

## **Abstract**

**Title:** Analysis of the soccer player movement during a soccer kick

**Objectives:** The aim of study was determine (find) and describe main phases of soccer player's movement and observe intraindividual stability of kinematic solution of kick. 3D kinematic analysis body was used for evaluation of movement and force plate Kistler was used for scan forces of support foot.

**Method:** Twelve junior extraleague and league soccer players, aged 16-19, from SK Slavia Praha - football were monitored. Players were tested in laboratory of sport movement FTVS UK. Players realized 7-10 instep kicks and 5 in-side kicks. All twelve players were tested by this way. Time, speed of ball and forces of support foot was observed.

**Results:** The results provides information's about kinematic movement during the kick, impact of support foot and effect on ball speed.

**Key Words:** soccer, football, biomechanics, kinematics, technique, kick