

FMUT Bibliography

CRANIUM

1. Mucha A¹, Trbovich A² Considerations for Diagnosis and Management of Concussion. *J Orthop Sports Phys Ther.* 2019 Oct 9:1-33. doi: 10.2519/jospt.2019.8855.
2. Catherine C. Quatman-Yates, Pt, Dpt, Phd • Airelle Hunter-Giordano, Pt, Dpt Kathy K. Shimamura, Pt, Dpt, Ncs, Ocs, Cscs, Faaompt • Rob Landel, Pt, Dpt, Fapta Bara A. Alsalaheen, Pt, Phd • Timothy A. Hanke, Pt, Phd • Karen L. McCulloch, Pt, Phd, Fapta, Physical Therapy Evaluation and Treatment After Concussion/Mild Traumatic Brain Injury Clinical Practice Guidelines Linked to the International Classification of Functioning, Disability and Health From the Academy of Orthopaedic Physical Therapy of the American Physical Therapy Association, *J Orthop Sports Phys Ther.* 2020;50(4):CPG1-CPG73. doi:10.2519/jospt.2020.0301. For
3. Cancelliere C^{1,2}, Mohammed RJ³ Brain Drain: Psychosocial Factors Influence Recovery Following Mild Traumatic Brain Injury: 3 Recommendations for Clinicians Assessing Psychosocial Factors. *J Orthop Sports Phys Ther.* 2019 Jun 1:1-10. doi: 10.2519/jospt.2019.8849
4. Büttner F¹, Howell DR^{2,3,4}, Ardern CL^{5,6}, Doherty C^{7,8}, Blake C⁷, Ryan J⁹, Catena R¹⁰, Chou LS¹¹, Fino P¹², Rochefort C¹³, Sveistrup H^{13,14}, Parker T¹⁵, Delahunt E; Concussed athletes walk slower than non-concussed athletes during cognitive-motor dual-task assessments but not during single-task assessments 2 months after sports concussion: a systematic review and meta-analysis using individual participant data. *Br J Sports Med.* 2020 Jan;54(2):94-101. doi: 10.1136/bjsports-2018-100164. Epub 2019 Jul 22.
5. Dias RCA¹, Kulak Junior J¹, Ferreira da Costa EH², Nisihara RM¹ Fibromyalgia, sleep disturbance and menopause: Is there a relationship? A literature review. *Int J Rheum Dis.* 2019 Oct 14. doi: 10.1111/1756-185X.13713.
6. Harry von Piekartz^{a,*}, Charlotte Rösner^a, Angelina Batz^a, Toby Hall^b, Nicolaus Ballenberger^a, Bruxism, temporomandibular dysfunction and cervical impairments in females – Results from an observational study, February 2020 Volume 45, 102073
DOI: <https://doi.org/10.1016/j.msksp.2019.102073>
7. Delgado de la Serna P¹, Plaza-Manzano G^{2,3}, Cleland J^{4,5,6}, Fernández-de-Las-Peñas C^{7,8}, Martín-Casas P², Díaz-Arribas MJ² Effects of Cervico-Mandibular Manual Therapy in Patients with Temporomandibular Pain Disorders and Associated Somatic Tinnitus: A Randomized Clinical Trial. *Pain Med.* 2019 Oct 29. pii: pnz278. doi: 10.1093/pm/pnz278.
8. Treleaven, Julia, PhD, BPhy; Dizziness, Unsteadiness, Visual Disturbances, and Sensorimotor Control in Traumatic Neck Pain. *J Orthop Sports Phys Ther* 2017;47(7):492–502. Epub 16 Jun 2017. doi:10.2519/jospt.2017.7052
9. Butts R., Dunning J., Perreault T., Mettelle J. (2017). Pathoanatomical characteristics of temporomandibular dysfunction: Where do we stand Parts 1 & 2, *J Bodyw Mov Ther.* 2017 Jul;21(3):534-540. doi: 10.1016/j.jbmt.2017.05.017. Epub 2017 May 31.
10. William Johnston, Bryan Heiderscheit, Jennifer Sanfilippo M. Alison Brooks, Brian Caulfield, Athletes with a concussion history in the last two years have impairments in dynamic balance performance, *Scand J Med Sci Sports.* 2020;00:1–9.
11. Abenavoli, A, Badi, F, Barbieri, M, Bianchi, M, Biglione, G, Dealessi, C, Grandini, M, Lavazza, C, Mapelli, L, Milano, V, Monti, L, Seppia, S, Tresoldi, M, Maggiani, A, Cranial Osteopathic Treatment And Stress-Related Effects On Autonomic Nervous

[Type here]

System Measured By Salivary Markers: A Pilot Study., *Journal Of Bodywork & Movement Therapies*, [Ps://Doi.Org/10.1016/J.Jbmt.2020.07.017](https://doi.org/10.1016/J.Jbmt.2020.07.017).

12. van der Meer, H.A., Calixtre, L.B., Engelbert, R.H.H., Visscher, C.M., Nijhuis –van der Sanden, M.W., Speksnijder, C.M., Effects of physical therapy for temporomandibular disorders on headache pain intensity: a systematic review, *Musculoskeletal Science and Practice*, [https:// doi.org/10.1016/j.msksp.2020.102277](https://doi.org/10.1016/j.msksp.2020.102277)
13. de Oliveira-Souza, A.I.S., de O. Ferro, J.K., , Barros, M.M.M.B, Oliveira, D.A.d., Cervical musculoskeletal disorders in patients with temporomandibular dysfunction: A systematic review and meta-analysis *Journal of Bodywork & Movement Therapies*, <https://doi.org/10.1016/ j.jbmt.2020.05.001>.

CERVICAL SPINE

1. Emmanuel Yung, Cheongeun Oh, Michael Wong, Jason K. Grimes, Erica Mae Barton, Muhammad I. Ali & Allison Breakey (2020) Non-thrust cervical manipulations reduce short-term pain and decrease systolic blood pressure during intervention in mechanical neck pain: a randomized clinical trial, *Journal of Manual & Manipulative Therapy*, 28:2, 82-93, DOI: 10.1080/10669817.2019.1646985
2. Ana Izabela S. de Oliveira-Souza *, Josepha Karinne de O. Ferro , Manuella M.M.B. Barros , Daniella A. de Oliveira, Cervical musculoskeletal disorders in patients with temporomandibular dysfunction: A systematic review and metaanalysis, *Journal of Bodywork & Movement Therapies* 24 (2020) 84e101.
3. Lohman EB¹, Pacheco GR¹, Gharibvand L², Daher N², Devore K², Bains G², AlAmeri M¹, Berk LS^{2,3}. The immediate effects of cervical spine manipulation on pain and biochemical markers in females with acute non-specific mechanical neck pain: a randomized clinical trial. *J Man Manip Ther*. 2019 Sep;27(4):186-196. doi: 10.1080/10669817.2018.1553696. Epub 2018 Dec 11.
4. Gómez-Mayordomo V¹, Palacios-Ceña M², Guerrero-Peral Á^{3,4}, Fuensalida-Novo S², Fernández-de-Las-Peñas C², Cuadrado ML Widespread Hyperesensitivity to Pressure Pain in Men with Cluster Headache during Prolonged Remission is not Related to the Levels of Depression and Anxiety. *Pain Pract*. 2019 Sep 20. doi: 10.1111/papr.12839
5. Yang X¹, Bartels RHMA², Donk R³, Arts MP⁴, Goedmakers CMW⁵, Vleggeert-Lankamp CLA⁵. The association of cervical sagittal alignment with adjacent segment degeneration. *Eur Spine J*. 2019 Oct 12. doi: 10.1007/s00586-019-06157-0.
6. Reynolds B¹, Puentedura EJ², Kolber MJ³, Cleland JA⁴Effectiveness of Cervical Spine High Velocity Low Amplitude Thrust Added to Behavioral Education, Soft Tissue Mobilization, and Exercise in Individuals With Temporomandibular Disorder (TMD) With Myalgia: A Randomized Clinical Trial. *J Orthop Sports Phys Ther*. 2020 Jan 6:1-40. doi: 10.2519/jospt.2020.9175.
7. JanPool^aFrancoisMaissan^{ab}Nannade Waele^cHarrietWittink^aRaymondOstelo^{bd} Completeness of the description of manipulation and mobilisation techniques in randomized controlled trials in neck pain; A review using the TiDieR checklist <https://doi.org/10.1016/j.msksp.2019.102098> Volume 45, February 2020, 102098
8. Elmaazi A¹, Morse Cl², Lewis S¹, Qureshi S³, McEwan I¹The acute response of the nucleus pulposus of the cervical intervertebral disc to three supine postures in an asymptomatic population. *Musculoskelet Sci Pract*. 2019 Jul 5;44:102038. doi: 10.1016/j.msksp.2019.07.002
9. Johannes Blomgren¹, Erika Strandell¹, Gwendolen Jull^{1,2}, Irene Vikman¹ and Ulrik Röijezon¹. Blomgren et al. Effects of deep cervical flexor training on impaired physiological functions

[Type here]

associated with chronic neck pain: a systematic review. *BMC Musculoskeletal Disorders* (2018) 19:415 <https://doi.org/10.1186/s12891-018-2324-z>

10. Maria L. Ludvigsson, MSc, PT; Gunnel Peterson, MSc, PT; Shaun O'Leary, PhD, PT, y 8 A °sa Dederling, PhD, PT, and Anneli Peolsson, PhD, PT; The Effect of Neck-specific Exercise With, or Without a Behavioral Approach, on Pain, Disability, and Self-Efficacy in Chronic Whiplash-associated Disorders A Randomized Clinical Trial. *Clin J Pain* Volume 31, Number 4, April 2015
11. Thavatchai Suvarnnato; Rungthip Puntumetakul; Sureeporn Uthaikhup; Rose Boucaut; Effect of specific deep cervical muscle exercises on functional disability, pain intensity, craniovertebral angle, and neck-muscle strength in chronic mechanical neck pain: a randomized controlled trial. *Journal of Pain Research* 2019;12 915–925
12. Thomas L. (2016). Cervical dissection: An overview and implications for manual therapists, *Man Ther.* 2016 Feb;21:2-9. doi: 10.1016/j.math.2015.07.008. Epub 2015 Jul 29.
13. Heneghan M, Rushton M. (2016). Understanding why the thoracic region is the Cinderella region of the spine, *Man Ther.* 2016 Feb;21:274-6. doi: 10.1016/j.math.2015.06.010. Epub 2015 Jul 9.
14. Greenbaum R., Dvir Z., Reiter S., Winocur E., (2017) Cervico flexion rotation test and physiological range of motion – Comparative study of patients with myogenic TMJ disorders vs. healthy subjects, *Musculoskelet Sci Pract.* 2017 Feb;27:7-13. doi: 10.1016/j.msksp.2016.11.010. Epub 2016 Dec 11.
15. Abdulwahab S, Sabbahi M. Neck retractions, cervical root decompression, and radicular pain. *J Orthop Sports Phys Ther.* 2000;31:4-12.
16. Allen, S. " PT Management of Cervical Instability." *JMMT.* Spring 1999: 8- 12.
17. John K. Houten, MD, and Louis A. Noce, MD Hoffmann Sign: Red Flag for Cervical Myelopathy Clinical Correlations of Cervical Myelopathy and the Hoffman Sign. *Journal of Neurosurgery: Spine.* September 2008. Vol. 9. No. 3. Pp. 237-242.
18. Allia P, Gorniak G. "Human Ligamentum Nuchae in the Elderly: Its Function in the Cervical Spine." *J Manual and Manipulative Ther.* 2006;14:11-21.
19. Beazell JR. Dysfunction of the longus colli and its relationship to cervical pain and dysfunction: a clinical case presentation. *J Manual and Manipulative Ther.* 1998;6:12-16.
20. Boyd-Clark LC, Briggs CA, and Galea MP. Muscle Spindle Distribution, Morphology, and Density in Longus Colli and Multifidus Muscles of the Cervical Spine. *Spine* 2002;27:694-701.
21. Laura M. Finucane, Msc, Bsc, Fcsp, Fmacp1 • Aron Downie, Mphil, Bsc, Mchiro, Christopher Mercer, Msc, Grad Dip Phys, Pg Cert (Clin Ed), Fcsp, Fmacp4 • Susan M. Greenhalgh, Phd, Ma, Phys Fcsp5, William G. Boissonault, Pt, Dpt, Dhsc7 • Annelies L. Pool-Goudzwaard, Pt, Phd, Mt, Msc Psych8 Jason M. Beneciuk, Pt, Dpt, Phd, Mph9,10 • Rachel L. Leech, Msc, Bsc6 • James Selfe, Dsc, Phd, Ma, Grad Dip Phys, Fcsp6, International Framework For Red Flags For Potential Serious Spinal Pathologies *J Orthop Sports Phys Ther* 2020;50(7):Xxx-Xxx. Epub 21 May 2020. Doi:10.2519/Jospt.2020.9971
- 22.

23. Childs, J., Flynn, T., Fritz, J., Piva, S., Whitman, J., Wainner, R., Greenman, "Screening for Vertebrobasilar Insufficiency in Patients with Neck Pain: Manual therapy Decision-Making in the Presence of Uncertainty." *JOSPT*. Vol. 35(5); May 2005:300-306.
24. Childs, M., Fritz, J., Piva, S., Whitman, J. "Proposal of a Classification System for Patients With Neck Pain." *JOSPT*. Vol. 34(11); Nov. 2004: 686- 700.
25. Cleland J.A., Childs J.D., Fritz J.M., Whitman J.M., Eberhart S.L. "Development of a Clinical Prediction Rule for Guiding Treatment of a Subgroup of Patients with Neck Pain: Use of Thoracic Spine Manipulation, Exercise, and Patient Education." *Phys Ther*. 2007;87:9-22.
26. Wallis, B.J.; Lord, S.M.; and Bodguk, N. Reply to Kendall et al., *Pain*, 73 (1997) 15-22. Resolution to Psychological Distress of Whiplash Patients Following Treatment by Radiofrequency Neurotomy: A Randomized, Double-Blind, Placebo-Controlled Trial. *Pain* 1999; 81:323-325.

THORACIC SPINE

1. Meadows J¹, Denninger T², Peterson S^{3,4}, Milligan L⁵, Zapanta J⁶. Short-term Response to Treatment Targeting the Thoracolumbar Junction in Patients with Hip Pain: A Case Series. *J Orthop Sports Phys Ther*. 2019 Jul 10:1-11. doi: 10.2519/jospt.2019.8309.
2. Fisher LR^{1,2}, Alvar BA³, Maher SF⁴, Cleland JA⁵. Short-term Effects of Thoracic Spine Thrust Manipulation, Exercise, and Education in Individuals With Low Back Pain: A Randomized Controlled Trial. *J Orthop Sports Phys Ther*. 2019 Dec 6:1-43. doi: 10.2519/jospt.2020.8928.
27. Page S., Descarreaux M., Sobczak S. (2017). Development of a new palpation method using alternative landmarks for the determination of thoracic transverse processes, *MSP*, 27, 142-149
28. Cleland JA, Glynn P, Whitman JM, Eberhart SL, MacDonald C, Childs JD. Short-term effects of thrust versus nonthrust mobilization/manipulation directed at the thoracic spine in patients with neck pain: a randomized clinical trial. *Phys Ther*. 2007;87:431-440.
29. Falla D, Jull G, Russell T, Vicenzino B, Hodges P. Effect of neck exercises on sitting posture in patients with chronic neck pain. *Phys Ther*. 2007;87:408- 417.
30. Falla D, O'leary S, Fagan A, Jull G. Recruitment of the Deep Cervical Flexor Muscles during a Postural-Correction exercise performed in Sitting. *Manual Therapy*. 2007;12:139-143.
3. Abdulwahab S, Sabbahi M. Neck retractions, cervical root decompression, and radicular pain. *J Orthop Sports Phys Ther*. 2000;31:4-12.
31. Terada M, Kosik K, McCann R, Gribble P (2016). Diaphragm contractility in Individuals with chronic ankle instability, *Medicine and science in sports and exercise*, 05
32. Wong K., Chen Y., Wang C., Shau Y., Wang S. (2017). Mechanical deformation of the posterior thoracolumbar fascia after myofascial release in healthy men: A study of dynamic ultrasound imaging. *Musculoskeletal Science and Practice*, 27, 124 – 130.
33. Stecco, A., Stern, R., Fantoni, I., De Caro, R., & Stecco, C. (2016). Fascial disorders: Implications for treatment. *PM&R*, 8(2), 161-168.

NEURAL MOBILIZATION

1. Annalie Basson, PhD; Benita Oliver, PhD; Richard Ellis, PhD; Michel Coppieters, PhD; Aimee Steward, PhD; Witness Mudzi, PhD; The Effectiveness of Neural Mobilization for Neuromusculoskeletal Conditions: A Systematic Review and Meta-analysis. *Journal of Orthopaedic & Sports Physical Therapy*, Volume 47, Number 9, September 2017

[Type here]

2. Garcia Al. Manzano G., Vaca A. (2017). Effectiveness of a treatment involving STM/or neuromobilization in the treatment of tension type headache, *Arch Phys Med Rehabil.* 2017 Feb;98(2):211-219.e2. doi: 10.1016/j.apmr.2016.08.466. Epub 2016 Sep 10.

SUPPORTIVE ARTICLES

1. Sueki D., Cleland J., Wainner R. (2016). A regional interdependence model of musculoskeletal dysfunction: research, mechanisms and clinical implications, *JMMT*, 21, 89 – 102.
2. Hodges PW, Pain and motor control: From the laboratory to rehabilitation. *J Electromyogr Kinesiol.* 2011 Apr;21(2):220-8. doi: 10.1016/j.jelekin.2011.01.002.