

Carolyn Ann Emery PT PhD

List of Publications

Peer reviewed manuscripts (Trainees underlined)

1. Shepherd HA, Kolstad AT, Caron JG, Reed N, Yeates KO, Schneider KJ, Black AM, Emery CA. Unravelling the web: Experiences of adolescents returning to school following a concussion. *Neuropsychological Rehabilitation* July 2023 doi:10.1080/09602011.2023.2236776
2. Schneider KJ, Patricios JS, Meeuwisse W, Schneider GM, Hayden KA, Premji Z, Ahmed OH, Blauwet C, Broglio S, Cantu RC, Davis GA, Dvorak J, Echemendia RJ, Emery CA, Iverson GL, Leddy JL, Makdissi M, McCrea M, McNamee M, Putukian M, Yeates KO, Black AM, Burma JS, Critchley M, Eliason PH, Räsänen AM, Tabor JB, Toomey C, Ronksley PE, Cassidy JD. Amsterdam 2022 process: A summary of the methodology for the Amsterdam International Consensus on Concussion in Sport. *Br J Sport Med* 2023;57:712-721 doi:10.1136/bjsports-2022-106663
3. Emery CA. Injury Prevention Research to Reduce Youth-Sport Related Injuries. *Open Access Government* July 2023, pp,40-41 doi:10.56367/OAG-039-10903
4. Eliason P, Galarneau JM, Shill I, Kolstad A, Babul S, Mrazik M, Lebrun C, Dukelow Sean, Schneider K, Hagel B, Emery CA. Factors Associated With Concussion Rates in Youth Ice Hockey Players: Data From the Largest Longitudinal Cohort Study in Canadian Youth Ice Hockey. *Clin J Sport Med* July 2023 doi:10.1097/JSM.0000000000001177
5. Miutz L, Burma J, Van Roessel R, Johnson N, Phillips A, Emery CA, Brassard P, Smirl J. The Effect of Supine Cycling and Progressive Lower Body Negative Pressure on Cerebral Blood Velocity Responses. *Journal of Applied Physiology* 2023;135(2):316-325 doi:10.1152/jappphysiol.00758.2022
6. Le CY, Galarneau JM, Filbay SR, Emery CA, Manns PJ, Whittaker JL. Youth with a sport-related knee injury exhibit significant and persistent knee-related quality of life deficits at 12-month follow-up compared to uninjured peers. *Journal of Orthopaedic and Sports Physical Therapy* June 2023 doi:10.2519/jospt.2023.11611
7. Eliason P, Galarneau JM, Kolstad AT, Pankow MP, West SW, Bailey S, Miuttz L, Black AM, Broglio SP, Gavin GA, Hagel BH, Smirl J, Stokes K, Takagi M, Tucker R, Webborn N, Zemek R, Hayden AK, Schneider KJ, Emery CA. Prevention strategies and modifiable risk factors for sport-related concussions and head impacts: A systematic review and meta-analysis. *Br J Sports Med* 2023;57:749-761 doi:10.1136/bjsports-2022-106656
8. Patricios J, Schneider KJ, Dvorak J, Ahmed OH, Blauwet C, Cantu RC, Davis GA, Echemendia RJ, Makdissi M, McNamee M, Broglio S, Emery CA, Feddermann N, Fuller GW, Giza CC, Guskiewicz KM, Hainline B, Iverson GL, Kutcher JS, Leddy JJ, Maddocks D, Manley G, McCrea M, Purcell L, Putukian M, Sato H, Tuominen MP, Turner M, Yeates KO, Herring S, Meeuwisse W. Consensus statement on concussion in sport: the Sixth International Conference on Concussion in Sport–Amsterdam, October 2022 *Br J Sports Med* 2023;57:695-711 doi:10.1136/bjsports-2023-106898
9. Moore I, Crossley K, Bo K, Mountjoy M, Ackerman K, Antero J, Sundgot-Borgen J, Brown W, Silveira-Bolling C, Clarsen B, Derman W, Dijkstra H, Donaldson A, Ellitoo-Sale K, Emery CA, Haakstad L, Junge A. Female athlete health domains: a supplement to the International Olympic Committee consensus statement on methods for recording and reporting epidemiological data on injury and illness in sport. *Br J Sport Med* May 2023 doi:10.1136/bjsports-2022-106620
10. Patterson BE, Emery CA, Crossley KM, Culvenor AG, Galarneau JM, Jaremko JL, Toomey CM, Guermazi A, Whittaker JL. Knee and overall health-related quality of life following anterior cruciate ligament injury: A cross-sectional analysis of Australian and Canadian cohorts. *Journal of Orthopaedic and Sports Physical Therapy* June 2023 doi:10.2519/jospt.2023.11838
11. Macri EM, Whittaker JL, Toomey CM, Jaremko JL, Galarneau JM, Ronsky JL, Kuntze G, and Emery, CA. Patellofemoral joint geometry and osteoarthritis features 3-10 years after knee injury compared to uninjured knees. *J Orthop Res* June 2023 doi:10.1002/jor.25640
12. Bullock GS, Emery CA, Nelson VR, Prats-Urbe, Gilliland RG, Thigpen CA, Stanley E. Higher rates of concussion following COVID-19 infection in high school athletes. *Br J Sport Med* 2023;57:590-594 doi:10.1136/bjsports-2022-106436
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Ruck-Us About? A Systematic Review and Meta-analysis. Sports Med May 2023 doi:10.1007/s40279-023-01826-z

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17. Williamson RA, Cairo AL, Heming E, Kolstad A, Hagel BE, Emery CA. Physical contact and suspected injury rates in female vs male youth ice hockey: A video-analysis study. Clin J Sport Med April 2023 doi: 10.1097/JSM.0000000000001149
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19. Janzen L, Toomey CM., Brunton LK, Condliffe EG, Esau S, Kirton A, Emery CA, & Kuntze G. Physical Activity Levels and Adiposity in Ambulant Children and Adolescents With Cerebral Palsy Compared With Their Typically Developing Peers. Pediatric Exercise Science. March 2023 doi.org/10.1123/pes.2022-0064.
20. Tabor JB, Penner LC, Cooper JG, Ghodsi M, Galarneau JM, Fraser DD, Emery CA, Wellington CL, Debert CT. Characterizing factors influencing baseline plasma biomarkers for sport-related concussion in adolescents. Journal of Neurotrauma February 2023 doi:10.1089/neu.2022.0501
21. Fuselli P, Smith V, Cowle S, Tator C, Ellis M, Babul S, Bauman S, Cusimano M, Emery CA, Frémont P, Goulet C, Logan L, Macpherson A, Reed N, Schneider K, Sigal A, Vassilyadi M, Zemek R, Tauton J. Canadian Guideline on Concussion in Sport (Parachute). Parachute Canada website 2023: <https://www.parachutecanada.org/wp-content/uploads/2019/06/Canadian-Guideline-on-Concussion-in-Sport.pdf>
22. Pavlovic N, Clermont C, Cairns J, Williamson RA, Emery CA, Stefanyshyn D. Differences in head impact biomechanics between playing positions in Canadian high school football players. Journal of Sports Sciences March 2023, doi:10.1080/02640414.2023.2184824
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24. Syrydiuk R, Penner L, Sick S, Leggett B, Galarneau J-M, Eliason P, Galeo O, Schneider KJ, Emery CA. Adjusting to Changing Environments: Virtual Pre-season SCAT5 Assessment in Canadian Male Youth Football Players. Clin J Sport Med 2023;33(2):123-129 doi:10.1097/JSM.0000000000001086
25. Kolstad AT, Eliason PH, Galarneau JM, Black AM, Hagel BE, Emery CA. Protective equipment in youth ice hockey: are mouthguards and helmet age relevant to concussion risk? Br J Sports Med March 2023 doi:10.1136/bjsports-2022-105585
26. Fortington LV, Badenhorst M, Bolling C, Derman W, Emery CA, Pasanen K, Schwellnus M, Verhagen E, Finch CF. Are we levelling the playing field? A qualitative case study of the awareness, uptake and relevance of the IOC consensus statements in two countries. Br J Sport Med February 2023. doi:10.1136/bjsports-2022-105984
27. Fortington LV, Handcock RN, Derman W, Emery CA, Pasanen K, Schwellnus M, Verhagen E, Finch CF. Citation impact and reach of the IOC sport and exercise medicine consensus statements. BMJ Open Sport & Exercise Medicine 2023;0:e001460 doi:10.1136/bmjsem-2022-001460
28. West SW, Shill IJ, Sick S, Schneider KJ, Wiley JP, Hagel BE, Emery CA, Black AM. It Takes Two to Tango: High Rates of Injury and Concussion in Ball Carriers and Tacklers in High School Boys' Rugby. Clin J Sport Med January 2023 doi:10.1097/jsm.0000000000001118
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neuromuscular training programs in youth basketball, soccer and physical education. *J Orthop Sports Phys Ther.* 2023;53(2):94-102. doi:10.2519/jospt.2022.11526

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63. Nesbitt C, Kuntze G, Toomey C, Esau S, Brooks J, Mosher D, Twilt M, Nettel-Aguirre A, Palacios-Derflingher LP, Ronsky JL, Benseler S, Emery CA. Secondary Consequences of Juvenile Idiopathic Arthritis in Children and Adolescents with Knee Involvement: Physical Activity, Adiposity, Fitness and Functional Performance. *Rheumatol Int* 2022;42:319-327 doi:10.1007/s00296-021-04920-5
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