

Mehr als Marathon Der bittere Tribut der langen Distanz!?

Ein Fallbeispiel



Referenzen

- Abady, Afshin Heidar; Rosedale, Richard; Overend, Tom J.; Chesworth, Bert M.; Rotondi, Michael A. (2014): Inter-examiner reliability of diplomats in the mechanical diagnosis and therapy system in assessing patients with shoulder pain. In: The Journal of manual & manipulative therapy 22 (4), S. 199–205. DOI: 10.1179/2042618614y.0000000068.
- Alentorn-Geli, Eduard; Samuelsson, Kristian; Musahl, Volker; Green, Cynthia L.; Bhandari, Mohit; Karlsson, Jón (2017): The Association of Recreational and Competitive Running With Hip and Knee Osteoarthritis: A Systematic Review and Meta-analysis. In: The Journal of orthopaedic and sports physical therapy 47 (6), S. 373–390. DOI: 10.2519/jospt.2017.7137.
- Aytona, Maria Corazon; Dudley, Karlene (2013): Rapid resolution of chronic shoulder pain classified as derangement using the McKenzie method: a case series. In: The Journal of manual & manipulative therapy 21 (4), S. 207–212. DOI: 10.1179/2042618613Y.0000000034.
- Carlton, Lindsay; Maccio, Joseph R.; Maccio, Joseph G.; Braga, Andrew; Tomanio, Elizabeth; Belikov, Anastasia (2018): The application of Mechanical Diagnosis and Therapy to the ankle-foot complex: a case series. In: The Journal of manual & manipulative therapy 26 (3), S. 181–188. DOI: 10.1080/10669817.2018.1456028.
- Carlton, Lindsay; Maccio, Joseph R.; Maccio, Joseph G.; McGowan, Colin (2020): The application of mechanical diagnosis and therapy on hip osteoarthritis: A case report. In: Physiotherapy theory and practice 36 (2), S. 347–357. DOI: 10.1080/09593985.2018.1485194.
- Dong, Xueping; Li, Canfeng; Liu, Jiye; Huang, Pengzhou; Jiang, Guanwei; Zhang, Mengdi et al. (2021): The effect of running on knee joint cartilage: A systematic review and meta-analysis. In: Physical therapy in sport : official journal of the Association of Chartered Physiotherapists in Sports Medicine 47, S. 147–155. DOI: 10.1016/j.ptsp.2020.11.030.
- Esculier, Jean-Francois; Besomi, Manuela; Silva, Danilo de Oliveira; Passigli, Samuele; Rathleff, Michael Skovdal; van Middelkoop, Marienke et al. (2022): Do the General Public and Health Care Professionals Think That Running Is Bad for the Knees? A Cross-sectional International Multilanguage Online Survey. In: Orthopaedic journal of sports medicine 10 (9), 23259671221124141. DOI: 10.1177/23259671221124141.

Gajda, Robert; Walasek, Paweł; Jarmuszewski, Maciej (2020): Right Knee-The Weakest Point of the Best Ultramarathon Runners of the World? A Case Study. In: International journal of environmental research and public health 17 (16). DOI: 10.3390/ijerph17165955.

Hartwell, Matthew J.; Tanenbaum, Joseph E.; Chiampas, George; Terry, Michael A.; Tjong, Vehniah K. (2024): Does Running Increase the Risk of Hip and Knee Arthritis? A Survey of 3804 Marathon Runners. In: Sports health 16 (4), S. 622–629. DOI: 10.1177/19417381231190876.

Hashimoto, Sanshiro; Hirokado, Masatsugu; Takasaki, Hiroshi (2019): The most common classification in the mechanical diagnosis and therapy for patients with a primary complaint of non-acute knee pain was Spinal Derangement: a retrospective chart review. In: The Journal of manual & manipulative therapy 27 (1), S. 33–42. DOI: 10.1080/10669817.2018.1511316.

Heidar Abady, Afshin; Rosedale, Richard; Chesworth, Bert M.; Rotondi, Michael A.; Overend, Tom J. (2017): Application of the McKenzie system of Mechanical Diagnosis and Therapy (MDT) in patients with shoulder pain; a prospective longitudinal study. In: The Journal of manual & manipulative therapy 25 (5), S. 235–243. DOI: 10.1080/10669817.2017.1313929.

Heidar Abady, Afshin; Rosedale, Richard; Chesworth, Bert M.; Rotondi, Michael A.; Overend, Tom J. (2018): Consistency of commonly used orthopedic special tests of the shoulder when used with the McKenzie system of mechanical diagnosis and therapy. In: Musculoskeletal science & practice 33, S. 11–17. DOI: 10.1016/j.msksp.2017.10.001.

Hoessly, Menduri L.; Wildi, Lukas M. (2017): Magnetic Resonance Imaging Findings in the Knee Before and After Long-Distance Running-Documentation of Irreversible Structural Damage? A Systematic Review. In: The American journal of sports medicine 45 (5), S. 1206–1217. DOI: 10.1177/0363546516656180.

Hoffman, Martin D.; Krishnan, Eswar (2014): Health and exercise-related medical issues among 1,212 ultramarathon runners: baseline findings from the Ultrarunners Longitudinal TRacking (ULTRA) Study. In: PloS one 9 (1), e83867. DOI: 10.1371/journal.pone.0083867.

Kakouris, Nicolas; Yener, Numan; Fong, Daniel T. P. (2021): A systematic review of running-related musculoskeletal injuries in runners. In: Journal of sport and health science 10 (5), S. 513–522. DOI: 10.1016/j.jshs.2021.04.001.

Khan, Michaela C. M.; O'Donovan, James; Charlton, Jesse M.; Roy, Jean-Sébastien; Hunt, Michael A.; Esculier, Jean-Francois (2022): The Influence of Running on Lower Limb Cartilage: A Systematic Review and Meta-analysis. In: Sports medicine (Auckland, N.Z.) 52 (1), S. 55–74. DOI: 10.1007/s40279-021-01533-7.

Lo, Grace H.; Driban, Jeffrey B.; Kriska, Andrea M.; McAlindon, Timothy E.; Souza, Richard B.; Petersen, Nancy J. et al. (2017): Is There an Association Between a History of Running and Symptomatic Knee Osteoarthritis? A Cross-Sectional Study From the Osteoarthritis Initiative. In: Arthritis care & research 69 (2), S. 183–191. DOI: 10.1002/acr.22939.

Lynch, Greg; May, Stephen (2013): Directional preference at the knee: a case report using mechanical diagnosis and therapy. In: The Journal of manual & manipulative therapy 21 (1), S. 60–66. DOI: 10.1179/2042618612Y.0000000019.

May, Stephen; Ross, Jenny (2009): The McKenzie classification system in the extremities: a reliability study using Mckenzie assessment forms and experienced clinicians. In: Journal of manipulative and physiological therapeutics 32 (7), S. 556–563. DOI: 10.1016/j.jmpt.2009.08.007.

May, Stephen J.; Rosedale, Richard (2012): A survey of the McKenzie Classification System in the Extremities: prevalence of mechanical syndromes and preferred loading strategies. In: Physical therapy 92 (9), S. 1175–1186. DOI: 10.2522/ptj.20110371.

McKenzie, Robin; May, Stephen (2000): The Human Extremities: Mechanical Diagnosis and Therapy. 2 Bände. Wellington, New Zealand: Spinal Publications New Zealand Ltd.

Rosedale, Richard; Rastogi, Ravi; May, Stephen; Chesworth, Bert M.; Filice, Frank; Willis, Sean et al. (2014): Efficacy of exercise intervention as determined by the McKenzie System of Mechanical Diagnosis and Therapy for knee osteoarthritis: a randomized controlled trial. In: The Journal of orthopaedic and sports physical therapy 44 (3), 173-81, A1-6. DOI: 10.2519/jospt.2014.4791.

Schütz, Uwe; Ehrhardt, Martin; Göd, Sabine; Billich, Christian; Beer, Meinrad; Trattinig, Siegfried (2020): A mobile MRI field study of the biochemical cartilage reaction of the knee joint during a 4,486 km transcontinental multistage ultra-marathon using T2* mapping. In: Scientific reports 10 (1), S. 8157. DOI: 10.1038/s41598-020-64994-2.

Silva, Douglas Roberto; Calvo, Adriano Percival Calderaro; Alves-Ferreira, Ricardo Cesar; Fernandes, Wendel Simões; Albertini, Regiane (2024): The application of directional preference for chronic non-specific knee pain: A pragmatic, controlled, randomized clinical trial. In: Journal of bodywork and movement therapies 40, S. 739–746. DOI: 10.1016/j.jbmt.2024.05.019.

Takasaki, Hiroshi (2016): Agreement of Mechanical Diagnosis and Therapy Classification in People With Extremity Conditions. In: Physical therapy 96 (10), S. 1525–1532. DOI: 10.2522/ptj.20150640.

Takasaki, Hiroshi; Iwasada, Yoshihiro; May, Stephen (2015): Attitude Towards the Use of Mechanical Diagnosis and Therapy and Reliability of Classification Extremity Problems by Credentialed Therapists. In: Journal of chiropractic medicine 14 (1), S. 32–38. DOI: 10.1016/j.jcm.2014.12.002.

Willis, Sean; Rosedale, Richard; Rastogi, Ravi; Robbins, Shawn M. (2017): Inter-rater reliability of the McKenzie System of Mechanical Diagnosis and Therapy in the examination of the knee. In: The Journal of manual & manipulative therapy 25 (2), S. 83–90. DOI: 10.1080/10669817.2016.1229396.

Yarznbowicz, Richard (2020): A prospective study of patients with shoulder pain and Mechanical Diagnosis and Therapy (MDT). In: The Journal of manual & manipulative therapy 28 (1), S. 41–48. DOI: 10.1080/10669817.2018.1563316.

Yarznbowicz, Richard (2022): A prospective study of patients with knee pain and mechanical diagnosis and therapy (MDT) classification. In: Physiotherapy theory and practice 38 (8), S. 1027–1036. DOI: 10.1080/09593985.2020.1812137.

Zhang, Yanjing; Huang, Yi; Zhang, Li; Yao, Wanzhen; Dai, Siyu; Chen, Yong et al. (2024): Effects of long-term running on the structure and biochemical composition of knee cartilage in males: a cross-sectional study. In: Quantitative imaging in medicine and surgery 14 (8), S. 6036–6047. DOI: 10.21037/qims-23-1563.