



IRFU supported research publications

Tierney P., Blake, C. and Delahunt, E. (2021) Physical characteristics of different professional rugby union competition levels. *Journal of Science and Medicine in Sport*. 23:S1440-2440(21)00134-1. doi: 10.1016/j.jsams.2021.05.009. [in press]

McHugh, C., Hind, K., O'Halloran, A., Davey, D., Farrell, G. and Wilson, F. (2021) Body Mass and Body Composition Changes over 7 Years in a Male Professional Rugby Union Team. *Int J Sports Medicine*. doi: 10.1055/a-1403-2906. [in press]

Cunningham, J., Broglio, S., Wyse, J., McHugh, C., Farrell, G., Denvir, K. and Wilson, F. (2021) Athlete concussion history recall is underestimated: a validation study of self-reported concussion history among current professional rugby union players, *Brain Injury*, 35:1, 65-71, DOI: [10.1080/02699052.2020.1858160](https://doi.org/10.1080/02699052.2020.1858160)

Howarth, D.J., Cohen, D.D., McLean, B.D. and Coutts, A.J. (2021) Establishing the Noise: Interday Ecological Reliability of Countermovement Jump Variables in Professional Rugby Union Players. *Journal of Strength and Conditioning Research*. DOI: 10.1519/jsc.0000000000004037. [in press]

Delahunt, E., Farrell, G., Boylan, A., Kerin, F., Tierney, P., Hogan, H. and Boreham, C. (2021) Mechanisms of acute ankle syndesmosis ligament injuries in professional male rugby union players: a systematic visual video analysis. *British Journal of Sports Medicine*. 55:691-696.

Matthews, M., Johnston, W., Bleakley, C.M., Davies, R.J., Rankin, A.T., Webb, M., Caulfield, B.C. and Archbold, H.A.P. (2021) Concussion History and Balance Performance in Adolescent Rugby Union Players. *American Journal of Sports Medicine*. 49(5):1348-1354. doi: 10.1177/0363546521998709. [in press]

Johnston, W., Heiderscheit, B., Coughlan, G., McLoughlin, R., Liston, M., Brooks, M.A. and Caulfield, B. (2020) Concussion Recovery Evaluation Using the Inertial Sensor Instrumented Y Balance Test. *Journal of Neurotrauma*. 1;37(23):2549-2557. doi: 10.1089/neu.2020.7040. [in press]

McHugh, C., Hind, K., Davey, D., Wyse, J. and Wilson, F. (2020) Supersizing athletes risks increasing visceral fat and not muscle mass; a study of across season changes in body composition in professional rugby, *Journal of the American College of Cardiology*, 75, (11), p1611 - 1611

Cunningham, J., Broglio, S. P., O'Grady, M. and Wilson, F. (2020) History of Sport-Related Concussion and Long-Term Clinical Cognitive Health Outcomes in Retired Athletes: A Systematic Review. *Journal of Athletic Training*. 55 (2): 132–158. doi: <https://doi.org/10.4085/1062-6050-297-18>

McHugh, C., Hind, K., Cunningham, J., Davey, D. and Wilson, F. (2020) A career in sport does not eliminate risk of cardiovascular disease: A systematic review and meta-analysis of the cardiovascular health of field-based athletes. *Journal of Science and Medicine in Sport*. 23(9):792-799. doi: 10.1016/j.jsams.2020.02.009.



Cosgrave, M. and Williams, S. (2019) The epidemiology of concussion in professional rugby union in Ireland. *Physical Therapy in Sport*. 35:99-105. doi: 10.1016/j.ptsp.2018.11.010.

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Wood, D.J., Coughlan, G.F. and Delahunt, E. (2018) Fitness Profiles of Elite Adolescent Irish Rugby Union Players. *Journal of Strength and Conditioning Research*. 32(1):105-112. doi: 10.1519/JSC.0000000000001694.

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