

Research Associate
Division of Training and Movement Sciences
University of Potsdam
Faculty of Human Sciences
Am Neuen Palais 10 (Building 12)
14469 Potsdam
Germany

Complete Publication Record

Original Work & Reviews

2019

Sempf, F., **Brahms, C.M.**, Thienes, G. (2019). Kniebeuge - Wie sollte sie ausgeführt werden? *PT - Zeitschrift für Physiotherapeuten, (in print)*.

2018

Brahms, C.M., Zhao, Y., Barden, J.M. & Gerhard, D. (2018). Stride length determination during overground running using a single foot-mounted inertial measurement unit. *Journal of Biomechanics, 71*, 302-305.

2016

Johannsmeyer, S., Candow, D., **Brahms, C.M.** (2016). Effect of creatine supplementation and drop-set resistance training in untrained aging adults. *Experimental Gerontology, 83*, 112-119.

2015

Sempf, F. & **Brahms, C.M.** (2015). Welche Auswirkungen hat Foam Rolling auf die sportliche Leistungsfähigkeit? *Forschung Aktuell, 8*(2), 25-28.

Conference Papers and Proceedings

2017

Sempf, F., Glage, D., **Brahms, C.M.** & Thienes, G. (2017). *No correlation between ankle dorsiflexion range of motion and vertical jump height in male elite youth basketball players.* In Ferrauti, A., Platen, P., Grimminger-Seidensticker, E., Jaitner, T., Bartmus, U., Becher, L., De Marées, M., Mühlbauer, T., Schauerte, A., Wiewelhove, T., & Tsolakidis, E. (Eds.), *Book of Abstracts of the 22nd Annual Congress of the European College of Sport*

Science (22nd Annual Congress of the European College of Sport Science, July 5-8 2017, p. 412), Essen: European College of Sport Science.

2016

Sempf, F., **Brahms, C.M.**, Thienes, G. (2016). Pre-season VO_{2max} estimation of young male elite basketball players. In Baca, A., Wessner, B., Diketmüller, R., Tschan, H., Hofmann M., Kornfeind P., Tsolakidis E. (Eds.), *Book of Abstracts of the 21st Annual Congress of the European College of Sport Science* (21st Annual Congress of the European College of Sport Science, July 6-9 2017, p. 717), Wien: European College of Sport Science.

Zhao, Y., **Brahms, C.M.**, Gerhard, D., & Barden, J. (2016). Stance phase detection for walking and running using an IMU periodicity-based approach. In *Proceedings of the 10th International Symposium on Computer Science in Sports* (ISCSS) (pp. 225-232). Springer, Cham.

2015

Brahms, C.M., Zhao, Y., Barden, J.M. & Gerhard, D. (2015). Concurrent validity of a foot-mounted IMU to estimate stride length in running. In Radmann, A., Hedenborg, S., Tsolakidis, E. (Eds.), *Book of Abstracts of the 20th Annual Congress of the European College of Sport Science* (20th Annual Congress of the European College of Sport Science, June 24-27 2015, p. 227), Malmo: European College of Sport Science.

Sempf, F., **Brahms, C.M.**, Fischer, T., Johannsmeyer, S., Thienes, G. (2015). Foam rolling of the ankle dorsiflexors and plantarflexors does not affect vertical jump performance in young, healthy adults. In Radmann, A., Hedenborg, S., Tsolakidis, E. (Eds.), *Book of Abstracts of the 20th Annual Congress of the European College of Sport Science* (20th Annual Congress of the European College of Sport Science, June 24-27 2015, p. 351), Malmo: European College of Sport Science.

Brahms, C.M. (2015, March) *The Effects of fatigue on the variability of stride patterns in recreational an elite distance runners*. Presented at the 3rd Annual KHS Research Day, Regina, Canada.

2014

Sempf, F. & **Brahms, C.M.** (2014) Static stretching of the dorsiflexors increases vertical jump performance in young healthy men. In De Haan, A., De Ruiter, C. J. & Tsolakidis, E. (Eds.), *Book of Abstracts of the 19th Annual Congress of the European College of Sport Science* (19th Annual Congress of the European College of Sport Science, July 2-5 2014, p. 725), Amsterdam: European College of Sport Science.

Brahms, C.M., Clarke, D., Clermont, C. & Nieuwstad, C. (2014, April). *New Biomechanical Technology Approaches to Improve Sport Performance*. Presented at the 2014 Saskatchewan Coaches Conference, Saskatoon, SK.