

Workshop OsEAN Open Forum, 29th September 2022, 16:15 -18:00

Vascular pathologies of the neck that may present as head and neck pain – promoting clinical reasoning and best practice: a practical workshop

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Background:

Vascular pathologies of the head and neck are rare but may in some cases mimic musculoskeletal pain and dysfunction. There is a known association between patients seeking care for neck pain and headache and the natural history and progression of vascular pathologies of the neck. There is a long history linking manual therapy interventions and neurovascular patient safety incidents with therapeutic interventions, but the association is similar in magnitude associated with primary care visits (Cassidy et al., 2008, 2017). Clinicians, educators and students face considerable uncertainty in screening and differential diagnosis in this area of practice. An international framework for the examination of the cervical region for potential vascular pathologies has been developed by a multi-disciplinary team in order to support clinical reasoning (Rushton et al., 2020).

Aim:

The aim of this workshop is to explore clinical reasoning and examination approaches that may support teaching and learning in this challenging area of clinical practice.

Methods:

The workshop will be practical and experiential drawing on clinical vignettes, examination approaches and communication skills to share current practice and explore approaches to teaching this area of practice.

Cassidy, J. D., Boyle, E., Côté, P., He, Y., Hogg-Johnson, S., Silver, F. L., & Bondy, S. J. (2008). Risk of Vertebrobasilar Stroke and Chiropractic Care. Results of a Population-Based Case-Control and Case-Crossover Study. *Spine*, 33(4S), 176–183. <https://doi.org/10.1016/j.jmpt.2008.11.020>

Cassidy, J. D., Boyle, E., Cote, P., Hogg-Johnson, S., Bondy, S. J., & Haldeman, S. (2017). Risk of Carotid Stroke after Chiropractic Care: A Population-Based Case-Crossover Study. *Journal of Stroke and Cerebrovascular Diseases*, 26(4), 842–850. <https://doi.org/10.1016/j.jstrokecerebrovasdis.2016.10.031>

Rushton, A., Carlesso, L., Flynn, T., Hing, W., Kerry, R., Rubinstein, S., & Vogel, S. (2020). International Framework for Examination of the Cervical Region for potential of vascular pathologies of the neck prior to Orthopaedic Manual Therapy (OMT) Intervention: International IFOMPT Cervical Framework. In *IFOMPT framework*. [https://www.ifompt.org/site/ifompt/IFOMPT Cervical Framework final September 2020.pdf](https://www.ifompt.org/site/ifompt/IFOMPT%20Cervical%20Framework%20final%20September%202020.pdf)