

Carolyn Ann Emery PT PhD

List of Publications

Peer reviewed manuscripts (Trainees underlined)

1. Luszwski CA, Plourde V, Sick S, Galarneau JM, Eliason PH, Brooks BL, Mrazik M, Debert CT, Lebrun C, Babul S, Hagel BE, Dukelow SP, Schneider KJ, Emery CA, Yeates KO. Psychosocial factors associated with time to recovery after concussion in adolescent ice hockey players. Clinical Journal of Sport Medicine.(accepted)
2. Graham CT, Shepherd HA, Galea O, Kopala-Sibley D, Emery CA, Yeates KO. Is psychological resilience associated with changes in youth sport participants' health-related quality of life during the COVID-19 pandemic? Journal of Child & Adolescent Mental Health (accepted)
3. McKay CD, van den Berg CA, Marjoram RA, Hagel BE, Emery CA. Youth Injury knowledge and beliefs following neuromuscular training warm-up implementation. Int J Sports Med 2024;45(02):141-148 doi:10.1055/a-2184-9201
4. Shepherd HA, Heming E, Reed N, Caron JG, Yeates KO, Emery CA. Describing high school stakeholders' preferences for a return-to-school framework following concussion. J Sch Health January 2024 doi: 10.1111/josh.13434
5. Miutz LN, Burma JS, Brassard P, Phillips AA, Emery CA, Smirl JD. Comparison of the Buffalo Concussion Treadmill Test With a Physiologically Informed Cycle Test: Calgary Concussion Cycle Test. Sports Health. 2023;0(0). doi:10.1177/19417381231217744
6. Miutz LN, Emery CA, Black AM, Jordan MJ, Smirl JD, Schneider KJ. The Effect of Physical Exertional Testing on Postconcussion Symptom Scale Scores in Male and Female High School Students. Pediatric Exercise Science. 2023;35(2):70-76 doi:10.1123/pes.2021-0156
7. Leggett B, Eliason P, Sick S, Burma JS, Wong SK, Laperrière D, Goulet C, Fremont P, Russell K, Schneider KJ, Emery CA. Youth Preseason Performance on the Sport Concussion Assessment Tool 5 Across Multiple Sports. Clin J sport Med December 2023 doi:10.1097/JSM.0000000000001201
8. Oluwatoyosi OBA, Paz J, Emery CA. Injury severity at the time of sport-related ankle sprain is associated with symptoms and quality of life in young adults after 3–15 years. Annals of Medicine 2023;55(2):2292777 doi:10.1080/07853890.2023.2292777
9. Youngblood JL, McDonough MH, Condliffe EG, Legg D, Emery CA. "We're stronger as a family": Family experiences and relationships in an adapted physical activity camp. Psychology of Sport and Exercise 2024;71:102570 doi:10.1016/j.psychsport.2023.102570
10. Williams S, Shaw JW, Emery CA, Stokes KA. Adding Confidence to our Injury Burden Estimates: Is Bootstrapping the Solution? Br J Sport Med 2024;58:57-58 doi:10.1136/bjsports-2023-107496
11. Shill IJ, West SW, Sick S, Schneider KJ, Wiley JP, Hagel BH, Black AM, Emery CA. Differences in injury and concussion rates in a cohort of Canadian female and male youth Rugby Union: A step towards targeted prevention strategies. Br J Sport Med 2024;58:34-41 doi:10.1136/bjsports-2023-106929
12. Shepherd HA, Yeates KO, Reed N, Caron JG, Schneider KJ, Emery CA, Black AM. Academic accommodations for middle and high school students following a concussion: Perspectives of teachers and school administrators. Journal of School Health 2023;93(12):1099-1110 doi:10.1111/josh.13360
13. Eliason P, Galarneau J-M, Schneider K, Babul S, Mrazik M, Lebrun C, Hagel B, Emery CA. Higher hazard of concussion combined with recurrent concussion in female youth ice hockey compared with males: An opportunity for concussion prevention. Sports Orthopaedics and Traumatology. 2023;39(2):113-23 doi: 10.1016/j.orthtr.2023.04.005
14. Shill IJ, West SW, Brown J, Wilson F, Palmer D, Pike I, Hendricks S, Stokes KA, Hagel BE, Emery CA. How to harness and improve on video analysis for youth rugby player safety: A narrative review. BMJ Open Sport & Exercise Medicine 2023;9:e001645 doi:10.1136/bmjsem-2023-001645
15. Patterson BE, Emery CA, Crossley KM, Culvenor AG, Galarneau JM, Jaremko JL, Toomey CM, Guerhazi 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. J Orthop Sports Phys Ther. 2023;0(7):1-12 doi:10.2549/jospt.2023.11838

16. [Tabor JB, Galarneau J-M, Penner LC, Cooper J, Ghodsi M, Fraser DD, Wellington CL, Debert CT, Emery CA. Use of biostatistical models to manage replicate error in concussion biomarker research. JAMA Netw Open 2023;6\(10\):e2339733 doi:10.1001/jamanetworkopen.2023.39733](#)
17. [Shepherd HA, Shill IJ, Caron JG, Reed N, Yeates KO, Schneider KJ, Black AM, Emery CA. Facilitating students' return to school following a concussion: Perspectives of Canadian teachers and school administrators. Cogent Education 2023;10\(2\): 2257124 doi:10.1080/2331186X.2023.2257124](#)
18. [Luszawski CA, Plourde V, Sick S, Galarneau JM, Eliason PH, Brooks BL, Mrazik M, Debert CT, Lebrun C, Bablu S, Hagel BE, Dukelow SP, Schneider KJ, Emery CA, Yeates KO. Psychosocial Factors Associated with Time to Recovery After Concussion in Adolescent Ice Hockey Players. Clin J sport Med 2023;00:1-10 doi:10.1097/JSM.0000000000001187](#)
19. [van Ierssel JJ, Galea O, Holte K, Luszawski C, Jenkins E, O'Neil J, Emery CA, Mannix R, Schneider K, Yeates KO, Zemek R. How completely are RCTs of non-pharmacological interventions following concussion reported? A systematic review. J. Sport Health Sci. August 2023 doi:10.1016/j.jshs.2023.08.003](#)
20. [McCallum KS, Youngblood J, Hayden KA, Brussoni M, Emery CA, Bridel W. Children's knowledge about play-related risk, risk-taking, and injury: A meta-study. Leisure/Loisir August 2023 doi:10.1080/14927713.2023.2242859](#)
21. [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](#)
22. [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, McCrean 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](#)
23. [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](#)
24. [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 2023;33\(5\):497-504 doi:10.1097/JSM.0000000000001177](#)
25. [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](#)
26. [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 2023;53\(8\):480-489 doi:10.2519/jospt.2023.11611](#)
27. [Eliason P, Galarneau JM, Kolstad AT, Pankow MP, West SW, Bailey S, Miutz 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](#)
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29. [Moore I, Crossley K, Bo K, Mountjoy M, Ackerman K, Antero J, Sundgot Burgen J, Brown W, Silbeira 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 2023;57:1164-1174 doi:10.1136/bjsports-2022-106620](#)

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31. Macri EM, Whittaker JL, Toomey CM, Jaremko JL, Galaneau JM, Ronsky JL, Kuntze G, 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
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33. West SW, Shill IJ, Bailey S, Strydiuk RA, Hayden AK, Palmer D, Black AM, Hagel BE, Stokes KA, Emery CA. Injury Rates, Mechanisms, Risk Factors and Prevention Strategies in Youth Rugby Union: What's All the Ruck-Us About? A Systematic Review and Meta-analysis. Sports Med 2023;53:1375-1393 doi:10.1007/s40279-023-01826-z
34. Whatman C, van den Berg C, Black AM, West SW, Hagel B, Eliason P, Emery CA. High Sport Specialization Is Associated With More Musculoskeletal Injuries in Canadian High School Students. Clin J Sport Med 2023 33(3):233-238 doi:10.1097/JSM.0000000000001100
35. Hendricks S, Emery CA, Jones B, Brown JC, Dane Kathryn, West S, Stoke KA, Gray R, Tucker R. 'Tackling' rugby safety through a collective approach. Br J Sport Med 2023;57:562-563 doi:10.1136/bjsports-2023-107020
36. Williamson RA, Emery CA. Concussion in Canadian Youth Ice Hockey: What Is Needed to Decrease the Burden? Clin J Sport Med April 2023 doi:10.1097/JSM.0000000000001147
37. 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
38. Williamson RA, Kolstad AT, Eliason PH, Hagel BE, Emery CA. Can referees assess head contact penalties correctly in Canadian youth ice hockey? A video-analysis study. Clin J Sport Med 2023;33(5):483-488 doi:10.1097/jsm.0000000000001133
39. 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:10.1123/pes.2022-0064
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42. Strydiuk R, Penner L, Sick S, Leggett B, Galaneau 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
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45. 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

46. 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 2023;33(4):405-413 doi:10.1097/jsm.0000000000001118
47. Räsänen AM, Galarneau JM, Berg C, Eliason P, Benson LC, Owoeye OBA, Pasanen K, Hagel B, Emery CA. Who does not respond to injury prevention warm-up programs? A secondary analysis of trial data from 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. Kolstad AT, Nadeau L, Eliason PH, Goulet C, Hagel BE, Emery CA. Does disallowing body checking impact offensive performance in non-elite Under-15 and Under-18 youth ice hockey leagues? A video-analysis study. Int J Sports Sci Coach July 2022 doi:10.1177/17479541221112916
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65. Räisänen AM, van den Berg C, Owoeye OBA, McKay CD, Emery CA. Running every time, planking sometimes: Youth adherence to a neuromuscular training program. Translational Journal of the ACSM Fall 2022;7(4):e000209 doi:10.1249/TJX.0000000000000209
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72. Blaney T, Ronsky J, Macri E, Jaremko J, Kuntze G, Pakdel A, Whittaker J, Emery CA. Concurrent Validity and Reliability of a Semi-automated Approach to Measuring the Magnetic Resonance Imaging Morphology of the Knee Joint in Active Youth. Journal of Engineering in Medicine 2022;236(7):1023-1035 doi:10.1177/09544119221095337
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