

Vanuit de dienst orthopedie az groeninge zijn we ook heel actief in wetenschappelijk onderzoek. Dit laat toe om op de hoogte te blijven van de nieuwste technieken en deze zelfs te verbeteren. Hierdoor hebben we ook een samenwerking op internationaal niveau wat leidt tot internationale meetings en multicentrische studies. Hieronder vindt u een aantal referenties van onze publicaties over enkelinstabiliteit.

Consensus in aanpak van instabiliteit

Michels F, Pereira H, Calder J, Matricali G, Glazebrook M, Guillo S, Karlsson J, ESSKA-AFAS Ankle Instability Group (2018) Searching for consensus in the approach to patients with chronic lateral ankle instability: ask the expert. *Knee Surg Sports Traumatol Arthrosc* 26:2095-2102

Guillo S, Bauer T, Lee JW, Takao M, Kong SW, Stone JW, Mangone PG, Molloy A, Perera A, Pearce CJ, Michels F, Tourné Y, Ghorbani A, Calder J (2013) Consensus in chronic ankle instability: Etiology, assessment, surgical indications and place for arthroscopy. *Orthop Traumatol Surg Res* 99:411-419

Enkelverstuiking

Michels F, Wastyn H, Pottel H, Stockmans F, Vereecke E, Matricali G. The presence of persistent symptoms 12 months following a first lateral ankle sprain: A systematic review and meta-analysis. *Foot Ankle Surg.* 2021 Dec 15:S1268-7731(21)00242-3. doi: 10.1016/j.fas.2021.12.002.

Anatomische enkelbandreconstructie

Michels F, Matricali G, Wastyn H, Vereecke E, Stockmans F. A calcaneal tunnel for CFL reconstruction should be directed to the posterior inferior medial edge of the calcaneal tuberosity. *Knee Surg Sports Traumatol Arthrosc.* 2021 Apr;29(4):1325-1331. doi: 10.1007/s00167-020-06134-x.

Michels F, Cordier G, Guillo S, Stockmans F; ESSKA-AFAS Ankle Instability Group (2016) Endoscopic Ankle Lateral Ligament Graft Anatomic Reconstruction. *Foot Ankle Clin* 21:665-680

Michels F, Guillo S, Vanrietvelde F, Brugman E; Ankle Instability Group, Stockmans F. (2016) How to drill the talar tunnel in ATFL reconstruction? *Knee Surg Sports Traumatol Arthrosc* 24(4):991-997

Michels F, Wastyn H, Van Compennolle K, Clockaerts S, Stockmans F, Vereecke E. How to drill the calcaneal tunnel in calcaneofibular ligament reconstruction? 5th International Congress of Foot & Ankle Minimally Invasive Surgery, Marrakech, maart 2019, "PAU GOLANO" AWARD BEST POSTER

Michels F, Cordier G, Burssens A, Vereecke E, Guillo S (2016) Endoscopic reconstruction of CFL and the ATFL with a gracilis graft: a cadaveric study *Knee Surg Sports Traumatol Arthrosc* 2016 24(4):1007-1014

Cordier G, Ovigie J, Dalmau-Pastor M, Michels F. Endoscopic anatomic ligament reconstruction is a reliable option to treat chronic lateral ankle instability. *Knee Surg Sports Traumatol Arthrosc.* 2020 28(1):86-92

Michels F, Matricali G, Guillo S, Vanrietvelde F, Pottel H, Stockmans F. An oblique fibular tunnel is recommended when reconstructing the ATFL and CFL. *Knee Surg Sports Traumatol Arthrosc.* 2020 28(1):124-131

Subtalaire instabiliteit

Michels F, Vereecke E, Matricali G. Role of the intrinsic subtalar ligaments in subtalar instability and consequences for clinical practice. *Front Bioeng Biotechnol.* 2023 Mar 10;11:1047134. doi: 10.3389/fbioe.2023.1047134.

Michels F, Stockmans F, Pottel H, Matricali G. Reconstruction of the cervical ligament in patients with chronic subtalar instability. *Foot Ankle Surg.* 2022 Jun 18:S1268-7731(22)00110-2. doi: 10.1016/j.fas.2022.06.006.

Michels F, Taylan O, Stockmans F, Vereecke E, Scheyls L, Matricali G. The different subtalar ligaments show significant differences in their mechanical properties. *Foot Ankle Surg.* 2022

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Michels F, Matricali G, Vereecke E, Dewilde M, Vanrietvelde F, Stockmans F. The intrinsic subtalar ligaments have a consistent presence, location and morphology. *Foot Ankle Surg.* 2021 Jan;27(1):101-109. doi: 10.1016/j.fas.2020.03.002.

Michels F, Clockaerts S, Van Der Bauwhede J, Stockmans F, Matricali G (2019) Does subtalar instability really exist? A systematic review. *Foot Ankle Surg* 26(2):119-127