

Dear Reader!

At the end of the year 2012 we wish you a warm welcome to the second issue of the 44th volume of **Kinesiology**. In the year of many global political and economy challenges and crises, we have still enjoyed inspiring sporting events, first of all the Olympic Games, inciting the feelings of unity, strength, hope, courage, and success. We sincerely congratulate all the participating athletes and their teams. At our local level, we were happy to celebrate six Olympic medals won by the Croatian athletes. It made us proud and served as an incentive to work harder and strive to continue the progress in sport science in spite of the crises and difficulties.

In this issue we present twelve articles. We start off with Marcon, Graça, and Nascimento, who examine the pedagogical knowledge of prospective physical education teachers enrolled at a Brazilian higher education institution with the hope of implementing the results to improve their professional training.

Tackling the very important subject of physical activity in school-aged children, Escalante and colleagues examined the daily physical activity of primary school children during recess and its relationship with the play area size and the childrens' age.

Nikolaïdis investigated the force-velocity components of anaerobic power in 10-22 year-aged male soccer players. Remaining in the field of soccer, we present the work by Shan and associates, who propose regression equations to evaluate the quality of maximal instep kick in both novice and advanced players of both sexes.

Janura and colleagues investigated the characteristics of equine movements' variability (in itself

related to the rider's postural reflex mechanisms) during hippotherapy. On the other hand, Witte and associates introduce a procedure to visualize and analyze the complex movement patterns in sport, applied in the present article to the karate kick mae-geri.

In the ever-expanding field of health benefits of exercise, Faraji and Dabbagh Nikookheslat investigate the effect of concurrent exercise at moderate and light intensity on post-exercise hypotension in borderline hypertensive women. Vidal Andreato and colleagues examine the rate of perceived exertion and a number of physiological responses to and during the recovery from Brazilian jiu-jitsu athletes.

In a longitudinal study on 11-14 year-aged boys, Emeljanovas and associates examine the long-term training effects of sport games vs cyclic sports on muscle strength and several cardiovascular indicators.

Saemi and colleagues aim to deepen the investigation and knowledge on how contextual interference influences children learning a fundamental motor skill in a physical education context. Viira and Koka examine perceived need support, need satisfaction, and motivation in physical education among secondary-school students with differently organized afterschool sport experiences. The last article of this issue also tackles a psychology topic – Kajtna and associates investigate psychological characteristics of team handball goalkeepers, with special regard to aggression, anxiety, reaction times, fluid intelligence, and concentration.

Have a good read and we wish you a happy festive period and all the best in 2013!

Editors