

## **Publications**

1. **Chapters in Books and Symposia**
  - 1.1. **Hunter SW**. Assistive devices, falls and cognitive aspects. In M Montero Odasso and R Camicioli (Editors.), Falls and cognition in older persons: fundaments, assessment & therapeutic options. Springer Nature publications. (Published October 22, 2019)
  - 1.2. Speechley M, **Hunter SW**. Evidence, recommendations and current gaps in guidelines for fall prevention and treatments. In M Montero Odasso and R Camicioli (Editors.), Falls and cognition in older persons: fundaments, assessment & therapeutic options. Springer Nature publications. (Published October 22, 2019)
2. **Articles in Peer-Reviewed Journals**
  - 2.1. Dancereau A, **Hunter SW**, Gomez F, Guralnik JM, DePaul VG, Auais M. Cognitive function predicts incidence of poor physical performance among older adults over time: Findings from a cross-national study. *Geriatrics and Gerontology International*. **2020**; 20(3):218-222. Epub on January 20, 2020. doi: 10.1111/ggi.13864.
  - 2.2. Pieruccini-Faria F, Sarquis-Adamson Y, Anton I, Nogueron-Garcia A, Bray N, Camicioli R, **Muir-Hunter SW**, Speechley M, McIlroy W, Montero-Odasso M. Mapping Associations between gait decline and falls in Mild Cognitive Impairment: Results from the Gait and Brain Study. *Journal of American Geriatrics Society*. **2020**;68(3):576-584. doi: 10.1111/jgs.16265. Epub Dec 17, 2019.
  - 2.3. **Hunter SW**, Madou E, Omana H, Johnson A, Hill K, Wittich W, Divine A, Holmes J. Effect of dual-tasking on walking in adults with Alzheimer's dementia experienced in 4-wheeled walker use. *Gait & Posture*. **2020**;77(3):164-170. doi.org/10.1016/j.gaitpost.2020.01.024. Epub on January 31, 2020
  - 2.4. **Hunter SW**, Armstrong J, Silva M, Divine A. Physiotherapy students' attitudes to working with people with dementia: a cross-sectional survey. *Physical & Occupational Therapy in Geriatrics*. **2020**;38(1):56-66. Epub November 15, 2019. doi.org/10.1080/02703181.2019.1690088
  - 2.5. **Hunter SW**, Bobos P, Somerville L, Howard J, Vasarhelyi EM, Naudie D, MacDonald S, Lanting B. Comparison of functional and patient-reported outcomes between direct anterior and lateral surgical approach one-year after total hip arthroplasty in Canadian population: a cross-sectional study. *Journal of Orthopaedics*. **2019**;19:36-40. doi: 10.1016/j.jor.2019.11.004
  - 2.6. **Hunter SW**, Bobos P, Frengopoulos C, Macpherson A, Viana R, Payne MWC. Change in mobility between discharge from rehabilitation and 4 months follow-up in lower extremity amputees: a prospective cohort study. *Archives of Physical Medicine & Rehabilitation*. **2019**;100(11):2129-2135. Epub on Jun 25. doi: 10.1016/j.apmr.2019.05.030
  - 2.7. Beauchet O, Sekhon H, Schott-Pethelaz A, Rolland Y, **Muir-Hunter SW**, Markle-Reid M, Gagne H, Allali G. Motoric cognitive risk syndrome and risk for falls, recurrent falls and post-fall fractures: Results from an observational population-based cohort study. *JAMDA*. **2019**;20(10):1268-1273.
  - 2.8. **Hunter SW**, Divine A, Omana H, Wittich W, Hill KD, Johnson A, Holmes J. Effect of learning to use a mobility aid on gait and cognitive demands in people with mild to moderate Alzheimer's dementia: Part I – Cane. *Journal of Alzheimer's Disease*. **2019**;71(s1):S105-S114. Epub on May 20, 2019. doi: 10.3233/JAD-181169 Epub ahead of print.
  - 2.9. **Hunter SW**, Divine A, Omana H, Wittich W, Hill KD, Johnson A, Holmes J. Effect of learning to use a mobility aid on gait and cognitive demands in people with mild to moderate Alzheimer's dementia: Part II – 4-wheeled walker. *Journal of Alzheimer's Disease*. **2019**;71(s1):S115-S124. Epub on May 20, 2019. doi: 10.3233/JAD-181170 Epub ahead of print.

- 2.10. Vu K, Payne MWC, **Hunter SW**, Viana R. Patient characteristics associated with falls in lower limb amputees during the pre-prosthetic phase: a retrospective cohort study. *PM&R.* **2019**;11(8):828-833. doi: 10.1111/pmrj.12046. Epub ahead of print April 1, 2019.
- 2.11. Fuller K, Omana H, Frengopoulos C, Viana R, Payne M, **Hunter SW**. Reliability, validity, and agreement of the Short-form Activities-specific Balance Confidence Scale in people with lower extremity amputations. *Prosthetics and Orthotics International.* **2019**;43(6):609-617. Epub September 20, 2019. doi: 10.1177/0309364619875623.
- 2.12. Montero-Odasso M, Almeida QJ, Bherer L, Burhan AM, Camicioli R, Doyon J, Fraser S, **Muir-Hunter SW**, Li K, Liu-Ambrose T, McIlroy W, Middleton L, Morais JA, Sakurai R, Speechley M, Vasudev A, Beauchet O, Hausdorff J, Rosano C, Studenski S, Verghese J, and the Canadian Gait and Cognition Network. Consensus on shared measures of mobility and cognition: From the Canadian Consortium on Neurodegeneration in Aging (CCNA). *Journals of Gerontology Series A Medical Science.* **2019**;74(6):897-909. Epub on June 21, 2018. doi.org/10.1093/Gerona/gly148.
- 2.13. Zomar B, Bryant D, **Hunter SW**, Howard J, Lanting B. The effect of conjoint tendon release on gait after direct anterior total hip arthroplasty. *Hip International.* **2019**;29(6):578-583. doi: 10.1177/1120700018813547. Epub Nov 26, 2018.
- 2.14. Montero-Odasso M, Speechley M, Chertkow H, Sarquis-Adamson Y, Wells J, Borrie M, Vanderhaeghe L, Zou GY, Fraser S, Bherer L, **Muir-Hunter SW**. Donepezil for gait and falls in Mild Cognitive Impairment: a randomized controlled trial. *European Journal of Neurology.* **2019**;26(4):651-659. Epub on Dec 26, 2018. doi: 10.1111/ene.13872. (jnnp-2018-318409)
- 2.15. Desrochers J, Frengopoulos C, Payne MWC, Viana R, **Hunter SW**. Understanding the relationship between body image at discharge and physical functioning after discharge from prosthetic rehabilitation for a first lower limb amputation: a prospective cohort study. *International Journal of Rehabilitation Research.* **2019**;42(1):85-88. Epub on Dec 10, 2018. doi: 10.1097/MRR.0000000000000329.
- 2.16. **Hunter SW**, Divine A, Frengopoulos C, Montero-Odasso M. A framework for secondary cognitive and motor tasks in dual-task gait testing in people with Mild Cognitive Impairment. *BMC Geriatrics.* **2018**; 3;18(1):202. doi: 10.1186/s12877-018-0894-0.
- 2.17. **Guitar N**, Connelly D, Nagamatsu L, Orange JB, **Muir-Hunter SW**. The effects of physical exercise on executive function in community-dwelling older adults living with Alzheimer's-type dementia: A systematic review. *Ageing Research Reviews.* **2018**;47:159-167. Epub Aug 10, 2018. doi.org/10.1016/j.arr.2018.07.009.
- 2.18. Lee L, Patel T, Hillier L, Locklin J, Milligan J, Pefanis J, Costa A, Lee J, Slonim K, Giangregorio L, **Hunter S**, Keller H, Boscart V. Frailty Screening and Case-Finding for Complex Chronic Conditions in Older Adults in Primary Care. *Geriatrics.* **2018**; 3: 39. doi:10.3390/geriatrics3030039
- 2.19. **Hunter SW**, Divine A. The effect of walking path configuration on gait in adults with Alzheimer's disease. *Gait & Posture.* **2018**;64:226-229. doi.org/10.1016/j.gaitpost.2018.06.118 [Contribution: 60%, IFR=2.347, Citations=2(gs) and 0(wos)]
- 2.20. Zomar B, Bryant D, **Hunter S**, Howard J, Vasarhelyi E, Lanting B. A randomised trial comparing spatio-temporal gait parameters after total hip arthroplasty between the direct anterior and direct lateral surgical approaches. *Hip International,* **2018**; 28(5):478-484. doi: 10.1177/1120700018760262. ePub May 20
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- 2.22. Pieruccini-Faria F, **Muir-Hunter SW**, Montero-Odasso M. Do depressive symptoms affect balance in older Adults with Mild Cognitive Impairment? Results from the "Gait and Brain Study". *Experimental Gerontology*. **2018**;102:59-68. doi: 10.1016/j.exger.2018.04.004.
- 2.23. Frengopoulos C, Payne MWC, Holmes JD, Viana R, **Hunter SW**. Comparing the effects of dual-task gait testing in new and established ambulators with lower extremity amputations. *PM&R*. **2018**;10(10):1012-1019. doi: 0.1016/j.pmrj.2018.03.018. Epub April 5, 2018.
- 2.24. Montero-Odasso M, Speechley M, **Muir Hunter SW**, Sarquis-Adamson Y, Sposato LA, Hachinski V, Borrie M, Wells J, Black A, Sejdic E, Bherer L, Chertkow H. Trajectories of cognitive and motor decline before dementia: results from the Gait and Brain Study. *Journal of the American Geriatrics Society*. **2018**; 66(9):1676-1683.. doi: 10.1111/jgs.15341. Epub on Apr 2
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- 2.29. Frengopoulos C, Payne MWC, Viana R, **Hunter SW**. MoCA Item Score Analysis and Relationship to Rehabilitation Outcome Measures in Lower Extremity Amputees. *Archives of Physical Medicine & Rehabilitation*. **2018**;99(2):314-320. doi.org/10.1016/j.apmr.2017.09.003
- 2.30. Montero-Odasso M, Sarquis-Adamson Y, Speechley M, Borrie M, Hachinski V, Wells J, Riccio PM, Schapira M, Sejdic E, Camicioli R, Bartha R, McIlroy W, **Muir-Hunter SW**. Dual-task gait predicts incident dementia in Mild Cognitive Impairment: results from the Gait and Brain Study. *JAMA Neurology*. **2017**;74(7):857-865. [ePub May 15, 2017] doi:10.1001/jamaneurol.2017.0643.
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- 2.35. **McKinnon NB**, Connelly DM, Rice CL, **Hunter SW**, Doherty TJ. Neuromuscular contributions to the age-related reduction in muscle power: Mechanisms and potential role of high velocity power training. *Ageing Research Reviews*. 2017;35:147-154. doi: 10.1016/j.arr.2016.09.003 ePub: Oct 6, 2016
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- 2.40. **Muir-Hunter SW**, Montero Odasso M. The gait cost of using a mobility aid in older adults with Alzheimer's disease. *Journal of the American Geriatrics Society*. 2016;64(2):437-8.
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