
PhDr.. Martin Musálek, Ph.D.

Consultation hours

Winter semester 2015/16

Tue 11:00 - 12:30

Fri 11:00 - 12:30

Professional qualifications

- 2007 – Mgr. in Physical Education and Sport, Charles University, Prague, Faculty of Physical Education and Sport
- 2012 – Ph.D. in Kinanthropology, Charles University, Prague, Faculty of Physical Education and Sport
- 2014 – PhDr. in Physical Education and Sport, Charles University, Prague, Faculty of Physical Education and Sport

Subjects taught

- Anthropomotrics
- Testing and measuring in anthropomotrics
- Kinanthropology
- Methodology
- Diagnostics: for professional school of coaching within life-long education

Professional focus

- Motor symptoms of laterality, their structure and manifestation during lifetime even in case of specific populations; Normal weight obesity as a significant variable within the level of motoric productivity of children aged 9 to 12; Somatotype and neuromotoric age and their role for suitable development of motor capacity with emphasis on sport performance.

Internships and courses

- 2014: Lomonosov Moscow State University, Russia
Main subjects of study: Faculty of Psychology (MSU), problems of effectiveness of approaches to explicit and implicit motor education, relations between motor symptoms of laterality and phenomenon of spin preference of collective sport players (football)
- November 2011: lectures, Wilfrid Laurier University, Canada
Selection of items for evaluation of motor symptoms of laterality within child population. Stabilization of motor symptoms of laterality of upper and lower limbs in ontogenesis of children.
- October – December 2010: doctoral internship, Wilfrid Laurier University, Canada
Main subjects of study: management of human motor psychometry, cognitive psychology, structural modelling

Selected publications

- CHLÁDEK, P., MUSÁLEK, M., TRČ, T., ZAHRADNÍK, P., & KOS, P. (2015). Femoroacetabular impingement syndrome – efficacy of surgical treatment with regards to the age and the basic diagnosis. *International Orthopaedics*. [Accepted for publication in 2015].
- MUSÁLEK, M., SCHAROUN, S., & BRYDEN, P. J. (2015). The link between cerebellar dominance and skilled hand performance in 8- to 10-year-old right-handed children. *Journal of Motor Behavior*. [Accepted for publication in 2015].
- STEFFL, M., BOHANNON, W. R., HOUDOVA, V., MUSÁLEK, M., PRAJEROVA, K., CESAK, P., PETR, M., KOHLIKOVA, E., & HOLMEROVA, I. (2015). Association between Clinical Measures of Sarcopenia in a Sample of Community-dwelling Women. *Isokinetics and Exercise Science*. 23, 41–44.
- MUSÁLEK, M. (2015). Skilled performance tests and their use in diagnosing handedness and footedness in children of lower school age 8–10. *Front. Psychol.* 5:1513. doi: 10.3389/fpsyg.2014.01513
- CHLÁDEK, P., MUSÁLEK, M., & ZAHRADNÍK, P. (2014). Femoroacetabulární impingement syndrome – první zkušenosti s chirurgickou léčbou. *Acta chirurgiae orthopaedicae et traumatologiae čechoslovaca*. 81(5), 328–334.
- BOHANNON, W. R., STEFFL, M., MUSÁLEK, M., PETR, M., HOUDOVA, V., & HOLMEROVA, I. (2014). Hip extension strength: description and validity of a new procedure applied to older adults. *Isokinetics and Exercise Science*. 22, 211–215.

- MUSÁLEK, M. & HONSOVÁ, Š. (2013). Turning Around a Vertical Axis as a Manifestation of Human Rotation and its Relation to Concepts of Upper and Lower Limb Preference: Differences in Relation to Gender in Adolescent Population. *Acta Universitatis Carolinae Kinanthropologica*, 49(2), 36–46.
- SCHAROUN, S., BRYDEN, P., OTIPKOVA, Z., MUSÁLEK, M., & LEJCAROVA, A. (2013). Motor skills in Czech children with attention-deficit/hyperactivity disorder and their neurotypical counterparts. *Research in Developmental Disabilities*, 43, 4142–4153.
- MUSÁLEK, M. (2012). Selected aspects of eye dominance and its relation to motor laterality manifestation in children population. *Acta Universitatis Carolinae Kinanthropologica*, 48(2), 120–128.
- ŠTOCHL, J. & MUSÁLEK, M. (2009). A practical guide to pilot standardization of tests. *Acta Universitatis Carolinae*, 45, 2, 5–15.