Biomedical determinants of movement

The profiling and unique activities of the Faculty include: the evaluation of predispositions for movement loading, and thus also for the independence and self-serving of seniors and selected groups of patients – obese, dialyzed, disabled, cardiac – and evaluation of the effect of individual regime measures. The predispositions for movement and sport performance at different levels of performance are evaluated, starting with children and ending with seniors, and at the same time an effect of applied training and regime measures is evaluated with the aim of adaptation of lifestyle, reduction of negative contemporary lifestyle, increase in performance, cultivation of movement skills, reduction of weight, etc.

Selected outputs

- Coufalova, Klara; Prokesova, Eva; Maly, Tomas; et al.: Body weight reduction in combat sports. Archives of BUDO, Vol. 9, No.4, pp. 267-272