

Special Issue

Ageing Effects on Kinematics, Kinetics and Balance

Message from the Guest Editors

Motor performance grows drastically worse with age. The accurate measurement of motor performance deterioration can lead to the early detection of impairments and the avoidance of disability and death. In the last year, technological progress has permitted the enlargement of the applicability of functional tests outside clinical environments, facilitating the daily monitoring of older motor performance. Wearable sensors and synthetic quantitative indices have been demonstrated as promising tools for kinematics, kinetics, and balance evaluations. This Special Issue aims at exploring motor performance deterioration in elderly people in order to propose innovative methodologies, tests, or wearable sensors that might be proposed as routine tools for combatting motor decline in older persons. Innovative studies on kinematics, kinetics and balance, as well as on muscle activity will provide deep insights into the ageing process.

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