Prof. Dr. Christoph Schmitz, MD

Munich, Germany

Full Professor and Head of a Basic Science Department at Ludwig-Maximilians University of Munich
Member of the Clinical Sciences & Research Committee of the International Society of Physical and Rehabilitation Medicine (ISPRM)

Languages: German native speaker, English

CURRENT POSITION

- Full Professor and Head of a Basic Science Department at Ludwig-Maximilians University of Munich, Germany (since October 2010)

EMPLOYMENT HISTORY (key positions)

- Since Oct. 2010 Full Professor and Head of a Basic Science Department at Ludwig-Maximilians University of Munich, Germany
- 2010 Jan. to Sept. Freelance Biomedical Scientist
- 2008-2009 Vice President / International Business Development Manager Orthopaedics EMS Electro Medical Systems S.A., Nyon, Switzerland
- 2003-2008 Assistant Professor (Tenured), Department of Psychiatry and Neuropsychology, Division of Cellular Neuroscience, University of Maastricht, Netherlands
- 2002-2003 Assistant Professor, Department of Anatomy, University of Rostock, Germany

EDUCATION

- 2001 Venia legendi for Anatomy, RWTH Aachen University, Aachen, Germany
- 1886-1993 Study of Medicine, RWTH Aachen University, Aachen, Germany

MEMBERSHIP

- Member of the Clinical Sciences & Research Committee of the International Society of Physical and Rehabilitation Medicine (ISPRM)

AWARDS

- 1996 Best Thesis Award, RWTH Aachen University School of Medicine, Aachen, Germany

KEY PUBLICATIONS

Various publications in international peer-reviewed journals including as follows:

- Suputtitada A, Chen CPC, Ngamrungsiri N, Schmitz C – Effects of repeated injection of 1% lidocaine vs. radial extracorporeal shock wave therapy for treating myofascial trigger points: a randomized controlled trial. Medicina 2022; 58(4):479.

- Morgan J, Hamm M, Schmitz C, Brem M – Return to play after treating acute muscle injuries in elite football players with radial extracorporeal shock wave therapy. J Orthop Surg Res 2021; 16(1):708.

- Guo X, Li L, Yan Z, Li Y, Peng Z, Yang Y, Zhang Y, Schmitz C, Feng Z – Efficacy and safety of treating chronic nonspecific low back pain with radial extracorporeal shock wave therapy (rESWT), rESWT combined with celecoxib and eperisone (C + E) or C + E alone: a prospective, randomized trial. J Orthop Surg Res 2021; 16(1):705.

- Vidal X, Martí-Fàbregas J, Canet O, Roqué M, Morral A, Tur M, Schmitz C, Sitjà-Rabert M. Efficacy of radial extracorporeal shock wave therapy compared with botulinum toxin type A injection in treatment of lower extremity spasticity in subjects with cerebral palsy: A randomized, controlled, cross-over study. J Rehabili Med 2020; 52(6):jrm00076.

- Kertzman P, Császár NBM, Furia JP, Schmitz C – Radial extracorporeal shock wave therapy is efficient and safe in the treatment of fracture nonunions of superficial bones: a retrospective case series. J Orthop Surg Res. 2017; 12:164.

- Ibrahim MI, Donatelli RA, Hellman M, Hussein AZ, Furia JP, Schmitz C – Long-term results of radial extracorporeal shock wave treatment for chronic plantar fasciopathy: A prospective, randomized, placebo-controlled trial with two years follow-up. Orthop Res 2017 Jul;35(7):1532-1538.

- Imamura M, Alamino S, Hsing WT, Alfieri FM, Schmitz C, Battistella LR – Radial extracorporeal shock wave therapy for disabling pain due to severe primary knee osteoarthritis. J Rehabil Med. 2017 Jan 19;49(1):54-62.

- Furia JP, Rompe JD, Maffulli N, Cacchio A, Schmitz C – Radial extracorporeal shock wave therapy is effective and safe in chronic distal biceps tendinopathy. Clin J Sport Med. 2016 Nov 23.

- Wang T, Du L, Shan L, Dong H, Feng J, Kiessling MC, Angstman NB, Schmitz C, Jia F – A prospective case control study of radial extracorporeal shock wave therapy for spastic plantar flexor muscles in young children with cerebral palsy. Medicine 2016; 95:e3649.

- Schmitz C, Császár N BM, Milz S, Schieker M, Maffulli N, Rompe J-D, Furia JP – Efficacy and safety of extracorporeal shock wave therapy for orthopedic conditions: a systematic review on studies listed in the PEDro database. Br Med Bull 2015 Dec; 116(1):115-38.

- Császár NB, Angstman NB, Milz S, Sprecher CM, Kobel P, Farhat M, Furia JP, Schmitz C – Radial shock wave devices generate cavitation. PLoS One. 2015; 10:e0140541.

- Rompe JD, Furia J, Cacchio A, Schmitz C, Maffulli N – Radial shock wave treatment alone is less efficient than radial shock wave treatment combined with tissue-specific plantar fascia-stretching in patients with chronic plantar heel pain. Int J Surg 2015;24(Pt B):135-142.

- Schmitz C, Császár NB, Rompe JD, Chaves H, Furia JP – Treatment of chronic plantar fasciopathy with extracorporeal shock waves (review). J Orthop Surg Res. 2013; 8:31.

- Rompe JD, Cacchio A, Weil L Jr, Furia JP, Haist J, Reiners V, Schmitz C, Maffulli N – Plantar fascia-specific stretching versus radial shock-wave therapy as initial treatment of plantar fasciopathy. J Bone Joint Surg Am 2010;92:2514-2522.

- Ibrahim MI, Donatelli RA, Schmitz C, Hellman M, Buxbaum F – Successful treatment of chronic plantar fasciitis with two sessions of radial extracorporeal shock wave therapy. Foot Ankle Int 2010; 31:391-397.

- Schmitz C, De Pace R – Pain relief by extracorporeal shockwave therapy: an update on the current understanding. Urol Res 2009 Aug; 37(4):231-234.

- Hausdorf J, Lemmens MAM, Heck KDW, Grolms N, Korr H, Kertschanska S, Steinbusch HWM, Schmitz C, Maier M – Selective loss of unmyelinated nerve fibers after extracorporeal shockwave application to the musculoskeletal system. Neuroscience 2008; 155:138-144.

- Maier M, Averbeck B, Milz S, Refior HJ, Schmitz C – Substance P and prostaglandin E2 release after shock wave application to the rabbit femur. Clin Orthop 2008; 406:237-245.