test for independent samples and Cohen's d were used to determine the statistical and substantive significance of the differences.

**Results:** Statistical and substantive significance of the difference in the execution of the full swing between able-bodied and handicapped players was found ( $p < 0,01$ ,  $d > 0,8$ ). Nevertheless, the overall results of the shots were not that different.

**Keywords:** tests, performance, movement, impact factors, analysis