

A list of research relevant to physiotherapy by New Zealand physiotherapists (in collaboration with other researchers) that has been published in international journals

### Acupuncture

- Keith KGM, Johnson GM (2013) Ultrasound measurement of a single acupuncture point with respect to De Qi: An observational cross sectional study. *Medical Acupuncture* 2: 149-153
- Ong J, Claydon LS (2013) The effect of dry needling for myofascial trigger points in the neck and shoulders: A systematic review and meta-analysis. *Journal of Bodywork & Movement Therapies* [Epub ahead of print] doi: 10.1016/j.jbmt.2013.11.009

### Cardiorespiratory

- Agostini P, Reeve J, Dromard S, Singh S, Steyn RS, Naidu B (2013) A survey of physiotherapeutic provision for patients undergoing thoracic surgery in the UK. *Physiotherapy* 99: 56-62 doi:10.1016/j.physio.2011.11.001

### Disability issues

- Hale L, van der Meer J, Rutherford G, Clay L, Janssen J, Powell D (2013) Exploring the integration of disability awareness into tertiary teaching and learning activities. *Journal of Education and Learning* 147-157
- Mulligan H, Polkinghorne A (2013) Community use of a hospital pool by people with disabilities. *Disability & Health Journal* [Epub ahead of print] doi: 10.1016/j.dhjo.2013.04.004
- Pal J, Hale L, Mirfin-Veitch B (2013) Experiences of therapists trying to reduce falls risk for people with intellectual disability. *Journal of Policy & Practice in Intellectual Disabilities* 4: 314-320
- Pal J, Hale L, Mirfin-Veitch B, Claydon L (2013) Injuries and falls among adults with intellectual disability: A prospective New Zealand cohort study. *Journal of Intellectual and Developmental Disability*. 2013, <http://dx.doi.org/10.3109/13668250.2013.867929>.

### Musculoskeletal

- Abbott JH, Foster M, Hamilton L, Ravenwood M, Tan N (2013) Validity of pain drawings for predicting psychological status outcome in patients with recurrent or chronic low back pain. *Journal of Manual & Manipulative Therapy* [Epub ahead of print]
- Abbott JH, Robertson MC, Chapple C, Pinto D, Wright AA, Leon de la Barra S, Baxter GD, Theis JC, Campbell AJ, MOA Trial Team (2013) Manual therapy, exercise therapy, or both, in addition to usual care, for osteoarthritis of the hip or knee: a randomized controlled trial: clinical effectiveness *Osteoarthritis Cartilage* 21: 525-534
- Al Nezari NH, Schneiders AG, Hendrick PA (2013) Neurological examination of the peripheral nervous system to diagnose lumbar spinal disc herniation with suspected radiculopathy: A systematic review and meta-analysis. *Spine Journal* [Epub ahead of print]
- Cadogan A, McNair P, Laslett M, Hing W (2013) Shoulder pain in primary care: diagnostic accuracy of clinical examination tests for non-traumatic acromioclavicular joint pain. *BMC Musculoskeletal Disord* 14:156. doi:10.1186/1471-2474-14-156
- Cadogan A, McNair P, Laslett M, Hing W, Taylor S (2013) Diagnostic accuracy of clinical examination features for identifying large rotator cuff tears in primary health care. *Journal of Manual and Manipulative Therapy*, 21:148-159
- Cury Ribeiro D, Sole G, Abbott JH, Milosavljevic S (2013) Validity and reliability of the Spineangel lumbo-pelvic postural monitor. *Ergonomics*. [Epub ahead of print] doi: 10.1080/00140139.2013.781233
- Darlow B, Dowell A, Baxter GD, Mathieson F, Perry M, Dean S (2013) The enduring impact of what clinicians say to people with low back pain. *Annals of Family Medicine* 6: 527-534
- de Toledo JM, Ribeiro DC, de Castro MP, Forte FC, KörbestS, Rusch MW, Loss JF (2013) Comparison of shoulder resultant net moment between three different exercises and load conditions. *Physiotherapy Theory & Practice* 2: 124-132.
- Devan H, Hendrick P, Cury Ribeiro D, Hale LA, Carman A (2013) Asymmetrical movements of the lumbopelvic region: Is this a potential mechanism for low back pain in people with lower limb amputation? *Medical Hypotheses* [Epub ahead of print] doi: 10.1016/j.mehy.2013.11.012
- Dobson F, Hinman RS, Roos EM, Abbott JH, Stratford P, Davis AM, Buchbinder R, Snyder-Mackler L, Henrotin Y, Thumboo J, Hansen P, Bennell KL (2013) OARS recommended performance-based tests to assess physical function in people diagnosed with hip or knee osteoarthritis. *Osteoarthritis Cartilage* 21: 1042-1052
- Graham H, Gross A, Carlesso L, Santaguida L, MacDermid J, Walton D, Reid DA & ICON Research Team (2013) An ICON overview on physical modalities for neck pain and associated disorders. *Open Orthopaedics* 7(S4): 440-460
- Gross A, Kaplani F, Huang S, Khani J, Santaguida L, Carlesso L, Reid DA & ICON Research Team (2013) Psychological care, patient education, orthotics, ergonomics and prevention strategies for neck pain: A systematic overview update as part of the ICON project. *Open Orthopaedics* 7(S4): 530-561
- Hendrick P, Milosavljevic S, Hale L, Hurley DA, McDonough SM, Herbison P, Baxter GD (2013) Does a patient's physical activity predict recovery from an episode of acute low back pain? A prospective cohort study. *BMC Musculoskeletal Disorders* 1:126
- Horton SJ, Wade KJ (2013) Exercise intervention for a musculoskeletal disorder in an oral health student: A case report. *New Zealand Dental Journal* 1: 12-16.
- Jayakaran P, Johnson GM, Sullivan SJ (2013) Turning performance in persons with a dysvascular transtibial amputation. *Prosthetics & Orthotics International* [Epub ahead of print] doi: 10.1177/0309364613485114
- Larmer PJ, Reay ND, Aubert ER, Kersten P (2013) A systematic review of guidelines for the physical management of osteoarthritis. *Archives of Physical Medicine and Rehabilitation*. doi:10.1016/j.apmr.2013.10.011
- MacDermid J, Walton D, Miller J, Reid DA & ICON Research Team (2013) What is the experience of receiving healthcare for neck pain? *Open Orthopaedics* 7(S4): 428-439
- McDonough SM, Tully MA, Boyd AO, O'Connor, SR, Kerr DP, O'Neill SM, Tudor-Locke C, Baxter GD, Hurley DA (2013) Pedometer-driven walking for chronic low back pain: A feasibility randomized controlled trial. *Clinical Journal of Pain* 29: 972-981 doi: 10.1097/AJP.0b013e31827f9d81
- McKay C, Prapavessis H, McNair P (2013) Comparing the lower limb tasks questionnaire to the western ontario and McMaster universities osteoarthritis index: Agreement, responsiveness, and convergence with physical performance for knee osteoarthritis patients. *Archives of Physical Medicine and Rehabilitation* 94: 474-479
- McNair P, Nordez A, Olds M, Young SW, Cornu C (2013) Biomechanical properties of the plantar flexor muscle-tendon complex 6 months post-rupture of the Achilles tendon. *Journal of Orthopaedic Research* doi:10.1002/jor.22381
- Pinto D, Robertson MC, Abbott JH, Hansen P, Campbell AJ & MOA Trial Team (2013) Manual therapy, exercise therapy, or both, in addition to usual care, for osteoarthritis of the hip or knee: economic evaluation alongside a randomized controlled trial. *Osteoarthritis Cartilage* 10:1504-1513
- Romeo K, Stewart S, Vandal AC, Gow P, McNair P, Dalbeth N (2013) The effects of commercially available footwear on foot pain and disability in people with gout: A pilot study. *BMC Musculoskeletal Disorders* 14. doi:10.1186/1471-2474-14-278
- Ribeiro DC, Sole G, Abbott JH, Milosavljevic S (2013) Validity and reliability of the Spineangel lumbo-pelvic postural monitor *Ergonomics* 56: 977-991
- Santaguida L, Keshavarz H, Carlesso L, Lomoton M, Gross A, MacDermid J, Reid DA & ICON Research Team (2013) A description of the methodology used in an overview of reviews to evaluate evidence on the treatment, harms, diagnosis/classification, prognosis and outcomes used in the management of neck pain. *Open Orthopaedics* 7(S4): 461-472
- Schmitt JS, Abbott JH (2013) Patient Global ratings of Change Did Not Adequately Reflect Change Over Time: A Clinical Cohort Study *Physical Therapy* [Epub ahead of print]
- Stewart S, Ellis R, Heath M, Rome K (2013) Ultrasonic evaluation of the abductor hallucis muscle in hallux valgus: A cross-sectional observational study. *BMC Musculoskeletal Disorders* 14
- Walton D, Carroll L, Kasch H, Sterling M, Verhagen A, Mac Dermid J, Reid DA & ICON Research Team (2013) An overview of systematic reviews on prognostic factors in neck pain: Results from the International

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- Walton, D, MacDermid J, Gross A, Santaguida P, Carlesso L, Reid DA & ICON Research Team (2013). Results of an international survey of practice patterns for establishing prognosis in neck pain: The ICON project. *Open Orthopaedics* 7(S4): 387-395
- Ward L (2013) Yoga: A useful and effective therapy for musculoskeletal disorders? *Physical Therapy Reviews* 4: 235-238.
- Ward L, Stebbings S, Cherkin D, Baxter GD (2013) Yoga for functional ability, pain and psychosocial outcomes in musculoskeletal conditions: A systematic review and meta-analysis. *Musculoskeletal Care* [Epub ahead of print] doi: 10.1002/msc.1042
- Neurology and Rehabilitation**
- Brown M, Levack W, McPherson KM, Dean SG, Reed K, Weatherall M, Taylor WJ (2013) Survival, momentum, and things that make me "me": patients' perceptions of goal setting after stroke. *Disability Rehabilitation* [Epub ahead of print]
- Dunn JA, Hay-Smith EJ, Whitehead LC, Keeling S (2013) Liminality and decision making for upper limb surgery in tetraplegia: a grounded theory *Disability Rehabilitation* 35:1293-1301
- Lewis GN, Signal N, Taylor D (2013) Reliability of lower limb motor evoked potentials in stroke and healthy populations: How many responses are needed? *Clinical Neurophysiology* doi:10.1016/j.clinph.2013.07.029
- Mudge S, Kayes NM, Stavric V, Channon A, Kersten P, McPherson KM (2013) Living well with disability: Needs, values and competing factors. *International Journal of Behavioral Nutrition and Physical Activity* doi:10.1186/1479-5868-10-100
- Mudge S, Stretton C, Kayes NM (2013) Are physiotherapists comfortable with person-centred practice? An autoethnographic insight. *Disability and Rehabilitation* [Epub ahead of print]
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- Nunnerly JL, Hay-Smith EJ, Dean SG (2013) Leaving a spinal unit and returning to the wider community: an interpretative phenomenological analysis *Disability Rehabilitation* 35:1164-1173
- Smith CM, Hale LA, Olson K, Baxter GD, Schneiders AG (2013) Healthcare provider beliefs about exercise and fatigue in people with multiple sclerosis. *Journal of Rehabilitation Research & Development* 5: 733-744
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- Occupational Health and Ergonomics**
- Chang V, Hiller C, Keast E, Nicholas P, Su M, Hale L (2013) Musculoskeletal disorders in support workers in the aged care sector. *Physical Therapy Reviews* 3: 185-206
- Clay L, Treharne GJ, Hay-Smith EJ, Milosavljevic S (2013) Is workplace satisfaction associated with self-reported quad bike loss of control events among farm workers in New Zealand? *Appl Ergon* 143- 149
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- Older Adult**
- Taylor D (2013) Physical activity is medicine for older adults. *Postgraduate Medical Journal* doi:10.1136/postgradmedj-2012-131366
- Other**
- Fadyl J, Nicholls DA (2013) Foucault, the subject, and the research interview: A critique of methods. *Nursing Inquiry* 20: 23-29
- Fadyl JK, Nicholls DA, McPherson KM (2013) Interrogating discourse: The application of Foucault's methodological discussion to specific inquiry. *Health: an interdisciplinary journal for the social study of health, illness and medicine* 17: 491-507 doi:10.1177/1363459312464073
- Peplow P V, Baxter GD (2013) Testing infrared laser phototherapy (810 nm) to ameliorate diabetes: Irradiation on body parts of diabetic mice. *Lasers in Surgery & Medicine* 4: 240-245.
- Paediatrics**
- Jordan K, King M, Hellersteth S, Wiren A, Mulligan H (2013) Feasibility of using a humanoid robot for enhancing attention and social skills in adolescents with autism spectrum disorder. *International Journal of Rehabilitation Research* [Epub ahead of print] doi: 10.1097/MRR.0b013e32835d0b43
- Kanagasabai PS, Mohan D, Lewis LE, Kamash A, Rao BK (2013) Effect of multisensory stimulation on neuromotor development in preterm infants. *Indian Journal of Pediatrics* [Epub ahead of print] doi: 10.1007/s12098-012-0945-z
- Woll A, Worth A, Mündermann A, Hölling H, Jekauc D, Bös K (2013) Age- and sex-dependent disparity in physical fitness between obese and normalweight children and adolescents. *Journal of Sports Medicine & Physical Fitness* 1: 48-55
- Pain**
- Claydon LS, Chesterton LS, Barlas P, Sim J (2013) Alternating-frequency TENS effects on experimental pain in healthy human participants: A randomized placebo-controlled trial. *Clinical Journal of Pain* [Epub ahead of print] doi: 10.1097/AJP.0b013e318262330f
- Lewis G, Rice D (2013) Chronic pain: We should not underestimate the contribution of neural plasticity. *Critical Reviews in Physical and Rehabilitation Medicine* doi:10.1615/CritRevPhysRehabilMed.2013010295
- Primary Health Care**
- Angelo JK, Egan R, Reid K (2013) Essential knowledge for family caregivers: A qualitative study. *International Journal of Palliative Nursing* 8: 383-388
- Stewart JJ, Haswell K (2013) Assessing readiness to work in Primary Health Care: The content validity of a Self-check tool for physiotherapists and other health professionals. *Journal of Primary Health Care* 5: 70-73.
- Professional Issues**
- Janssen J, Hale L, Mirfin-Veitch BF, Harland T (2013) Building the research capacity of clinical physical therapists using a participatory action research approach. *Physical Therapy* [Epub ahead of print] doi: 10.2522/ptj.20120030
- Jones A, Skinner MA (2013) The current status of physical therapy in China. *Chinese Journal of Rehabilitation Medicine* 6: 493-501
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- Sports**
- Adhia DB, Bussey MD, Ribeiro DC, Tumilty S, Milosavljevic S (2013) Validity and reliability of palpation-digitization for non-invasive kinematic measurement - a systematic review. *Manual Therapy* 18: 26-34
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- Horstmann T, Listringhaus R, Haase G-B, Grau S, Mündermann A (2013) Changes in gait patterns and muscle activity following total hip arthroplasty: A six-month follow-up. *Clinical Biomechanics* 7: 762-769
- Marshall RN, McNair PJ (2013) Biomechanical risk factors and mechanisms of knee injury in golfers. *Sports Biomechanics* 12: 221-230. doi:10.1080/14763141.2013.767371
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- Nüesch C, Hügler T, Hörterer H, Majewski M, Valderrabano V, Mündermann A (2013) Leg muscle function during recreational alpine skiing in two patients following unilateral total knee arthroplasty. *Sports Orthopaedics & Traumatology*. [Epub ahead of print]doi: 10.1016/j.orthtr.2013.09.005"
- Schneiders T (2013) Physical sideline tests for the assessment of sports concussion: A clinician's guide to the SCAT3. *Sport Health* 1: 45-49
- Wassinger CA, Sole G, Osborne H (2013) Clinical measurement of scapular upward rotation in response to acute subacromial pain. *Journal of Orthopaedic & Sports Physical Therapy* 4: 199-203
- Williams D, Sullivan SJ, Schneiders AG, Ahmed OH, Lee H, Balasundaram AP, McCrory PR (2013) Big hits on the small screen: An evaluation of concussion-related videos on YouTube. *British Journal of Sports Medicine* [Epub ahead of print] doi: 10.1136/bjsports-2012-091853

### Women's health

- Ayeleke RO, Hay-Smith EJ, Omar MI (2013) Pelvic floor muscle training added to another active treatment versus the same active treatment alone for urinary incontinence in women *Cochrane Database Syst Rev*
- Boyle R, Hay-Smith EJ, Cody JD, Morkved S (2013) Pelvic Floor Muscle Training for Prevention and Treatment of Urinary and Fecal Incontinence in antenatal and Postnatal Women: A Short Version Cochrane Review *Neurourology Urodyn* [Epub ahead of print]