

DFA BIBLIOGRAPHY

UPDATED FOR CEU'S

1. Suzuki, M., Kuruma, H., Kato, K., Gota, Y., Kase, H., Fujimoto, H., Nagashima, R., Effect of short foot exercise on lower-limb motor control function during single-leg standing in university students with flatfoot: A randomized controlled trial, *Journal of Bodywork & Movement Therapies* (2024), doi: <https://doi.org/10.1016/j.jbmt.2024.02.023>.
2. Wang, X., Wang, Z., Adams, R., Ganderton, C., Lyu, J., Han, J., Ankle Inversion Proprioception Measured During Stair Descent Can Identify Chronic Ankle Instability, *Musculoskeletal Science and Practice*, <https://doi.org/10.1016/j.msksp.2024.102958>.
3. Taija Finni a, , Benedicte Vanwanseele, **Towards modern understanding of the Achilles tendon properties in human movement research**, *Journal of Biomechanics* 152 (2023) 111583.
4. Pirri, C., Stecco, A., Stecco, C., Özçakar, L., **Ultrasound imaging and fascial Manipulation®: 'Adding a twist' on the ankle retinacula**, *Journal of Bodywork & Movement Therapies* (2023), doi: <https://doi.org/10.1016/j.jbmt.2023.11.016>.
5. Somayeh Alizamani,, Gholamali Ghasemi, Shahram Lenjan Nejadian, **Effects of eight week core stability training on stable- and unstable-surface on ankle muscular strength, proprioception, and dorsiflexion in athletes with chronic ankle instability**, *Journal of Bodywork & Movement Therapies* 34 (2023) 6–12.

ANKLE ANATOMY

1. Foot Ankle Int. 2014 Aug 7. pii: 1071100714546549. Subtalar Joint Axis in Patients with Symptomatic Peritalar Subluxation Compared to Normal Controls. Apostle KL I, Coleman NW2, Sangeorzan BB
2. Foot Ankle Surg. 2014 Sep;20(3):192-4. doi: 10.1016/j.fas.2014.04.001. Epub 2014 Apr 16. The extensor hallucis capsularis tendon - A prospective study of its occurrence and function. Bayer T1, Kolodziejwski N2, Flueckiger G2

FOOT INTRINSICS

1. McKeon PO, Hertel J, Bramble D, Davis I. The Foot Core System: a new paradigm for understanding intrinsic foot muscle function. *Br J Sports Med*. 2015 Mar;49(5):290. doi: 10.1136/bjsports-2013-092690. Epub 2014 Mar 21.
2. Al-Himdani et al. Accessory muscles around the foot and ankle presenting as chronic undiagnosed pain. An illustrative case report and review of the literature. *The Foot* 23 (2013) 154-161
3. Jam B. Evaluation and retraining of the intrinsic foot muscles for pain syndromes related to abnormal control of pronation. [October 10, 2013]. [http://www.aptei.com/articles/pdf/Intrinsic Muscles. Pdf](http://www.aptei.com/articles/pdf/Intrinsic%20Muscles.Pdf)

4. Lynn SK, et al. Differences in Static- and Dynamic-Balance Task Performance After 4 Weeks of Intrinsic-Foot-Muscle Training: The Short-Foot Exercise Versus the Towel- Curl Exercise. *Journal of Sport Rehabilitation*, 2012, 21, 327-3
5. Soysa A, Hiller C, Refshauge K, et al. Importance and challenges of measuring intrinsic foot muscle strength. *J Foot Ankle Res* 2012; 5:29.
6. Thordarson D, Schmotzer H, Chon J, et al. Dynamic support of the human longitudinal arch. *Clin Orthop* 316:165-172, 1995

ANKLE/INSTABILITY

1. Exercise based interventions for physically active individuals with functional ankle instability: a systematic literature review. Cruz AL1,2,3, Oliveira R4, Silva AG5,6. *J Sports Med Phys Fitness*. 2018 Sep 27. doi: 10.23736/S0022-4707.18.08544-4.
2. Isometric Hip Strength and Dynamic Stability of Individuals with Chronic Ankle Instability. McCann RS1, Bolding BA2, Terada M3, Kosik KB4, Crossett ID5, Gribble PA4. *J Athl Train*. 2018 Jul;53(7):672-678. doi: 10.4085/1062-6050-238-17. Epub 2018 Aug 7.
3. *Am J Sports Med*. 2014 Apr 10;42(6):1441-1447., Accelerated Versus Traditional Rehabilitation After Anterior Talofibular Ligament Reconstruction for Chronic Lateral Instability of the Ankle in Athletes., Miyamoto WI, Takao M2, Yamada K2, Matsushita T2.
4. *Med Sci Sports Exerc*. 2014 Sep 15. Lower Limb Landing Biomechanics in Subjects with Chronic Ankle Instability. De Ridder R1, Willems T, Vanrenterghem J, Robinson MA, Roosen P.
5. *J Bone Joint Surg Am*. 2014 Apr 16;96(8): e62. doi: 10.2106/JBJS.M.00870. The ligament anatomy of the deltoid complex of the ankle: a qualitative and quantitative anatomical study. Campbell KJ', Michalski MP', Wilson KJ', Goldsmith MT', Wijdicks CA1, Laprade RF2, Clanton TO2
6. HersHKovich O1, Tenenbaum S2, Gordon B3, Bruck N4, Thein R4, Derazne E3, Tzur D5, Shamiss A6, Afek A7 A Large-scale Study on Epidemiology and Risk Factors for Chronic Ankle Instability in Young Adults *J. Foot Ankle Surg*. 2014 Aug 16. pii: S1067-2516(14)00249-X. doi: 0.1053/j.jfas.2014.06.001 •
7. *Br J Sports Med*. 2014 Aug;48(16): 1235-9. doi: 10.1136/bjsports-2013-092947. Epub 2014 Jan 7. Bracing superior to neuromuscular training for the prevention of self-reported recurrent ankle sprains: a three-arm randomised controlled trial. Janssen KW1, van Mechelen W2, Verhagen EA2.
8. M, Moffet H, Bouyer LJ, Perron M, Hebert LJ, Leblond J. Alteration in global motor strategy following lateral ankle sprain. *Bastien BMC Musculoskelet Disord*. 2014 Dec 16;15(1):436.

9. Clin J Sport Med. 2014 Jan;24(1):51-7. doi: 10.1097/JSM.0b013e31829ddc74. Residual mechanical effectiveness of external ankle tape before and after competitive professional soccer performance. Best R, Mauch F, Bohle C, Huth J, Briiggemann P. Lower extremity muscle activation during functional exercises in patients with and without chronic ankle instabilityPM&R, 01/10/2014, Feger MA, et al.
10. Foot Ankle Int. 2014 Jan 13. A Comparative, Prospective, and Randomized Study of Two Conservative Treatment Protocols for First-episode Lateral Ankle Ligament Injuries. Prado MP, Mendes AA, Amodio DT, Camanho GL, Smyth NA, Fernandes TD.
11. Clin J Sport Med. 2014 Jan;24(1):62-8. doi: 10.1097/01.jsm.0000432858.86929.80A. nkle kinematics and muscle activity in functional ankle instability. Monteleone BJ, Ronsky JL, Meeuwisse WH, Zernicke RF
12. Clin J Sport Med. 2014 Jul;24(4):289-94. doi: 10.1097/JSM.000000000000030. The effect of kinesio tape on force sense in people with functional ankle instability. Simon J1 Garcia W, Docherty CL
13. Foot Ankle Int. 2014 Jul 18. pii: 1071100714543646. The Lambda Sign: A New Radiographic Indicator of Latent Syndesmosis Instability. Ryan LPI , Hills MC2, Chang J3, Wilson CD3.
14. Foot Ankle Int. 2014 Mar 17. Radiological Morphology of Peritalar Instability in Varus and Valgus Tilted Ankles. Nosewicz TLI, Knupp M, Bolliger L, Henninger HB, Barg A, Hintermann B.
15. Takumi Kobayashi, PT, PhD1, Eiichi Suzuki, MD2, Naohito Yamazaki, RT3, Makoto Suzukawa, PT, MSc4, Atsushi Akaike, MD5, Kuniaki Shimizu, MD5, Kazuyoshi Gamada, PT, PhD6 Fibular Malalignment in Individuals with Chronic Ankle Instability, Journal of Orthopaedic & Sports Physical Therapy, 2014, VOL. 11 PG 872-878
doi:10.2519/jospt.2014.52
16. Effect of a 2-Week Joint Mobilization Intervention on Single-Limb Balance and Ankle Arthrokinematics in Those with Chronic Ankle Instability Authors: Matthew C. Hoch1, David R. Mullineaux2, Richard D. Andreatta3, Robert A. English3, Jennifer M. Medina-McKeon4, Carl G. Mattacola4, and Patrick O. McKeon4
17. Croy, Theodore; Cosby, Nicole L2; Hertel, Jay3. Active ankle motion may result in changes to the talofibular interval in individuals with chronic ankle instability and ankle sprain copers: a preliminary study. Journal of Manual & Manipulative Therapy, Volume 21, Number 3, 2013, pp. 127-133(7)
18. Differential diagnosis and treatment of iliotibial band pain secondary to a hypomobile cuboid in a 24-year-old female tri-athlete, Brandon, Kristina; Patla, Catherine, Journal of Manual & Manipulative Therapy, Volume 21, Number 3, 2013, pp. 142-147(6)
19. Chronic ankle instability alters eccentric eversion/inversion and dorsiflexion /plantarflexion ratio, Journal of Back and Musculoskeletal Rehabilitation, 07/10/2013 Evidence Based Medicine, Amr Almaz Abdel-aziem 1, Amira Russin Draz2

Esther Chou, Kyung-Min Kim, Andrew G. Baker, Jay Hertel, Joseph M. Hart, Lower leg neuromuscular changes following fibular reposition taping in individuals with chronic ankle instability *Manual Therapy* Volume 18, Issue 4, Pages 316-320, August 2013,

20. Ankle Laxity: Stress Investigation Under MRI Control, Christian J. Seebauerl, Hermann J. Bail², Jens C. Rump³, Bernd Hamm³, Thula Walter³ and UlfK. M. Teichgraber³, *American Journal of Roentgenology*. 2013;201: 496-504. 10.2214/AJR.12.8553
21. *Clin J Sport Med*. 2013 Sep;23(5):384-91. doi: 10.1097/JSM.0b013e318291d22d., Six-week combined vibration and wobble board training on balance and stability in footballers with functional ankle instability., Cloak R, Nevill A, Day S, Wyon M.
22. Wilkin EJ, Hunt A, Nightingale EJ, Munn J, Kilbreath SL, Refshauge KM. Manual testing for ankle instability. *Man Ther*. 2012 Apr 5.
23. Effects of Kinesio Tape Compared with Nonelastic Sports Tape and the Untaped Ankle During a Sudden Inversion Perturbation in Male Athletes, Kristin Briem, Hrefna Eythorsdottir, Ragnheidur G. Magnusdottir, Runar Palmarsson, Tinna Runarsdottir, Thorarinn Sveinsson, *J Orthop Sports Phys Ther*. 2011 May;41(5):328-35. doi: 10.2519/jospt.2011.3501. Epub 2011 Jan 5.DOI: 10.2519/jospt.2011.3501

Ankle sprains

1. Al Bimani SA^{1,2,3}, Gates LS^{1,2}, Warner M^{1,2}, Bowen C^{1,2} Factors influencing return to play following conservatively treated ankle sprain: a systematic review. *Phys Sportsmed*. 2018 Oct 16:1-16. doi: 10.1080/00913847.2018.1533392.
2. GustavoPlaza-Manzanao¹MartaVergara-VilabcSandraVal-OterocCristinaRivera-PrietocDanielPecos-Martinc²TomásGallego-Izquierdoc²AlejandroFerragut-Garcíasd³NataliaRomero-Francod Manual therapy in joint and nerve structures combined with exercises in the treatment of recurrent ankle sprains: A randomized, controlled trial <https://doi.org/10.1016/j.math.2016.08.006>
3. *Br J Gen Pract*. 2014 Sep;64, Structural abnormalities and persistent complaints after an ankle sprain are not associated: an observational case control study in primary care. van Ochten JM¹, Mos MC¹, van Putte-Katier N¹, Oei EH², Bindels PJ², Bierma-Zeinstra SM², van Middelkoop M³•
4. *J Foot Ankle Surg*. 2014 Apr 6. pii: S1067-2516(14)00096-9. doi: 053/j.jfas.2014.02.018. associations between MRI Findings and Symptoms in Patients with Chronic Ankle Sprain. Kwon DG I, Sung KH², Chung CY², Park MS², Kim TW², Lee SH³, Lee KM⁴. John M. van Ochten, MD¹, Marienke van Middelkoop, PhD¹, Duncan Meuffels, MD², Sita M.A. Bienna-Zeinstra, PhD! Chronic Complaints After Ankle Sprains: A Systematic Review on Effectiveness of Treatments, *Journal of Orthopaedic & Sports Physical Therapy*, 2014, Volume: 44 Issue: 11 Pages: 862-C23 doi:10.2519/jospt.2014.5221

5. Paula R. Beckenkamp, PT1 2Chung-Wei Christine Lin, PT, PhD1 2 Chagpar, PT1, Robert D. Herbert, PT, PhD3, Hidde P. van der Ploeg, PhD4 5, Anne M. Moseley, PT, PhD1 2, Prognosis of Physical Function Following Ankle Fracture: A Systematic Review with Meta-analysis, *J Orthop Sports Phys Ther* 2014;44(11):841-851. Epub 30 September 2014. doi:10.2519/jospt.2014.5199
6. *J Athl Train.* 2013 Aug 5., Therapeutic Interventions for Increasing Ankle Dorsiflexion After Ankle Sprain: A Systematic Review., Terada M, Pietrosimone BG, Gribble PA. *PLoS One.* 2013 Aug 5;8(8): e72124. doi: 10.1371/journal.pone.0072124. Print 2013., Predicting functional recovery after acute ankle sprain., O'Connor SR, Bleakley CM, Tully MA, McDonough SM.
7. *Med Sci Sports Exerc.* 2013 Jul 29., Peroneal Reaction Time following Ankle Sprain: A Systematic Review and Meta-analysis., Hoch MC, McKeon PO
8. *Med Sci Sports Exerc.* 2013 Aug 30., Prognosis of Ankle Syndesmosis Injury., Sman AD, Hiller CE, Rae K, Linklater J, Black DA, Refshauge KM. September 2013, Volume 201, Number 3 *Eur Spine J.*, Ankle Laxity: Stress Investigation Under MRI Control, Christian J. Seebauer¹, Hermann J. Bail², Jens C. Rump³, Bernd Hamm³, Thula Walter ³ and Ulf K. M. Teichgraber³
9. *Br J Sports Med.* 2013 Oct 11. doi: 10.1136/bjsports-2013-092626, Mechanical instability destabilises the ankle joint directly in the ankle-sprain mechanism., Gehring D, Faschian K, Lauber B, Lohrer H, Nauck T, Gollhofer A.
10. The role of the medial ligaments in lateral stabilization of the ankle joint: an in vitro study, *Knee Surgery, Sports Traumatology, Arthroscopy*, 10/14/2013 Evidence Based Medicine, Ziai P, et al.
11. Anterior fibrous bundle: a cause of residual pain and restrictive plantar flexion following ankle sprain, *Knee Surgery, Sports Traumatology, Arthroscopy*, 05/29/2012 Clinical Article, Miyamoto W et al.

Achilles Tendon

1. Exercise, orthoses and splinting for treating Achilles tendinopathy: a systematic review with meta-analysis. Wilson F1, Walshe M2, O'Dwyer T1, Bennett K3, Mockler D4, Bleakley C5. *Br J Sports Med.* 2018 Aug 31. pii: bjsports-2017-098913. doi: 10.1136/bjsports-2017-098913.
2. Magnan, Bruno, et al. "The Pathogenesis of Achilles Tendinopathy: A Systematic Review." *Foot and Ankle Surgery*, vol. 20, no. 3, Sept. 2014, pp. 154–159, <https://doi.org/10.1016/j.fas.2014.02.010>.
3. *Foot Ankle Surg.* 2014 Sep;20(3):154-159. doi: 10.1016/j.fas.2014.02.010. Epub 2014

4. J Bone Joint Surg Am. 2014 Sep 17;96(18):1497-503. doi: 10.2106/JBJS.M.01273.
Nonoperative dynamic treatment of acute achilles tendon rupture: the influence of early weight-bearing on clinical outcome: a blinded, randomized controlled trial. Barfod KW, Beneke J, Lauridsen HB, Ban I, Ebskov L, Troelsen A.
5. Exp Gerontol. 2014 Jan 23. pii: S0531-5565(14)00023-0. doi: 0.1016/j.exger. 2014.01.011,
The effect of knee joint angle on plantar flexor power in young and old men. Dalton BHI, Allen MD2, Power GA3, Vandervoort AA4, Rice CL5.
6. J Bone Joint Surg Am. 2014 Jul 2;96(13):1073-1079. Weight-Bearing in the Nonoperative Treatment of Acute Achilles Tendon Ruptures: A Randomized Controlled Trial. Young SW1, Patel A2, Zhu M3, van Dijck S2, McNair P4, Bevan WP2, Tomlinson M2.
7. John M. van Ochten, MD1, Marienke van Middelkoop, PhD1, Duncan Meuffels, MD2, Chronic Complaints After Ankle Sprains: A Systematic Review on Effectiveness of Treatment, J Orthop Sports Phys Ther 2014;44(11):862- 871. Epub 9 October 2014.
doi:10.2519/jospt.2014.5221
8. Br J Sports Med. 2014 Sep 8. pii: bjsports-2013-093273. doi: 10.1136/bjsports-2013-093273., Acute tear of the fascia cruris at the attachment to the Achilles tendon: a new diagnosis. Webborn N1, Morrissey D2, Sarvananthan K2, Chan O 3
9. Scan J Med Sci Sports. 2014 Nov 4. Achilles tendinopathy: A prospective study on the effect of active rehabilitation and steroid injections in a clinical setting. Wetke E1, Johannsen F, Langberg H.
10. r J Sports Med. 2013 Aug;47(12):763-8. doi: 10.1136/bjsports-2013-092271. Epub 2013 Jun 14., Recurrence of Achilles tendon injuries in elite male football players is more common after early return to play: an 11-year follow-up of the UEFA Champions League injury study., Gajhede-Knudsen M, Ekstrand J, Magnusson H, Maffulli N.
11. Ahmad J, Repka M, Raikin SMFoot Treatment of myotendinous achilles ruptures, Ankle Int. 2013 Aug;34(8):1074-8. doi: 10.1177/1071100713483115. Epub 2013 Mar 19.
12. Skeletal Radiol 2013 Oct;42(10):1393-402. doi: 10.1007/s00256-013-1650-3. Epub 2013 Jul 3., Correlation of morphologic and pathologic features of the various tendon groups around the ankle: MR imaging in vestigation., Cabral P, Paulino C, Takahashi R, Clopton P, Resnick D.
13. Am J Sports Med. 2013 Oct;41(10):2400-8. do i: 10.1177/0363546513498988. Epub 2013 Aug 12., The microvascular volume of the achilles tendon is increased in patients with tendinopathy at rest and after a 1-hour treadmill run., Pingel J, Harrison A, Simonsen L, Suetta C, Billow J, Langberg H.
14. L J Bodyw Mov Ther. 2013 Jul;17(3):316-21. doi: 10.1016 /j. jbmt. 2012.11.004. Epub 2012 Dec 23., Overweight and obesity alters the cumulative transverse strain in the Achilles tendon immediately following exercise., Wearing SC, Hooper SL, Grigg NL, Nolan G, Smeathers JE
15. Passive dorsiflexion stiffness is poorly correlated with passive dorsiflexion range of motion. , J.W. Whittinga , J.R. Steeleb, D.E. McGheeb, B.J. Munrob. , Journal of Science and Medicine in Sport. March 2013

16. Bone Joint J. 2013 Oct 1;95-B (I 0):1299-1307., Achilles tendinopathy: A review of the current concepts of treatment., Roche AJ, Calder JD
17. Br J Sports Med. 2013 Oct 15. doi: 10.1136/bjsports-2013-092756., Declining incidence of surgery for Achilles tendon rupture follows publication of major RCTs: evidence- influenced change evident using the Finnish registry study., Mattila VM, Huttunen TT, Haapasalo H, Sillanpaa P, Malmivaara A, Pihlajamaki H.
18. Journal of Orthopaedic & Sports Physical Therapy, November 2013, Vol. 43, No. 11, pp. 794-803, (doi:10.2519/jospt.2013.4762) Whole-Body Vibration Versus Eccentric Training or a Wait-and-See Approach for Chronic Achilles Tendinopathy: Thomas Horstmann, MD1,2, Holger M. Jud, MD3, Vanessa Frohlich, MD4, Annegret Miindermann, PhD5, Stefan Grau, PhD6
19. Am J Phys Med Rehabil 2012 Oct 5, Effect of Eccentric Strengthening on Pain, Muscle Strength, Endurance, and Functional Fitness Factors in Male Patients with Achilles Tendinopathy., Yu J, Park D, Lee G.
20. Surgical Versus Nonsurgical Treatment of Acute Achilles Tendon Rupture: A Meta- Analysis of Randomized Trials, J Bone Joint Surg Am, 2012 Dec 05; 94 (23): 2136-243
21. Evoked Spinal Reflexes and Force Development in Elite Athletes with Middle-Portion Achilles Tendinopathy, Hsing-Kuo Wang, Kwan-Hwa Lin, Yu-Kuang Wu, Shyh-Ching Chi, Tiffany Ting-Fang Shih, Yung-Cheng Huang, DOI: 10.2519/jospt.2011.3564
22. Gardin A, Movin T, Svensson L, Shalabi A, The long-term clinical and MRI results following eccentric calf muscle training in chronic Achilles tendinosis., Skeletal radiology, 201005 39(5):435-42
23. Mid-portion Achilles tendinopathy: why painful? An evidence-based philosophy Knee Surgery, Sports Traumatology, Arthroscopy, 05/24/2011, Van Sterkenburg MN et al.
24. Br J Sports Med. 2012 Mar;46(3):214-8. Epub 2011 Nov 10., A 5-year follow-up study of Alfredson's heel-drop exercise programme in chronic midportion Achilles tendinopathy., van der Plas A, de Jonge S, de Vos RJ, van der Heide HJ, Verhaar JA, Weir A, Tol JL.
25. Achilles Pain, Stiffness, and Muscle Power Deficits: Achilles Tendinitis, Christopher R. Carcia, Rob Roy L. Martin, Jeff R. Houck, Dane K. Wukich, J Orthop Sports Phys Ther. 2010;40(9): A1-A26. doi:10.2519/jospt.2010.0305
26. longitudinal effects of maturation on lower extremity joint stiffness in adolescent athletes, Ford KR, Myer GD, Hewett TE, American Journal of Sports Medicine. 38(9):1829-37, 2010

Posterior Tibialis

1. PERSONS WITH POSTERIOR TIBIAL TENDON DYSFUNCTION HAVE DIMINISHED HIP MUSCLE PERFORMANCE, Noceti-DeWit LM, Popovich J, Reischl S, Kulig K, Kim D, V DOI: 10.2519/jospt.2011.3427. Women with Posterior Tibial Tendon Dysfunction Have

Diminished Ankle and Hip Muscle Performance, Komelia Kulig, John M. Popovich, Lisa M. Noceti-Dewit, Stephen F. Reischl, Dong Kim, DOI: 10.2519/jospt.2011.3427.

2. Rabbito, Melissa, et al. "Biomechanical and Clinical Factors Related to Stage I Posterior Tibial Tendon Dysfunction." *Journal of Orthopaedic & Sports Physical Therapy*, vol. 41, no. 10, Oct. 2011, pp. 776–784, <https://doi.org/10.2519/jospt.2011.3545>.
3. Pohl MB, Rabbito M, Ferber R. The role of tibialis posterior fatigue on foot kinematics during walking. *Journal of Foot and Ankle Research* 2010; 3:6.

Plantar Fasciitis

1. The effect of isometric exercise on pain in individuals with plantar fasciopathy: A randomized crossover trial. *Scand J Med Sci Sports*. 2018 Sep 11. doi: 10.1111/sms.13296. Riel H¹, Vicenzino B², Jensen MB¹, Olesen JL^{1,3}, Holden S^{1,4}, Rathleff MS^{1,4,5}.
2. Effectiveness of Four Different Treatment Modalities in the Treatment of Chronic Plantar Fasciitis During a 36-Month Follow-Up Period: A Randomized Controlled Trial
MeriçUğurlarMD¹Mesut MehmetSönmezMD¹Özge
YapıcıUğurlarMD²LeventAdıyekoMD³HakkıYıldırımMD⁴Osman TuğrulErenMD⁵
<https://doi.org/10.1053/j.jfas.2018.03.017>
3. Gender-related effect of aging on the sonographic appearance of plantar fascia *Journal of Musculoskeletal Pain*, 02/25/2014 Clinical Article, Cheng JW, et al.
4. *Clin J Sport Med*. 2014 May;24(3):211-7. doi: 10.1097/JSM.000000000000021. Comparison of a physiotherapy program versus dexamethasone injections for plantar fasciopathy in prolonged standing workers: a randomized clinical trial., Ryan MI, Hartwell J, Fraser S, Newsham-West R, Taunton J.
5. *Foot Ankle Int*. 2014 Sep 18. pii: 1071100714551021, Musculoskeletal and Activity- Related Factors Associated with Plantar Heel Pain. Sullivan JI, Bums J2, Adams R3, Pappas E3, Crosbie J4. *PM R*. 2014 Feb;6(2):152-8. doi: 10.1016/j.pmrj.2013.07.003. Epub 2013 Jul 19
6. *Foot Ankle Int*. 2014 Jan 13. Platelet-Rich Plasma Efficacy Versus Corticosteroid Injection Treatment for Chronic Severe Plantar Fasciitis. Monto RR.
7. *PM R*. 2013 Jul 19. pii: S1934-1482(13)00369-9. doi: 10.1016/j.pmrj.2013.07.003. Autologous Platelet-Rich Plasma Versus Dextrose Prolotherapy for the Treatment of Chronic Recalcitrant Plantar Fasciitis., Kim E, Lee JH.
8. Association Between Plantar Fascia Vascularity and Morphology and Foot Dysfunction in Individuals with Chronic Plantar Fasciitis, Hongying Chen, PhD¹, Hok-Ming Ho, MBChB², Michael Ying, PhD³, Siu Ngor Fu, PhD¹, *Journal of Orthopaedic & Sports Physical Therapy*, 2013, Volume: 43 Issue: 10 Pages: 727-734 10.2519/jospt.2013.4774
9. Stecco C, Corradin M, Macchi V, Morra A, Porzionato A, Biz C, De Caro R. Plantar fascia anatomy and its relationship with Achilles tendon and paratenon. *J Anat*. 2013 Dec;223(6):665-76. doi: 10.1111/joa.12111. Epub 2013 Sep 12.

10. J Orthop Sports Phys Ther. 2013 Jul 25., Investigation of the Correlation Between Ultrasound Imaging on Plantar Fascia Vascularity and Morphology and Foot Dysfunction in Individuals with Chronic Plantar Fasciitis. Chen H, Ho HM, Ying M, Fu SN.
11. Kim, Eunkuk, and Jong Ha Lee. "Autologous Platelet-Rich Plasma versus Dextrose Prolotherapy for the Treatment of Chronic Recalcitrant Plantar Fasciitis." *PM&R*, vol. 6, no. 2, 19 July 2013, pp. 152–158, <https://doi.org/10.1016/j.pmrj.2013.07.003>. Accessed 15 May 2020.
12. *Acupunct Med*. 2012 Dec;30(4):298-306. doi: 10.1136/acupmed-2012-010183. Epub 2012 Oct 25., The effectiveness of acupuncture for plantar heel pain: a systematic review., Clark RJ, Tighe M.
13. *Foot (Edinb)*. 2012 Sep;22(3):125-9. Epub 2012 May 3., Calcaneal spurs: Examining etiology using prehistoric skeletal remains to understand present day heel pain., Weiss E.J *Back Musculoskelet Rehabil*. 2014 May 27., Taping for plantar fasciitis., Podolsky R, Kalichman L
14. The short-term effects of treating plantar fasciitis with a temporary custom foot orthosis and stretching., Drake M, Bittenbender C, Boyles RE, *J Orthop Sports Phys Ther*. 2011;41(4):221-231
15. Fourie A, Comu C, McNair PJ, Nordez A, Gender Differences in Both Active and Passive Parts of the Plantar Flexors Series Elastic Component Stiffness and Geometrical Parameters of the Muscle-Tendon Complex., *J Orthop Res*. 2012 May;30(5):707-12. doi: 10.1002/jor.21584. Epub 2011 Oct 27.
16. Not Plantar Fasciitis: the differential diagnosis and management of heel pain syndrome, *Orthopaedics and Trauma*, 07/20/2011, Hossain M et al.
17. Wearing SC, Smeathers JE, Urry SR, et al. The pathomechanics of plantar fasciitis. *Sports Med* 2006; 36:585- 611.

Hallux Valgus

1. *Arthritis Care Res (Hoboken)*. 2014 Nov 21. Factors associated with hallux valgus in a community-based cross-sectional study of adults with and without osteoarthritis. Golightly YM1, Hannan MT, Dufour AB, Renner JB, Jordan JM.
2. *Foot Ankle Int*. 2014 Nov 20. pii: 1071100714559072. Staple Fixation for Akin Proximal Phalangeal Osteotomy in the Treatment of Hallux Valgus Interphalangeus. Neumann JA1, Reay KD2, Bradley KE3, Parekh SG4
3. *Foot Ankle Int*. 2014 Sep 18. pii: 1071100714551022. Prevalence of Metatarsus Adductus in Patients Undergoing Hallux Valgus Surgery. Aiyer AAI, ShariffR2, Ying L2, Shub J2, Myerson MS2.
4. *Foot Ankle Int*. 2013 Aug 13., Influence of Common Associated Forefoot Disorders on Preoperative Quality of Life in Patients with Hallux Valgus., Gines-Cespedosa A, Alentom-Geli E, Sanchez JF, Leal-Blanquet J, Rigol P, Puig L, de Zabala S. *Int Orthop*. 2013 Jul 3., Distal soft tissue procedure in hallux valgus surgery: biomechanical background and technique., Schneider W.

5. Phys Ther. 2013 Sep 26, An Image-Based Gait Simulation Study of Tarsal Kinematics in Women with Hallux Valgus., Glasoe WM, Phadke V, Pena FA, Nuckley DJ, Udewig PM
6. Ann Rheum Dis. 2013 Sep 1;72(9):1545-8. doi: 10.1136/annrheumdis-2012-202786. Epub 2013 Jan 19., Tendon involvement in the feet of patients with gout: a dual-energy CT study., Dalbeth N, Kalluru R, Aati O, Home A, Doyle AJ, McQueen FM.
7. Foot Ankle Surg. 2013 Sep;19(3):155-61. doi: 10.1016/j.fas.2013.01.003. Epub 2013 Feb 27., The biomechanics of the first metatarsal bone in hallux valgus: a preliminary study utilizing a weight bearing extremity CT., Collan L, Kankare JA, Mattila K.
8. Validity and Reliability of Hallux Valgus Angle Measured on Digital Photographs, Sheree Nix, Trevor Russell, Bill Vicenzino, Michelle Smith, jospt.2012.3841

Exercise

1. Effects of a therapeutic foot exercise program on injury incidence, foot functionality and biomechanics in long-distance runners: Feasibility study for a randomized controlled trial. Taddei UT1, Matias AB2, Ribeiro FIA3, Inoue RS4, Bus SA5, Sacco ICN6. Phys Ther Sport. 2018 Nov; 34:216-226. doi: 10.1016/j.ptsp.2018.10.015. Epub 2018 Oct 24
2. Br J Sports Med. 2014 Jan 7. doi: 10.1136/bjsports-2013-092947. Bracing superior to neuromuscular training for the prevention of self-reported recurrent ankle sprains: a three-arm randomised controlled trial. Janssen KW, van Mechelen W, Verhagen EA.
3. Br J Sports Med. 2014 Mar 21. doi: 10.1136/bjsports-2013-092690. The foot core system: a new paradigm for understanding intrinsic foot muscle function. McKeon PO I, Hertel J, Bramble D, Davis I.
4. Scand J Med Sci Sports. 2014 Aug 21. High-load strength training improves outcome in patients with plantar fasciitis: A randomized controlled trial with 12-month follow-up. Rathleff MS1, Mølgaard CM, Fredberg U, Kaalund S, Andersen KB, Jensen TT, Aaskov S, Olesen JL.
5. Keles, S. B., et al. "Eccentric/Concentric Training of Ankle Evertor and Dorsiflexors in Recreational Athletes: Muscle Latency and Strength." *Scandinavian Journal of Medicine & Science in Sports*, vol. 24, no. 1, 13 Aug. 2013, pp. e29–e38, <https://doi.org/10.1111/sms.12105>. Accessed 2 Mar. 2019.
6. J Orthop Sports Phys Ther. 2013 Jun 11, Activation of Selected Ankle Muscles During Exercises Performed on Rigid and Compliant Balance Platforms., Harput G, Soylu AR, Ertan H, Ergun N.
7. Effect of plantar intrinsic muscle training on medial longitudinal arch morphology and dynamic function, April 2013 Manual Therapy, Edward P. Mulligan I Patrick G. Cook
8. Med Sci Sports Exerc. 2013 Aug 30, Eccentric Exercise Leads to Performance Decrease and Insulin Signaling Impairment., Pereira BC, Pauli JR, DE Souza CT, Ropelle ER, Cintra DE, Freitas EC, Silva AS.

9. Gait Posture. 2013 Aug 18. pii: S0966-6362(13)00461-X. doi:10.1016/j.gaitpost.2013.08.006., Exercise intensity progression for exercises performed on unstable and stable platforms based on ankle muscle activation., Borreani S, Calatayud J, Martin J, Colado JC, Tella V, Behm D
10. J Sport Rehab. 2012 Nov;21(4):327-33., Differences in static- and dynamic-balance task performance after 4 weeks of intrinsic-foot-muscle training: the short-foot exercise versus the towel-curl exercise., Lynn SK, Padilla RA, Tsang K KW
11. Effectiveness of proprioceptive exercises for ankle ligament injury in adults: A systematic literature and meta-analysis, Manual Therapy, 04/03/2012 Evidence Based Medicine, Postle K et al.
12. Ekblom, M. M. Nordlund. "Improvements in Dynamic Plantar Flexor Strength after Resistance Training Are Associated with Increased Voluntary Activation and V-To-M Ratio." *Journal of Applied Physiology (Bethesda, Md.: 1985)*, vol. 109, no. 1, 1 July 2010, pp. 19–26, pubmed.ncbi.nlm.nih.gov/20448031/, <https://doi.org/10.1152/jappphysiol.01307.2009>.
13. EILS, ERIC, et al. "Multistation Proprioceptive Exercise Program Prevents Ankle Injuries in Basketball." *Medicine & Science in Sports & Exercise*, vol. 42, no. 11, Nov. 2010, pp. 2098–2105, <https://doi.org/10.1249/mss.0b013e3181e03667>.
14. Cheng, Arthur J., et al. "The Influence of Muscle Length on the Fatigue-Related Reduction in Joint Range of Motion of the Human Dorsiflexors." *European Journal of Applied Physiology*, vol. 109, no. 3, 4 Feb. 2010, pp. 405–415, <https://doi.org/10.1007/s00421-010-1364-3>. Accessed 1 Jan. 2021.

Stretching

1. Time course of changes in passive properties of the gastrocnemius muscle-tendon unit during 5 min of static stretching, June 2013 Manual Therapy, Masatoshi Nakamura I Tome Ikezoe I Yohei Takeno I Noriaki Ichihashi
2. Time course of changes in passive properties of the gastrocnemius muscle-tendon unit during 5 min of static stretching, June 2013 Manual Therapy, Masatoshi Nakamura I Tome Ikezoe I Yohei Takeno I Noriaki Ichihashi
3. J Orthop Res 29:1759-1763, 2011., Acute and prolonged effect of static stretching on the passive stiffness of the human gastrocnemius muscle tendon unit in vivo., Ikezoe T, Takeno Y, Ichihashi NT
4. Samukawa, Mina, et al. "The Effects of Dynamic Stretching on Plantar Flexor Muscle-Tendon Tissue Properties." *Manual Therapy*, vol. 16, no. 6, Dec. 2011, pp. 618–622, <https://doi.org/10.1016/j.math.2011.07.003>.
5. Babault, Nicolas, et al. "Acute Effects of 15min Static or Contract-Relax Stretching Modalities on Plantar Flexors Neuromuscular Properties." *Journal of Science and Medicine in Sport*, vol.

13, no. 2, Mar. 2010, pp. 247–252, <https://doi.org/10.1016/j.jsams.2008.12.633>. Accessed 23 Nov. 2020.

Foot Types

1. Reliability of Foot Posture Index individual and total scores for adults and older adults Mariana R.C. Aquinoa, Bruna S. Avelara, Paula L. Silvab, Juliana M. Ocarinoa, Renan A. Resendea, *Musculoskeletal Science and Practice* 36 (2018) 92–95
2. Med Sci Sports Exerc. 2014 Jun 3, Toe Flexor Strength and Foot Arch Height in Children. Morita NI , Yamauchi J, Kurihara T, Fukuoka R, Otsuka M, Okuda T, Ishizawa N, Nakajima T, Nakamichi R, Matsuno S, Kamiie S, Shide N, Kambayashi I, Shinkaiya H
3. Bone Joint J. 2014 Sep, Evertor muscle activity as a predictor of the mid-term outcome following treatment of the idiopathic and non-idiopathic clubfoot. Gelfer Y1, Dunkley M1, Jackson D1, Armstrong J2, Rafter C1, Parnell E1, Eastwood DM1
4. Adult-Acquired Flatfoot Deformity and Age-Related Differences in Foot and Ankle Kinematics During the Single-Limb Heel-Rise Test, Authors: Ruth L. Chimenti, PT, DPT1 2 Joshua Tome, MS2, Cody D. Hillin, MS, MD3, Adolph S. Flemister, MD4, Jeff Houck, PT, PhD5 , *Journal of Orthopaedic & Sports Physical Therapy*, 2014, Volume: 44 Issue: 4 Pages: 283-290 doi:10 .2519/jospt.2014.4939
5. Akeo Waseda, MD Yasunori Suda, MD, Suguru Inokuchi, MD, Yuji Nishiwaki, MD Yoshiaki Toyama, MD Standard growth of the foot arch in childhood and adolescence-Derived from the measurement results of I O, 155 children, *Foot and Ankle Surgery* Volume 20, Issue 3, Pages 208- 214, September 2014
6. Demographic, physical, and radiographic factors associated with functional flatfoot deformity The Journal of Foot & Ankle Surgery, 01/14/2014 Shibuya N, et al.
7. Curr Opin Pediatr. 2014 Feb;26(1):93-100. doi: 10.1097 /MOP.000000000000039., Pediatric flatfoot: cause, epidemiology, assessment, and treatment. Dare DM, Dodwell ER.
8. Foot Ankle Int. 2014 Jul 18. pii: 1071100714543907. Foot Disorders Associated with Overpronated and Oversupinated Foot Function: The Johnston County Osteoarthritis Project. Golightly YM I, Hannan MT2, Dufour AB2, Hillstrom HJ3, Jordan JM4
9. J Am Acad Orthop Surg. 2014 Aug;22(8):512-520. Subtle Cavus Foot: Diagnosis and Management. Deben SE, Pomeroy GC
10. Foot Ankle Int. 2014 Nov 7. pii: 1071100714558846. New Radiographic Parameter Assessing Hindfoot Alignment in Stage II Adult-Acquired Flatfoot Deformity. Williamson ER1, Chan JY1, Burket Koltsov JC1, Deland JT', Ellis SJ2
11. Clinical analysis and baropodometric evaluation in diagnosis of abnormal foot posture: A clinical TRIAL, *Journal of Bodywork & Movement Therapies*, 10/27/2014 Clinical Article, Neto HP, et al.
12. Jasper W.K. Tong, MSc, Pui W. Kong, PhD, Association Between Foot Type and Lower Extremity Injuries: Systematic Literature Review with Meta-analysis, *Journal of Orthopaedic & Sports Physical Therapy*, 2013, Volume: 43 Issue: 10 Pages: 700-714 doi:10.2519/jospt.2013.4225
13. J Am Podiatr Med Assoc 103(5): 369-373, 2013, Prevalence of Flatfoot and Anthropometric Comparison Between Flat and Normal Feet in the Hausa Ethnic Group of Nigeria, Musa B. T. Umar, MBBS, MSc, PhD* and Rabi U. Tafida, BSc*

14. The association between body composition and foot structure and function: a systematic review, *Obesity Reviews*, 10/28/2013 Evidence Based Medicine Review Article, Butterworth PA, et al.
15. *Journal of Orthopaedic & Sports Physical Therapy*, November 2013, Vol. 43, No. 11, pp. 814-820, (doi:10.2519/jospt.2013.4504), The Association of Foot Arch Posture and Prior History of Shoulder or Elbow Surgery in Elite-Level Baseball Pitchers, Luis A. Feigenbaum, PT, DPT, SCS, ATC, LAT, CSCS I, Kathryn E. Roach, PT, PhD2, Lee D. Kaplan, MD3, Bryson Lesniak, MD3, Sean Cunningham, ATC, LAT4
16. Hosl M, Bohm H, et al. Does excessive flatfoot deformity affect function? A comparison between symptomatic and asymptomatic flatfeet using the Oxford Foot Model. *Gait and Posture* 2013.
17. Mulligan EP, Cook PG. Effect of plantar intrinsic muscle training on medial longitudinal arch morphology and dynamic function. *Manual Therapy* 18 (2013) 425e430.
18. Riskowski JL, Dufour AB, et al. Associations of Foot Posture and Function to Lower Extremity Pain: The Framingham Foot Study. *Arthritis Care and Research* 2013.
19. Intrauterine Foot Position of Fetuses, NAKAI TOSHIYUKI (Choritsuoyodosogobyoin) SAKAMOTO TATSUYA (Choritsuoyodosogobyoin) TAKAKURA YOSHINORI (Nara Med. Univ, *Journal of Japanese Paediatric Orthopaedic Association.*) TAMAI SUSUMU (Nara Med. Univ.), VOL.8; NO.2; PAGE. I 53-I 56(1999)
20. Huang CK, Kitaoka HB, An KN, et al. Biomechanical stability of the arch. *Foot Ankle* 1993; 14: 353-7
21. McKenzie J. The foot as a half-dome. *Br Med J* 1955; 1:1068-9

Manual Therapy

1. Manipulative therapy and rehabilitation for recurrent ankle sprain with functional instability: a short-term, assessor-blind, parallel-group randomized trial, *Journal of Manipulative and Physiological Therapeutics*, 11/14/2014 Lubbe D, et al.
2. *Foot Ankle Int.* 2014 Jan 23. Treatment of Naviculo-First Cuneiform Coalition of the Foot. Byun SE, Lee HS, Ahn JY, Seo DK, Seo JH.
3. *J Manipulative Physiol Ther.* 2014 Jun;37(5):320-5. doi: 10.1016/j.jmpt.2014.01.007., Changes in kinetic, kinematic, and temporal parameters of walking in people with limited ankle dorsiflexion: pre-post application of modified mobilization with movement using talus glide taping. Yoon JYI, Hwang YI2, An DH3, Oh JS4.
4. The effects of Mobilization with Movement on dorsiflexion range of motion, dynamic balance, and self-reported function in individuals with chronic ankle instability. *Manual Therapy*, 10/29/2013 Clinical Article, Gilbreath JP, et al
5. Teixeira LM, Pires T, Silva RD, de Resende MA, Immediate Effect of a Single Anteroposterior Talus Mobilization on Dorsiflexion Range of Motion in Participants with Orthopedic Dysfunction of the Ankle and Foot. *J Manipulative Physiol Ther.* 2013 Jul 11. pii: S0161-4754(13)00116-4. doi: 10.1016/j.jmpt.2013.06.003.

6. Manual Physical Therapy and Exercise Versus Supervised Home Exercise in the Management of Patients with Inversion Ankle Sprain: A Multicenter Randomized Clinical Trial, Joshua A. Cleland, Paul E. Mintken, Amy McDevitt, Melanie L. Bieniek, Kristin J. Carpenter, Katherine Kulp, Julie M. Whitman. DOI: 10.2519/jospt.2013.4792
7. Sebastian Truyols-Domi-nguez, Jaime Salom-Moreno, Javier Abian-Vicent, Joshua A. Cleland, Cesar Fernandez-de-las-Penas, Efficacy of Thrust and Nonthrust Manipulation and Exercise with or Without the Addition of Myofascial Therapy for the Management of Acute Inversion Ankle Sprain: A Randomized Clinical Trial, DOI: 10.2519/jospt.2013.4467
8. Loudon JK, Reiman MP, The efficacy of manual joint mobilisation/manipulation in treatment of lateral ankle sprains: a systematic review. Sylvain JBr J Sports Med. 2013 Aug 26. doi: 10.1136/bjsports-2013-092763.
9. Martins DF, Mazzardo-Martins L, Cidral-Filho FJ, Santos AR, Stramosk, Ankle Joint Mobilization Affects Postoperative Pain Through Peripheral and Central Adenosine A₁ Receptors., J.Phys Ther. 2012 Oct 19.
10. James R. Beazell, Terry L. Grindstaff, Lindsay D. Sauer, Eric M. Magrum, Christopher D. Ingersoll, Jay Hertel, Effects of a Proximal or Distal Tibiofibular Joint Manipulation on Ankle Range of Motion and Functional Outcomes in Individuals with Chronic Ankle Instability DOI: 10.2519/jospt.2012.3729
11. Manual therapy Volume 16, Issue 4, Pages 373-377 (August 2011), Hypoalgesic effect of a passive accessory mobilisation technique in patients with lateral ankle pain, Hwee Koon Yeo, Anthony Wright.
12. Initial Changes in Posterior Talar Glide and Dorsiflexion of the Ankle After Mobilization with Movement in Individuals with Recurrent Ankle Sprain, Bill Vicenzino, Michelle Branjerdporn, Pam Tey, Kate Jordan, DOI: 10.2519/jospt.2006.2265

Testing

1. Thales R. Souza Marisa C. Mancini Vanessa L. Araujo Viviane O.C. Carvalhais Juliana M. Ocarino Paula L. Silva Sergio T. Fonseca, Manual Therapy Volume 19, Issue 5, Pages 379-385, October 2014, Clinical measures of hip and foot-ankle mechanics as predictors of rearfoot motion and posture
2. BMC Musculoskelet Disord. 2014 Jul 23;15(1):246. The influence of knee position on ankle dorsiflexion - a biometric study. Baumbach SF, Brumann M, Binder J, Mutschler W, Regauer M, Polzer H.
3. Scand J Med Sci Sports. 2014 Jun 27. doi: 10.1111/sms.12282. Single-leg drop landing motor control strategies following acute ankle sprain injury. Doherty C I, Bleakley C, Hertel J, Caulfield B, Ryan J, Delahunt E.
4. Ankle kinematics and performance on the Y-balance test are associated with inclinometer measurements on the weight-bearing lunge test, Journal of Sport Rehabilitation,01/22/2014 Evidence Based Medicine, Kang MH, et al.
5. Man Ther. 2014 Apr 2. pii: S1356-689X(14)00042-3. doi: 10.1016/j.math.2014.03.008.A simplified version of the weight-bearing ankle lunge test: Description and test-retest reliability. Cejudo A', Sainz de Baranda P2, Ayala F3, Santonja F4.

6. Br J Sports Med. 2013 Jul;47(10):620-8. doi: 10.1136/bjsports-2012-091702. Epub 2012 Dec 6., Diagnostic accuracy of clinical tests for diagnosis of ankle syndesmosis injury: a systematic review., Sman AD, Hiller CE, Refshauge KM.
7. Gait Posture. 2013 Jun 21. pii: S0966-6362(13)00251-8. doi: .1016/j.gaitpost 2013.05.017., Does excessive flatfoot deformity affect function? A comparison between symptomatic and asymptomatic flatfeet using the Oxford Foot Model. Hosl M, Bohm H, Multerer C, Doderlein L.
8. Menz HB et al. Planus foot posture and pronated foot function are associated with foot pain: The Framingham Foot Study, Arthritis Care & Research, 07/18/2013 Clinical Article,
9. Arthritis Care Res (Hoboken). 2013 Jun 5. doi: 10.1002/acr.22049, Associations of foot posture and function to lower extremity pain: The Framingham Foot Study., Riskowski J, Dufour A, Hagedorn T, Hillstrom H, Casey V, Hannan M
10. Menz HB, Dufour AB, Riskowski JL, Hillstrom HJ, Hannan MT, Foot posture, foot function and low back pain: the Framingham Foot Study. Rheumatology (Oxford). 2013 Sep 17.
11. A Quick and Reliable Procedure for Assessing Foot Alignment in Athletes, Journal of the American Podiatric Medical Association, 10/03/2013 Evidence Based Medicine, Mendonca LDM et al.
12. J Am Podiatric Med Assoc 103(5): 369-373, 2013, Prevalence of Flatfoot and Anthropometric Comparison Between Flat and Normal Feet in the Hausa Ethnic Group of Nigeria, Musa B. T. Umar, MBBS, MSc, PhD* and Rabi U. Tafida, BSc *
13. Association Between Foot Type and Lower Extremity Injuries: Systematic Literature Review with Meta-analysis, Jasper W.K. Tong, MSc I ,2, Pui W. Kong, PhDl, Journal of Orthopaedic & Sports Physical Therapy, 2013, Volume: 43 Issue: 10 Pages: 700-714 doi:10.2519/jospt.2013.4225
14. A Quick and Reliable Procedure for Assessing Foot Alignment in Athletes, Journal of the American Podiatric Medical Association, 10/03/2013 Evidence Based Medicine, Mendonca LDM et al.
15. The Spring Ligament Recess of the Talocalcaneonavicular Joint: Depiction on MR Images with Cadaveric and Histologic Correlation, Kapil R. Desail,2,3 Luis S. Beltrani Jenny T. Bencardinol Zehava S. Rosenberg! Catherine Petchprapal, German Steinerl,2 AJR:196, May 2011
16. Variations in Foot Posture and Mobility Between Individuals with Patellofemoral Pain and Those in a Control Group, Journal of the American Podiatric Medical Association, 08/05/2011, McPoil TG et al.
17. New approach to the diagnosis and classification of chronic foot and ankle disorders: Identifying motor control and movement impairments, Manual Therapy, 08/11/2011, Kangas J et al.
18. J. Athl train. 2002 Apr - Jun: 37(2):129132, Differences in Postural Control During Single-Leg Stance Among Healthy Individuals with Different Foot Types, Jay Hertel, Michael R. Gay, and Craig R. Denegar

Barefoot running

1. McCarthy C et al. Barefoot Running and Hip Kinematics: Good News for the Knee? Med Sci Sports Exerc. 2014 Sep 9

2. Perkins, Kyle P., et al. "The Risks and Benefits of Running Barefoot or in Minimalist Shoes." *Sports Health: A Multidisciplinary Approach*, vol. 6, no. 6, 8 Aug. 2014, pp. 475–480, <https://doi.org/10.1177/1941738114546846>. Ann Biomed Eng. 2013 May 3, The Effect of Foot Strike Pattern on Achilles Tendon Load During Running., Almonroeder T, Willson JD, Kernozek TW.
3. *Medicine and Science in Sports and Exercise*, 09/04/2013, Rearfoot Striking Runners Are More Economical than Midfoot Strikers, Ogueta-Alday, Ana; Rodriguez-Marroyo, Jose Antonio; Garcia-Lopez, Juan
4. *J Orthop Trauma*. 2013 Feb 28, Barefoot Sports injury on Hallux: A New Classification by Injury Mechanism., Park DY, Han KJ, Han SH, Cho JH.
5. Cunningham, C. B., Schilling, N., Anders, C. and Carrier, D.R. (2010). The influence of foot posture on the cost of transport in humans. *J. Exp. Biol.* 213, 790-797.
6. *Current Sports Medicine Reports: September/October 2009 - Volume 8 - Issue 5* - pp 262-266 doi: 10.1249/JSR.0b013e3181b9e3be, Foot and Ankle Injuries in the Barefoot Sports, Vormittag, Kara; Calonje, Ronald; Briner, William W.
7. *Br J Sports Med* 2009; 43:159-162 doi:10.1136/bjsm.2008.046680, Is your prescription of distance running shoes evidence-based? CE Richards, P J Magin¹, R Callister.
8. *Orthopedics and Biomechanics: Int. J Sports med* 2005; 26(7): 593-598, mechanical Comparison of barefoot and Sod Running., Divert C et al
9. *Foot Ankle*. 1993 Jul-Aug;14(6):347-52, Protective sensation of the plantar aspect of the foot. Robbins S, Gouw GJ, McClaran J, Waked E.
10. ROBBINS, S. E. and A. M. HANNA, Running-related injury prevention through barefoot adaptation, *Med. Sci. Sports Exerc*, Vol. 19, No. 2, pp. 148-156, 1987.

Gait

1. *Foot Ankle Int.* 2014 Nov 7. pii: 1071100714559540. Sagittal Subtalar and Talocrural Joint Assessment with Weight-Bearing Fluoroscopy During Barefoot Ambulation. McHenry BD¹, Exten EL², Long J³, Law B², Marks RM², Harris G⁴
2. *J Sport Rehabil.* 2014 Oct 30 One Week of Unilateral Ankle Immobilisation Alters Plantarflexion Strength, Balance and Walking Speed: A Pilot Study in Asymptomatic Volunteers. Caplan N¹, Forbes A, Radha S, Stewart S, Ewen A, St Clair Gibson A, Kader D.
3. Lower extremity electromyography measures during walking with ankle destabilization devices, *Journal of Sport Rehabilitation*, 01/22/2014 Review Article, Donovan L, et al
4. *PM R.* 2014 Jul 1. pii: S1934-1482(14)00305-0. doi: 10.1016/j.pmrj.2014.06.014 Gait and Physical Impairments in Patients with Acute Ankle Sprains Who Did Not Receive Physical Therapy. Punt IM, Ziltener JL, Laidet M, Armand S, Allet L⁴
5. *Phys Ther Sport.* 2014 Aug;15(3):156-61. doi: 10.1016/j.ptsp.2013.09.001. Epub 2013 Sep 15. Immediate effect of walking with talus-stabilizing taping on ankle kinematics in subjects with limited ankle dorsiflexion. Kang MH¹, Kim JW², Choung SD³, Park KN⁴, Kwon OY⁵, Oh JS⁶
6. *Foot Ankle Int.* 2014 Sep 4. Finite Element Analysis of Plantar Fascia During Walking: A Quasi-static Simulation. Chen YN¹, Chang CW², Li CT³, Chang CH³, Lin CF⁴.
7. *J Am Podiatr Med Assoc* 103(5): 374-379, 2013, Foot and Ankle Characteristics of Children with an Idiopathic Toe-Walking Gait, Cylie Williams, BASci (Pod), MHSci (Hlth Ed & Prom), PhD*, Paul

- D. Tinley, PhDt, Michael Curtin, BOccThy, MPhil, EdDt and Sharon Nielsen, BAppSc, DipEd, Grad Cert Biom, MPhil
8. J Sports Sci. 2012 Feb 22, Changes in biomechanics and muscle activation in injured ballet dancers during a jump-land task with turnout (Sissonne Fennee)., Lee HH, Lin CW, Wu HW, Wu TC, Lin CF
 9. Arch Phys Med Rehabil. 2012 Mar 20., Contribution of Ankle Dorsiflexor Strength to Walking Endurance in People with Spastic Hemiplegia After Stroke., Ng SS, Hui-Chan cw.
 10. Goryachev, Yulia, et al. "The Effect of Manipulation of the Center of Pressure of the Foot during Gait on the Activation Patterns of the Lower Limb Musculature." *Journal of Electromyography and Kinesiology*, vol. 21, no. 2, Apr. 2011, pp. 333–339, <https://doi.org/10.1016/j.jelekin.2010.11.009>. Accessed 20 Aug. 2020
 11. THE EFFECTS OF WALKING SPEED ON FOREFOOT, HINDFOOT AND ANKLE JOINT MOTION, Dubbeldam R, Buurke JH, Simons C, Groothuis-Oudshoorn CG, Baan H, Nene AV, Hermens HJ, Clinical Biomechanics. 25(8):796-801, 2010 Oct.

Shoes

1. Effects of High-Heeled Shoes and Asymmetrical Load Carrying on Lower-Extremity Kinematics During Walking in Young Women, Soul Lee, MSc* and Jing Xian Li, PhD*, Journal of the American Podiatric Medical Association, 02 /07/2014 Evidence Based Medicine+
2. Int Orthop. 2014 Sep 12. Comparison of plantar-pressure distribution and clinical impact of anatomically shaped sandals, off-the-shelf sandals and normal walking shoes in patients with central metatarsalgia. Schuh R1, Seegmueller J, Wanivenhaus AH, Windhager R, Sabeti-AschrafM.
3. Effect of Shoe Flexibility on Plantar Loading in Children Learning to Walk, Howard J. Hillstrom, PhD*t, Melanie A. Buckland, PT, DPT*, Corinne M. Slevin, PT, DPT, MS*, Jocelyn F. Hafer, MA*, Leon M. Root, MD*, Sherry I. Backus, PT, DPT, MA*, Andrew P. Kraszewski, MS*, Kendrick A. Whitney, DPMt, David M. Scher, MD*, Jinsup Song, DPM, PhDt, James Furmato, DPM, PhDt, Cherri S. Choate, DPMt and Paul R. Scherer, DPMt, Journal of the American Podiatric Medical Association, 07/31/2013
4. Clin Biomech (Bristol, Avon). 2013 Feb 12. pii: S0268-0033(13)00010-7. doi: 10.1016/j.clinbiomech.2013.01.009, Effects of toning shoes on lower extremity gait biomechanics., Horsak B, Baca A.
5. Mika, Anna, et al. "The Influence of High and Low Heeled Shoes on EMG Timing Characteristics of the Lumbar and Hip Extensor Complex during Trunk Forward Flexion and Return Task." *Manual Therapy*, vol. 18, no. 6, Dec. 2013, pp. 506–511, <https://doi.org/10.1016/j.math.2013.03.004>. Accessed 12 Dec. 2020.
6. Gait Posture. 2013 Aug 19. pii: S0966-6362(13)00440-2. doi: 10.1016/j.gaitpost.2013.07.116., Effects of shoe sole hardness on plantar pressure and comfort in older people with forefoot pain., Lane TJ, Landorf KB, Bonanno DR, Raspovic A, Menz HB.
7. The effects of commercially available footwear on foot pain and disability in people with gout: a pilot study, BMC Musculoskeletal Disorders, 09/25/2013 Clinical Article, Rome Ket al.

8. Spine (Phila Pa 1976). 2013 Oct 15;38(22):1905-1912., Effectiveness of Rocker Sole Shoes in the Management of Chronic Low Back Pain: A Randomized Clinical Trial., Macrae CS, Lewis JS, Shortland AP, Morrissey MC, Critchley D.
9. Foster A, Blanchette MG, Chou YC, Powers CM. The influence of heel height on frontal plane ankle biomechanics: implications for lateral ankle sprains Foot Ankle Int. 2012 Jan;33(1):64-9.
10. Gait Posture. 2012 Apr 18, The influence of heel height on patellofemoral joint kinetics during walking. Ho KY, Blanchette MG, Powers CM.

Orthotics

1. Pressure Pain Sensitivity Changes After Use of Shock-Absorbing Insoles Among Young Soccer Players Training on Artificial Turf: A Randomized Controlled Trial, Authors: Pascal Madeleine, PhD, DSc I , Brian P. Hoej, MSc1, Cesar Fernandez-de-las-Penas, PT, DScI ,2, Michael S. Rathleff, PT, PhD3, Søren Kaalund, MD4,5 Journal of Orthopaedic & Sports Physical Therapy, 2014, Volume: 44 Issue: 8 Pages: 587-594 doi:10.2519/jospt.2014.5117PDFPDF Plus
2. Journal of Sports Rehabilitation in Press, The Effectiveness of Foot Orthotics on Improving Postural Control in Individuals with Chronic Ankle Instability: A Critically Appraised Topic, Michael L. Gabriner1, Brittany A. Braun1, Megan N. Houston2, and Matthew C. Hoch2 J Rheumatol. 2014 Jul 15. pii: jrheum.131089. Comparison of Lifts Versus Tape Measure in Determining Leg Length Discrepancy. Badii M, Wade AN, Collins DR, Nicolaou S, Kobza BJ, Kopec JA.
3. Arch Phys Med Rehabil. 2014 Jul 4. pii: S0003-9993(14)00471-7. doi: 10.1016/j.apmr.2014.06.014. Immediate efficacy of laterally-wedged insoles with arch support on walking in persons with bilateral medial knee osteoarthritis. Yeh HC1, Chen LP, Hsu WC3, Lu TW4, Hsieh LP, Chen HL6.
4. The Effectiveness of Foot Orthotics on Improving Postural Control in Individuals with Chronic Ankle Instability: A Critically Appraised Topic, Journal of Sport Rehabilitation, 08/13/2013, Michael L. Gabriner I, Brittany A., Braun I, Megan N. Houston2, and Matthew C. Hoch2
5. Shoe Orthotics for the Treatment of Chronic Low Back Pain: A Randomized Controlled Pilot Study, Journal of Manipulative and Physiological Therapeutics, 06/10/2011, Cambron JA et al
6. Application of wedged foot orthosis effectively reduces pain in runners with pronated foot: a randomized clinical study, Clinical Rehabilitation, 07/27/2011, Shih YF et al.
7. J Back Musculoskelet Rehabil. 2011 Jan 1;24(4):225-31., Effect of foot orthoses and short-foot exercise on the cross-sectional area of the abductor hallucis muscle in subjects with pes planus: a randomized controlled trial., Jung DY, Koh EK, Kwon OY.

Foot and Ankle pain

1. Curr Sports Med Rep. 2014 Nov-Dec;13(6):370-6. doi: 10.1249/JSR.0000000000000099., Diagnostic considerations of lateral column foot pain in athletes. Traister E1, Simons S.

2. Arthritis Care Res (Hoboken). 2014 Jan 27. doi: 10.1002/acr.22292. The relationship between mental health and foot pain. Butterworth PA I, Urquhart DM, Cicuttini FM, Menz HB, Strauss BJ, Proietto J, Dixon JB, Jones G, Wluka AE.
3. BMC Musculoskelet Disord. 2014 Jun 5;15(1):196. doi: 10.1186/1471-2474-15-196. Prevalence and risk factors for foot and ankle musculoskeletal disorders experienced by nurses. Reed LF1, Battistutta D, Young J, Newman B.
4. Br J Sports Med. 2012 Jul 19. Factors associated with patellofemoral pain syndrome: a systematic review. Lankhorst NE, Bierma-Zeinstra SM, van Middelkoop M.
5. Arch Orthop Trauma Surg. 2012 Aug 17. Clinical and MRI results after microfracture of osteochondral lesions of the talus. Kuni B, Schmitt H, Chloridis D, Ludwig K.
6. Thomas MJ et al., The population prevalence of foot and ankle pain in middle and old age: A systematic review Pain, 10/28/2011
7. Factors associated with foot pain severity and foot-related disability in individuals with first metatarsophalangeal joint OA, Rheumatology, 11/21/2011, Munteanu SE et al.
8. Manual Therapy Volume 16, Issue 6, Pages 522-530, December 2011, New approach to the diagnosis and classification of chronic foot and ankle disorders: Identifying motor control and movement impairments, Jukka Kangas Wim Dankaerts, Filip Staes
9. Journal of the American Podiatric Medical Association, Volume 101 Number 3 215 -222 2011, Patellofemoral Pain Syndrome and Its Association with Hip, Ankle, and Foot Function in 16- to 18-Year-Old High School Students, Carsten Mølgaard, MHSc, PT*, Michael Skovdal Rathleff, BSc, PT and Ole Simonsen, MD.
10. Patterson SM. Cuboid Syndrome: A Review of the Literature. Journal of Sports Science and Medicine 2006; 5:597-606.

Compartment Syndrome

1. Medial tibial stress syndrome can be diagnosed reliably using history and physical examination. Winters M1, Bakker EWP2, Moen MH3,4,5, Barten CC6, Teeuwen R7, Weir A8,9. Br J Sports Med. 2018 Oct;52(19):1267-1272. doi: 10.1136/bjsports-2016-097037. Epub 2017 Feb 8.
2. J Orthop Trauma. 2014 Nov;28(11):e263-8. doi: 10.1097/BOT.000000000000097. The Severity of Microvascular Dysfunction Due to Compartment Syndrome Is Diminished by the Systemic Application of CO-Releasing Molecule-3. Lawendy AR1, Bihari A, Sanders DW, Potter RF, Cepinskas G
3. Ringler, Michael, Litwiller, Daniel Felmlee, Joel Shahid, Kameron Finnoff, Johathan Carter, Rickey Amrami, Kimberly. MRI accurately detects chronic exertional compartment syndrome: a validation study Skeletal Radiology 2013; 42:385-392
4. J Orthop Surg Res. 2013 Apr 5;8(1):6. Changes in leg pain after bilateral fasciotomy to treat chronic compartment syndrome: a case series study. Orlin JR, Oen J, Andersen JR.
5. Diebal AR; Gregory R; Alitz C; Gerber JP Forefoot running improves pain and disability associate with chronic exertional compartment syndrome. Am J Sports Med. 2012; 40(5):1060-7

6. Diebal AR, Gregory, R, Alitz, C, Gerber, P. Effects of forefoot running on chronic exertional compartment syndrome: A case series. IJSPT; 2011; V6;4 312
7. Pearse, Michael F., Lorraine, Harry, Nanchahal, Jagdeep Acute compartment syndrome of the leg: Fasciotomies must be performed early, but good surgical technique is important. BMJ. 2002 September 14; 325 (7364): 557-558
8. Winkes MB, Hooegeveen AR, Scheltinga MR. Is Surgery effective for deep posterior compartment syndrome of the leg? A systematic review. Br J Sports Med Published Online First: 09-24-2013 doi; 10.1136/bjsports-2013-092518
9. Diebal, A, Gregory, R, Alitz, C, Gerber, P Effects of forefoot running on chronic exertional compartment syndrome: A case series. IJSPT, 2011 pg 312
10. Tucker, Alicia K. Chronic exertional compartment syndrome of the leg. Curr Rev Musculoskeletal Med. 2010 October; 3(1-4): 32-37
11. Anuar K GP. Systematic Review of the Management of Chronic Compartment Syndrome in the lower leg. Physiotherapy Singapore 2006; 9:2-15
12. Raikin S, Venkat R, Vitano P. Bilateral simultaneous fasciotomy for chronic exertional compartment syndrome. Foot Ankle Int. 2005; 26:1007-1011
13. Shah S, Miller B, Kugn J. Chronic exertional compartment syndrome. Am J Orthop. 2004; 33 (7): 335-341.
14. Brennan F, Kane, S. Diagnosis, treatment options, and rehabilitation of chronic lower leg exertional compartment syndrome Current Sports Medicine Reports (2003) 2:247-25.0
15. Lauder TD, Stuart MJ, Alami KK, Felmlee JP: Exertional compartment syndrome and the role of magnetic resonance imaging. Am J Phys Med Rehabil 2002, 81:315-319
16. Boutin RD: Imaging of sports-related muscle injuries. Radiol Clin North Am 2002, 40:333-362
17. Slimmon, D. Bennell, K., Brukner, P., Crossley, K., Bell, S. Long-Term Outcome of Fasciotomy with Partial Fasciectomy for Chronic Exertional Compartment Syndrome of the Lower Leg Am J Sports Med July 2002 30 581-588
18. Pedowitz RA, Hargens AR: Acute and chronic compartment syndromes. In Principles and practice of orthopaedic Sports Medicine. Edited by Garret WE, SpeerKP, Kirkendall DT. Philadelphia: Lippincott Williams & Wilkins: 2001: 87-97.
19. García-Mata, S, et al. "Chronic Exertional Compartment Syndrome of the Legs in Adolescents." Journal of Pediatric Orthopedics, vol. 21, no. 3, 2001, pp. 328–34, pubmed.ncbi.nlm.nih.gov/11371815/.
20. Howard JL Evaluation of outcomes in patients following surgical treatment of chronic exertional compartment syndrome in the leg. Clinical Journal of Sports Medicine, 2000 10:176-184
21. Blackman PG. A review of chronic exertional compartment syndrome. Med Sci Sports Exerc. 2000; 32:4-10 doi: 10.1097/00005768-200003001-00002
22. Howard, James, Mohtadi, Nicholas, Wiley, Preston. Evaluation of Outcomes in Patients following surgical treatment of chronic exertional compartment syndrome in the leg. Clinical Journal of Sports Medicine, 2000: 10:176-184

23. Binkley, JM, Stratford, PW., Lott, S, Riddle, DL. The Lower Extremity Functional Scale (LEFS): scale development, measurement properties, and clinical application. North American Orthopaedic Rehabilitation Research Network. Physical Therapy 1999 Apr, 79(4): 371-383
24. Touliopolous S, Hershman EB: Lower leg pain: diagnosis and treatment of compartment syndromes and other pain syndromes of the leg. Sports Med 1999;27:328-334
25. Blackman, PG, Simmons, L. Crossley, K. Treatment of Chronic Exertional Anterior Compartment Syndrome with Massage: A Pilot Study. Clinical Journal of Sports Medicine: 1998 8:14-17
26. Barnes M. Diagnosis and management of chronic compartment syndromes: a review of the literature. Br J Sports Med. 1997;31(1): 21-27 doi: 10.1136/bjsm.31.1.21
27. Mannarino F, Sexson S: The significance of intracompartmental pressures in the diagnosis of chronic exertional compartment syndrome. Orthopedics 1989; 12:1415-1418
28. Fronek J, Murbarak SJ, Hargens AR, Lee, Gershuni DH, Garfin SR, Akeson WH. Management of chronic exertional anterior compartment syndrome of the lower extremity. Clin Orthop Rel Res 1987; 220:217-227
29. Jones DC, James SL: Overuse injuries of the lower extremity: Shin splints, iliotibial band friction syndrome, and exertional compartment syndromes. Clin Sports Med 1987;6 273- 290.
30. Styf JR, Korner LM, Chronic anterior-compartment syndrome of the leg: Results of treatment by fasciotomy. J Bone Joint Surg 1986;68-A:1338-1347
31. Rorabeck CH. Exertional tibialis posterior compartment syndrome. Clin Orthop Rel Res 1986; 208: 61-64
32. Bell S Repeat compartment decompression with partial fasciotomy. J Bone Joint Surg 1986;68-B:815-817
33. Detmer DE, Sharpe K, Sufit RL, Girdley FM. Chronic compartment syndrome; diagnosis, management, and outcomes. Am J Sports Med. 1985; 13:162-170
34. Detmer DE, Sharpe K, Sufit RL, Girdley FM. Chronic compartment syndromes; diagnosis, management and outcomes. Am J Sports Med 1985;13:162-170
35. Martens MA, Backaert M, Vermaut G, Miller JC. Chronic leg pain in athletes due to a recurrent compartment syndrome. Am J Sports Med 1984; 12:148-151
36. Davey JR, Rorabeck CH, Fowler PJ. The tibialis posterior muscle compartment: an unrecognized cause of exertional compartment syndrome. Am J Sports Med 1984; 12:391-396).
37. Murbarak SJ, Hargens AR, Definition and terminology. In: Compartment Syndromes and Volkmann's contractures. Murbarak SJ, Hargens AR, eds. Philadelphia: W.B. Saunders Company, 1981: 1-4