



West Park
HEALTHCARE CENTRE

**get
your
life
back**

2015-2016 Research Activities

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The following report details West Park's research activities separated by study type/event and research themes

1.0 PEER REVIEWED PUBLICATIONS

Respiratory Rehab

Beauchamp M, Harrison S, Goldstein R, Brooks D. Interpretability of Change Scores in Measures of Balance in People With COPD. *Chest*. 2016 Mar. 149(3):696-703

Brooks D Supervised walking training improves health-related quality of life and exercise endurance in people with chronic obstructive pulmonary disease [commentary]. *J Physiother*. 2016 Jan;62(1):50

Brooks D, Desveaux L, Beauchamp MK, Lee AL, Ivers N, Goldstein RS. Effects of a community-based, post-rehabilitation exercise program in COPD: Protocol for a randomized controlled trial with embedded process *JMIR Research Protocols* 2016; 5(2):e63.

Desveaux L, Goldstein R, Mathur S, Brooks D Barriers to Physical Activity Following Rehabilitation: Perspectives of Older Adults with Chronic Disease *J Aging Phys Act*. 2016 Apr;24(2):223-33

Desveaux I, Goldstein R, Mathur S, Hassan A, Devlin M, Pauley T, Brooks D. Physical activity in adults with diabetes following prosthetic rehabilitation. *Canadian Journal of Diabetes* April 2016 (published online)

Desveaux L, Janaudis-Ferreira T, Goldstein RS, Brooks D. An international comparison of pulmonary rehabilitation: A systematic review. *Journal of COPD*. 2015;12(2):144-153. doi: 10.3109/15412555.2014.922066 epub: July 2014.

Desveaux L, Lee AL, Goldstein RS, Brooks D. Yoga in the management of chronic disease: a systematic review and meta-analysis. *Medical Care* 2015, 53(7):653-61

Desveaux L, Chan Z, Brooks D. Leadership in Physical Therapy: Examining the Strengths of Academics and Managers.

Evans RA, Dolmage TE, Mangovski-Alzamora S, Romano J, O'Brien L, Brooks D, Goldstein RS. One legged cycle training for chronic obstructive pulmonary disease. A pragmatic study of implementation to pulmonary rehabilitation. *Ann Am Thorac Soc*. 2015 Oct;12(10):1490-1497.

Evans RA, Dolmage TE, S Mangovski-Alzamora, Brooks D, Goldstein RS. Single Leg Cycling for COPD: Knowledge Translation to Pulmonary Rehabilitation .*Annals of ATS* (in press)

Gershon AS, Mecredy GC, Guan J, Victor JC, **Goldstein R**, To T. Quantifying comorbidity in individuals with COPD: a population study. *European Respiratory Journal*. 2015;45(1):51-59.

Harrison S, Beauchamp MK, Sibley K, Araujo T, Romano J, Goldstein R, Brooks D. Minimizing the evidence-practice gap - A prospective cohort study incorporating balance training into

pulmonaryrehabilitation for individuals with chronic obstructive pulmonary disease BMC Pulm Med. 2015 Jul 23;15:73.

Harrison SL, Brooks D. Active Patient Engagement: Long Overdue in Rehabilitation Research Physiotherapy Canada. 67(4): 305-307

Harrison SL, Janaudis-Ferreira T, Brooks D, Desveaux L, Goldstein RS. Self-management following an acute exacerbation of COPD: A systematic review. Chest. 2015;147(3);646-661. doi: 10.1378/chest.14-1658.

Harrison SL, Lee AL, Janaudis-Ferreira T, Goldstein RS, Brooks D. Mindfulness in individuals with respiratory compromise: a systematic review. Patient Education and Counselling 2016; 99(3): 348-355

Janaudis-Ferreira T, Mathur S, Romano JM, Goldstein RS, Brooks D Arm Activity During Daily Life in Individuals With Chronic Obstructive Pulmonary Disease. J Cardiopulm Rehabil Prev. 2016 Mar-Apr;36(2):125-31

Lee A, Desveaux L, Goldstein RS, Brooks D. Distractive auditory stimuli in the form of music in individuals with COPD. A systematic review. Chest. 2015;148(2):417-429.

Lee AL, Burge A, Holland AE. Airway clearance techniques for bronchiectasis (updated review). Cochrane Database of Systematic Reviews 2015, Issue 11. Art. No.: CD008351

Lee AL, Burge AT, Holland AE. Positive expiratory pressure therapy in people with non-cystic fibrosis bronchiectasis. (Protocol) Cochrane Database of Systematic Reviews 2015, Issue 5. Art. No.: CD01169

Lee AL, Desveaux L, Goldstein RS, Brooks D. The role of distractive auditory stimuli in the form of music in COPD – a systematic review. Chest 2015; 148(2):1-13.

Lee AL, Goldstein RS. GERD in COPD: Links and Risks. International Journal of Chronic Obstructive Pulmonary Disease 2015; 10:1935–1949.

Lee AL, Harrison SL, Beauchamp MK, Janaudis-Ferreira T, Brooks D. Alternative field exercise testing in respiratory conditions Current Physical Medicine and Rehabilitation Reports 2015; 3(3):232-241.

Lee AL, Harrison SL, Goldstein RS, Brooks D. Pain and its clinical associations in COPD – a systematic review. Chest 2015; 147(5):1246-1258

Lee AL, Rawlings S, Bennett KL, Armstrong D. Pain in CF, clinical implications and impact – systematic review Chronic Respiratory Disease 2016; 31(2): 102-117.

Mendes P, Wickerson L, Helm D, **Janaudis-Ferreira T, Brooks D, Singer LG, Mathur S** Skeletal muscle atrophy in advanced interstitial lung disease Respirology. 2015 Aug;20(6):953-9

O'Hoski S, Sibley KM, Brooks D, Beauchamp MK. Construct validity of the BESTest, mini-BESTest and briefBESTest in adults aged 50 years and older. Gait Posture. 2015 Sep;42(3):301-5

Parreira VF, Kirkwood R, Towns M, Aganon I, Barrett L, Darling C, Lee M, Hill K, **Goldstein RS, Brooks D**. Is there an association between symptoms of anxiety and depression and quality of life in patients with chronic obstructive pulmonary disease? Canadian Respiratory Journal. 2015. Jan-Feb;22(1):37-41.

Reilly TS, Majd S, Popat B, Greening NJ, **Dolmage TE**, Agrawal S, Woodhead FA, **Evans RA**. [abstract] Exercise responses to one-legged cycling in patients with idiopathic pulmonary fibrosis. Thorax 2015;70:A143-A144.

Robles PG, Sussman MS, Naraghi A, **Brooks D, Goldstein RS**, White L, Mathur S. Intramuscular fat infiltration contributes to impaired muscle function in COPD. Med Sci Sports Exerc. 2015;47(7):1334-1341. doi: 10.1249/MSS.0000000000000556. Epub Nov 2014.

Rochester CL, Vogiatzis I, Holland AE, Lareau SC, Marciniuk DD, Puhan MA, Spruit MA, Masefield S, Casaburi R, Clini EM, Crouch R, Garcia-Aymerich J, Garvey C, **Goldstein RS**, Hill K, Morgan M, Nici L, Pitta F, Ries AL, Singh SJ, Troosters T, Wijkstra PJ, Yawn BP, ZuWallack RL. ATS/ERS Task force on Policy in Pulmonary Rehabilitation. An official American Thoracic Society/European Respiratory Society Policy Statement: Enhancing implementation, use and delivery of pulmonary rehabilitation. Am J Resp Crit Care Med. 2015 Dec;192(11):1373-1386. doi: 10.1164/rccm.201510-1066ST. PMID: 26623686.

Rose L, McKim DA, Katz SL, Leasa D, **Nonoyama M**, Pedersen C, **Goldstein RS**, Road JD on behalf of the CANuVENT Group. Home mechanical ventilation in Canada: A national survey. Respiratory Care. 2015;60(5):695-704. doi: 10.4187/respcare.03609. Epub 2015 Jan 13.

Sibley KM, **Brooks D**, Gardner P, **Janaudis-Ferreira T**, McGlynn M, **O'Hoski S**, McEwan S, Salbach N, Shaffer J, Shing P, Straus S, Jaglal SB Development of a Theory-Based Intervention to Increase Clinical Measurement of Reactive Balance in Adults at Risk of Falls. J Neurol Phys Ther. 2016 Apr;40(2):100-6

Spasticity/Neuro

Chan K, Phadke CP, Stremler D, Suter L, Pauley T, Ismail F, Boulias C. The effect of water-based exercises on balance in persons post-stroke: a randomized controlled trial. Topics in Stroke Rehabilitation

Fennell J, **Phadke CP**, Mochizuki G, **Ismail F, Boulias C**. Shoulder retractor strengthening exercises to minimize rhomboid activity Physiother Can. 68 (1), 24-28

Goldstein J, **Phadke CP, Ismail F, Boulias C** Spasticity Health Literacy among Canadian Family Physicians. Can J Neurol Sci. 2015 Nov;42(6):450-3. doi: 10.1017/cjn.2015.271

Ismail F, Phadke CP, Boulias C Biceps brachii botulinum toxin injections: to be or not to be? Canadian Journal of Neurological Sciences. 2015 Nov;42(6):482. doi: 10.1017/cjn.2015.290

Jang Y, Park G, Park J, Choi A, Kim SY, **Boulias C, Phadke CP, Ismail F**, Im S. Survey of Botulinum Toxin Injections in Anticoagulated Patients: Korean Physiatrists' Preference on Controlling Anticoagulation Profile prior to Intramuscular Injection Ann Rehabil Med 2016;40(2):279-287, <http://dx.doi.org/10.5535/arm.2016.40.2.279>

Kassam A, **Phadke CP, Ismail F, Boulias C** Physician preferences for botulinum toxin injections in anticoagulated patients with spasticity Canadian Journal of Neurological Sciences. 2016 Mar 4:1-3

Miller M, Martin LM, **Ismail F, Boulias C, Lyons L, Phadke CP** Impact of seasonal variations on spasticity assessment and treatment. International Journal of Neurology Research. 2015 June 1(2): 1-5

Mohammadi R, Talebian S, **Phadke CP**, Yekaninejad MS, Hadian MR The effects of treadmill incline and speed on ankle muscle activity in subjects after a stroke. Archives of Physical Medicine and Rehabilitation. 2016 Mar;97(3):445-53. doi: 10.1016/j.apmr.2015.10.088

On AY, **Phadke CP, Ismail F, Boulias C** Approaches of physicians across turkey to using botulinum toxin injections in anti-coagulated patients Turkish Journal of Physical Medicine and Rehabilitation 2015; 61: 253-260

Pauley T, Phadke CP, Kassam A, **Ismail F, Boulias C, Devlin M** The influence of a concurrent cognitive task on lower limb reaction time among stroke survivors with right- or left-hemiplegia Topics in Stroke Rehabilitation, 2015 Oct;22(5):342-8. doi: 10.1179/1074935714Z.0000000041

Phadke CP, Balasubramanian CK, Holz A, Davidson C, **Ismail F, Boulias C**. Adverse clinical effects of botulinum toxin intramuscular injections for spasticity Canadian Journal of Neurological Sciences. 2016 Mar;43(2):298-310

Phadke CP, Flynn SF, Kukulka CG, Thompson FJ, Behrman AL. Comparison of soleus H-reflexes in two groups of persons with motor incomplete spinal cord injury walking with and without a walker Topics in Spinal Cord Injury Rehabilitation 22(2):158-163 · February 2016 DOI: 10.1310/sci2016-0007

Shaikh A, **Phadke CP, Ismail F, Boulias C**. Relationship between spasticity and pain based on patient perception Canadian Journal of Neurological Sciences. 2016 Mar;43(2):311-315.

Wijekoon S, Tran-Nguyen K, **Ismail F, Boulias C, Phadke CP**. Seasonal variations in outdoor activities in adults with spasticity International Journal of Neurology Research. 2015 Sept 1(3): 163-8

Amputee Rehab

Mandel A, Paul K, **Paner R, Devlin M, Dilkas S, Pauley T**. (2016). Balance confidence and activity of community-dwelling patients with transtibial amputation. Journal of Rehabilitation Research and Development. In press

Moylan B, **Paner R, Pauley T, Dilkas S, Devlin M**. (2015). Impact of increased prosthetic mass on gait symmetry in dysvascular transfemoral amputees: a randomized prospective double-blind crossover trial. Journal of Prosthetics & Orthotics, 27(2), 63-7.

Vivas LYL, **Pauley T, Dilkas S, Devlin M**. Does size matter? Examining the effect of obesity on inpatient amputation rehabilitation outcomes. Disability and Rehabilitation, Feb 17, 2016 (published online),

Professional Practice

Janes, N., Cowie, B., Bell, K., Deratnay, P. and Fourie, C. (2015) Revealing and acting on patient care experiences: exploring the use of Photovoice in practice development work through case study methodology, *International Practice Development Journal* 5 (Suppl) [11]

LeBlanc, K, Alam, T., Langemo, D., Baranoski, S, Campbell, K., **Woo, K.** Clinical Challenges of Differentiating Skin Tears from Pressure Ulcers. Accepted for publication January 20, 2016 EWMA Journal.

LeBlanc K, Baranoski S, Christensen D, Langemo D, Edwards K, Holloway S, Gloeckner M, Williams A, Campbell K, Alam T, **Woo KY.** The Art of Dressing Selection: A Consensus Statement on Skin Tears and Best Practice. *Adv Sk in Wound Care.* 2016 Jan;29(1):32-46.

Lowe J, Sibbald RG, Taha NY, Lebovic G, Martic C, Bhoj I, Kirton R, Ostrow B; Guyana Diabetes and Foot Care Project Team. The Guyana Diabetes and Foot Care Project: a complex quality improvement intervention to decrease diabetes-related major lower extremity amputations and improve diabetes care in a lower-middle-income country. *PLoS Med.* 2015 Apr 21;12(4):e1001814. doi: 10.1371/journal.pmed.1001814.

Tsang KK, Kwong EW, **Woo KY,** To TS, Chung JW, and Wong TK. The Anti-Inflammatory and Antibacterial Action of Nanocrystalline Silver and Manuka Honey on the Molecular Alteration of Diabetic Foot Ulcer: A Comprehensive Literature Review. *Evidence-Based Complementary and Alternative Medicine.* Volume 2015 (2015), <http://dx.doi.org/10.1155/2015/218283>.

Woo KY, Sears K. Knowledge, Attitude, and Practice in the Management of Mixed Arteriovenous Leg Ulcers. *Int J Low Extrem Wounds.* 2016 Jan 24. pii: 1534734615626626. [Epub ahead of print]

Woo KY, Sears K, Almost J, Wilson R, Whitehead M, VanDenKerkhof EG. Exploration of pressure ulcer and related skin problems across the spectrum of health care settings in Ontario using administrative data. *Int Wound J.* 2015 Nov 20. doi: 10.1111/iwj.12535. [Epub ahead of print]

Woo KY, Brandys TM, Marin JA. Assessing chronic wound perfusion in the lower extremity: current and emerging approaches. *Chronic Wound Care Management and Research.* Volume 2015:2 Pages 149—157. DOI <http://dx.doi.org/10.2147/CWCMR.S60326>

Woo KY, LeBlanc K, Livingston M. Management of venous stasis ulcers in the older adult. *Curr Geri Rep* (2015). 4: 229-236.

Woo KY. Unraveling nocebo effect: the mediating effect of anxiety between anticipation and pain at wound dressing change. *J Clin Nurs.* 2015 Jul;24(13-14):1975-84. doi: 10.1111/jocn.12858.

Woo KY, Kwong EW, Jimenez C, Bishop R. Topical Agents and Dressings for Pilonidal Sinus Wound Healing by Secondary Intention: A scoping Review. *Surg Technol Int.* 2015 May;26:57-63.

Woo KY, Krasner DL, Kennedy B, Wardle D, Moir O. Palliative wound care management strategies for palliative patients and their circles of care. *Adv Skin Wound Care.* 2015 Mar;28(3):130-40; quiz 140-2. doi: 10.1097/01.ASW.0000461116.13218.43

Other

Pauley, T., Gargaro, J., Falode, A., Beben, N., Sikharulidze, L., Mekinda, B. (2016). Evaluation of an integrated cluster care and supportive housing model for unstably housed persons using the shelter system. *Professional Case Management*, 21(1):34-42.

2.0 JOURNAL PUBLICATIONS (ABSTRACTS)

Respiratory Rehab

Majd S, Dolmage TE, Green RH, Bradding P, Singh SJ, Evans RA. [abstract] Is it feasible to assess dynamic hyperinflation during an incremental treadmill test in patients with severe asthma? *Thorax* 2015;70:A57-A57.

3.0 PEER REVIEWED PUBLICATIONS (IN PRESS, SUBMITTED, UNDER REVIEW)

Respiratory Rehab

Desveaux L, Goldstein R, Mathur S, Hassan A, Devlin M, Pauley T, Brooks, D. Physical activity in diabetic adults following prosthetic rehabilitation. *Can J Diabetes* (in press)

Evans RA, Kaplovitch E, Beauchamp MK, Dolmage TE, Goldstein RS, Gillies CL, Brooks D, Mathur S. Is quadriceps endurance reduced in COPD? A systematic review. *Chest*. 2015;147(3):673-684. doi: 10.1378/chest.14-1079. Review.

Evans RA, Dolmage TE, Robles PG, Brooks D, Goldstein R. The effects of exercise modality and intensity on energy expenditure and cardiorespiratory response in adults with obesity and treated obstructive sleep apnoea. *Chronic Respiratory Disease* (in press)

Harrison S, Robertson N, Goldstein R, Brooks D. Exploring Self-Conscious Emotions in Individuals with Chronic Obstructive Pulmonary Disease: A Mixed-Methods Study. *Chronic Respiratory Disease* (in press)

Harrison SL, Goldstein RS. Exploring the views of individuals with chronic obstructive pulmonary disease on the use of rollators: A qualitative study. *Journal of Cardiopulmonary Rehabilitation and Prevention*. 2016 Mar. In Press.

Janaudis-Ferreira T, Araujo T, Romano JM, Camp P, Hall M, Mathur S, Brooks D. Perspectives of Canadian final-year physiotherapy students on cardiorespiratory physiotherapy as a career choice. *Physiotherapy Canada* (in Press)

Lee AL, Hill CJ, McDonald CF, Holland AE. Pulmonary rehabilitation for non-cystic fibrosis bronchiectasis – a systematic review. *Archives of Physical Medicine and Rehabilitation* (accepted March 30, 2016)

Lee AL, Zabjek K, Goldstein RS, Brooks D. Systematic review of postural assessment in individuals with obstructive respiratory conditions – measurement and clinical associations. *Journal of Cardiopulmonary Rehabilitation and Prevention* (accepted March 2016, in press).

Robles PG, Araujo T, Brooks D, Janaudis-Ferreira T, Marzolini S, Zabjek, Karl, Goldstein RS, Mathur S. Cardiorespiratory Responses to Short Bouts of Resistance Training Exercises in People with COPD: a comparison of exercise intensities. *Journal of Cardiopulmonary Rehabilitation and Prevention* (in press)

Acquired Brain Injury

Gargaro, J., Gerber, G., McMackin, S. Community Integration and Quality of Life Following Acquired Brain Injury for Persons Living at Home. *Brain Injury*. Accepted and in press.

Gargaro, J., Gerber, G.J., & Nir, P. Brain injury in persons with serious mental illness who are homeless: Could this impact how services are delivered? *Canadian Journal of Community Mental Health*. Accepted and in press.

Other

Pauley, T., Gargaro, J., Chenard, G., Cavanagh, H., McKay, S. A single-blind randomized controlled trial investigating a paraprofessional-led self-management education coaching program for community-dwelling patients with type 2 diabetes prescribed insulin. *Home Health Care Services Quarterly*. Submitted.

4.0 OTHER PUBLICATIONS

Respiratory Rehab

Ambrosino N, Casaburi R, Chetta A, Clinici E, Donner C, Dreher M, **Goldstein RS**, Jubran A, Nici L, Owen C, Rochester C, Tobin M, Vaghegini G, Vitacca M, ZuWallack R. 8th International conference on management and rehabilitation of chronic respiratory failure: the long summaries - part 1. *Multidisciplinary Respiratory Medicine*. 2015; 10(31).

Bell C, Chan C, Madeley C, Kaplan A, Allen C, **Brooks D**, Fan E, Hentschel E, Whitehead L, McFadden R, **Goldstein R**, Jackson L, Leblanc L, McIntyre M, Bartlett A, Gershon A, Coutts D, Hill E, Travassos F, Nelson S, Fraser I, Pugsley S. Quality Indicators for Chronic Obstructive Pulmonary Disease Quality-Based Procedures: Baseline Results. Technical Writings/Reports. 2015 Sep. Ontario Ministry of Health and Long-Term Care.

Goldstein RS. Rates of women with COPD skyrockets as more women take up smoking. Newspaper article. *The Toronto Star*, April 18 2016.

Lee A, Goldstein RS. Non-pharmacologic treatment of COPD. 100 Key questions on chronic obstructive pulmonary disease (COPD). Book chapter (in press)

Lee A, Goldstein RS. The Role of Telemedicine in Controversies in COPD. Book chapter. *ERS Books* - in press

Lee AL, Goldstein RS. The Role of Telemedicine in COPD. .In *Controversies in COPD*. *European Respiratory Monograph*, 2015; 69: 1–28.

Suter, L. Conversations on the Importance of Involving Patients and Families in the Patient Safety Journey. Book Chapter. Influencing the Quality, Risk and Safety Movement in Healthcare: In Conversation with International Leaders. Surrey, England, Ashgate Publishing.

Professional Practice

Woo KY., VanDenKerkhof E., & Jimenez C. (2015). Quality of life and chronic wound care. In: Baranoski, S., Ayello, E.A. editors. Wound Care Essentials: Practice Principles 4th edition. Philadelphia, Lippincott Williams & Wilkins.

5.0 PRESENTATIONS AT LOCAL-NATIONAL-INTERNATIONAL MEETINGS

Respiratory Rehab

AL Lee .Plenary session: pain in COPD - prevalence and clinical associations .Canadian Respiratory Conference, Ottawa, April 2015

AL Lee Pulmonary rehabilitation in conditions other than COPD – adaptations and innovations .Rehabilitation Rounds, Rehabilitation Sciences, University of Toronto, Toronto, 2016

AL Lee Pulmonary rehabilitation in conditions other than COPD – adaptations and innovations .Centre for Heart Lung Innovation, University of British Columbia and St Paul’s Hospital.

Beauchamp M, Harrison S, Goldstein RS, Brooks D. Interpretability of change scores in measures of balance in people with COPD..2015 American Thoracic Society. Denver, CO2015 May

Brooks D. Planning a WCPT congress - Have your say: help shape future congresses.World Confederation for Physical Therapy. Singapore, Republic of Singapore, 2015 May 4

Brooks D. State of the Art - Cardiorespiratory.World Confederation for Physical Therapy. Singapore, Republic of Singapore, 2015 May 4

Dubois-Webster, J. Telehealth in Respiratory Rehabilitation in Long Term Ventilation. GTA Rehab Network Best Practices Day, Toronto, ON. May 1, 2015

Goldstein RS. Common comorbidities associated with COPD and pulmonary rehabilitation..American Thoracic Society. Denver, Colorado, United States. C8 - Scientific Symposium - Crossing specialty boundaries: COPD, comorbidities and pulmonary rehabilitation.2015 May

Goldstein RS. COPD Exacerbations: Admission, discharge and enrollment in pulmonary rehabilitation: Challenges and Opportunities. RS, Gupta S..American College of Chest Physicians. Montreal, Quebec2015 Oct

Goldstein RS. Exploring the COPD Clinical Pathway. .Ontario Medical Association / Ontario Hospital Association, Toronto, Ontario.2015 Jun

Goldstein RS. Milestones in pulmonary rehabilitation. and the Trudeau Society of Los Angeles invited Dr. Goldstein to be their Sam Sills Distinguished Scholar for 2015..City Wide Pulmonary Meeting (Trudeau Society, Veteran's Administration & Cedars Sinai). Los Angeles, California, United States. Breathe California of Los Angeles County 2015 Apr

Goldstein RS. Moving through the spectrum of care for long term ventilation - summary and conclusions..8th International conference on management and rehabilitation of chronic respiratory failure. Pescara, Abruzzo, Italy.2015 May

Goldstein RS. Physiatry Academic Half Day Lecture. .Toronto Rehabilitation Institute. Toronto, Ontario.2015 Mar

Goldstein RS. Pulmonary rehabilitation: where from and where to? Cedars-Sinai Pulmonary Grand Rounds. Los Angeles, California, United States. Breathe California of Los Angeles County and the Trudeau Society of Los Angeles invited Dr. Goldstein to be their Sam Sills Distinguished Scholar for 2015.2015 Apr

Goldstein RS. Readmission reduction in COPD. Leveraging the power of telemedicine. .American College of Chest Physicians. Montreal, Quebec2015 Oct

Goldstein RS. Reducing hospitalization for acute exacerbation of COPD.Angelos invited Dr. Goldstein to be their Sam Sills Distinguished Scholar for 2015..Harbor-UCLA Medical Grand Rounds. Los Angeles, California, United States. Breathe California of Los Angeles County and the Trudeau Society of Los Angeles2015 Apr

Goldstein RS. Rehabilitation of patients with Interstitial Pulmonary Fibrosis. .American College of Chest Physicians. Montreal, Quebec2015 Oct

Goldstein RS. Steps in Pulmonary Rehabilitation. .Toronto East Respiriology Journal Club. Toronto, Ontario.2015 Jun

Goldstein RS. Telehealth. A new horizon West LA Veteran's Administration Grand Rounds. Los Angeles, California, United States. Breathe California of Los Angeles County and the Trudeau Society of Los Angeles invited Dr. Goldstein to be their Sam Sills Distinguished Scholar for 2015.2015 Apr

Goldstein RS. The COPD Crisis in Long Term Care. .Ontario Long Term Care Association. Toronto, Ontario.2015 Nov

Goldstein RS. What approaches might be worthy of consideration?.American Thoracic Society. Denver, Colorado, United States. A88 - Scientific Symposium - Managing an acute exacerbation of COPD: Is pulmonary rehabilitation the solution?.2015 May

Goldstein RS. World COPD Day. Pulmonary Rehabilitation - Where from and Where to?.AstraZeneca Canada. London, Ontario.2015 Jun

Harrison S, Goldstein RS. Self-conscious emotions in patients with chronic obstructive pulmonary disease..2015 American Thoracic Society. Denver, CO2015 May

Larsen T, Athaide R, Follett M, Fong T, McQueen M, **Lee AL**, Lucy D.. Efficacy of inspiratory muscle training with a threshold device in weaning mechanically ventilated patients: a meta-analysis. Canadian Respiratory Conference, Halifax, 2016.

Lee AL, Desveaux L, Goldstein RS, Brooks D .Distractive auditory stimuli in the form of music in COPD: a systematic review. American Thoracic Society, Denver, 2015

Lee AI, Harrison SL, Goldstein RG, Brooks D. An exploration of pain experiences and their meaning in people with COPD .Ontario Respiratory Care Society Better Breathing Conference, Toronto, January 2016

Lee AL, Harrison SL, Goldstein RS, Brooks D. “Who wants to hurt? – A qualitative exploration of pain and its experience in individuals with COPD. Canadian Respiratory Conference, Halifax, 2016.

Mathur S, Mendes P, Janaudis-Ferreira T, Wickerson LM, Helm D, Brooks D, Singer LG. Persistent skeletal muscle weakness and atrophy after lung transplantation.ATS, Denver, Colorado, United States, May 2015

Majd S, **Dolmage TE**, Green RH, et al. [abstract] Is it feasible to assess dynamic hyperinflation during an incremental treadmill test in patients with severe asthma? Thorax 2015; 70:A57-A57 BTS WINTER MEETING 2015, London UK

Michieli S, Robson M, Veens J, Vokes O, Lucy SD, **Lee A, Brooks D**, Larsen T. .A Systematic Review of the Effect of Early Mobility as a Physiotherapy Treatment for Pneumonia. .Canadian Respiratory Conference, Halifax, 2016.

Reilly TS, Majd S, Popat B, et al. [abstract] Exercise responses to one-legged cycling in patients with idiopathic pulmonary fibrosis. Thorax 2015; 70:a143-a144 BTS WINTER MEETING 2015, London UK

Spasticity/Neuro

Fennell J, **Phadke C**, Mochizuki G, **Ismail F, Boulias C**. Shoulder retractor strengthening exercises to minimize rhomboid activity..Canadian Association of Physical Medicine and Rehabilitation Annual Conference, June 2015, Vancouver, BC, Canada

Hadian MR, Mohammadi R, Talebian S, **Phadke CP**, Yekaninejad MS. The Effects of Treadmill Incline and Speed on Ankle Muscle Activity in Middle-aged Adults.8th International Congress in Neurorestoratology, April 27 – 29, 2015, Tehran, Iran

Jang Y, Park G, Park J, Choi A, Kim SY, **Boulias C, Phadke CP, Ismail F**, Im S.Physicians' preference of bleeding risk control in Botulinum toxin intramuscular injection in Korea.The 1st Asia-Oceanian Congress for NeuroRehabilitation September 3 - 5, 2015, Grand Hilton Seoul, Korea

Kassam A, **Phadke C**, Jang Y, Im S, On AY, **Ismail F, Boulias C**.An international study of spasticity management with botulinum toxin injections in anticoagulated patients.9th World Congress of the International Society of Physical and Rehabilitation Medicine, 19 – 23 June 2015, Berlin, Germany

Mohammadi R, Hadian MR, Talebian S, **Phadke CP**, Yekaninejad MS. Ankle muscle activity during walking by variant parameters: comparison between post-stroke patients and healthy groups. 1st European Congress in Neurology, June 20-23, 2015, Berlin, Germany

Mohammadi R, Hadian MR, Talebian S, **Phadke CP**, Yekaninejad MS. How does ankle muscle activity in post stroke patients alter while locomotor intensity changes? .International Congress in Neurology, May 12-15, 2015, Tehran, Iran

Mohammadi R, Hadian MR, Talebian S, **Phadke CP**, Yekaninejad MS. The Effects of Treadmill Incline and Speed on Ankle Muscle Activity in Patients Post-Stroke. 8th International Congress in Neurorestoratology, April 27 – 29, 2015, Tehran, Iran

Phadke CP, Davidson C, **Pauley T**, Sharma S, **Ismail F**, **Boulias C**. Functional Impact of Ankle Clonus Based on Patient Perceptions. American College of Rehabilitation Medicine, Annual Conference, October 25 - 30, 2015, Dallas, Texas, USA

Phadke CP, Mochizuki G, Gage, WH, Gouelle A, Sosnoff J, Rahimzadeh Khiabani R, **Ismail F**, **Boulias C**. Are Persons With Spasticity after Stroke And Multiple Sclerosis More Imbalanced? .American College of Rehabilitation Medicine, Annual Conference, October 25 - 30, 2015, Dallas, Texas, USA

Phadke, C. Role of arm cycling in reducing spasticity. Research and Progress Rounds, Department of Physical Therapy, University of Toronto, Faculty of Medicine, Toronto, Canada, April 2nd, 2015

Phadke, C. Neurophysiologic impact of walking aids in persons with motor incomplete spinal cord injury. The Jousse Lecture Series, Lyndhurst Centre, Toronto Rehabilitation Institute – UHN, Toronto, Canada, February 18th, 2016

Phadke, C. Building Collaborations between Clinicians and Researchers. Journal Club presentation, Muscle Function and Performance Lab (Dr. Sunita Mathur), Department of Physical Therapy, University of Toronto, Toronto, ON, Canada, November 12th 2015

Phadke, C. Journey from physiotherapy to neuroscience. Neuroscience Graduate Diploma Program – Meet the Neuroscientist series with 1st Year Neuroscience students, York University, Toronto, Canada, September 25th, 2015

Phadke, C. Neurophysiological mechanisms underlying spasticity assessment and treatment. York University, Toronto, Canada, September 25th, 2015

Phadke, C. Role of physiotherapists in the future. Video address at the World Physiotherapy Day celebration in All India Institute of Physical Medicine and Rehabilitation (AIIPMR), September 8th 2015

Rahimzadeh Khiabani R, Hussain K, **Ismail F**, **Boulias C**, Adkin A, Gage WH, **Phadke CP**. Impact of Spasticity on Balance Control During Quiet Standing in Persons Post-Stroke. International Society for Posture and Research conference, June 29th, 2015, Seville, Spain

Reid S, Phadke CP. Improving the tone: Current PT intervention in spasticity management. Symposium presentation, CPA (Canadian Physiotherapy Association) Congress 2015, Halifax, Nova Scotia, Canada, June 19th, 2015

Shaikh A, **Phadke CP, Ismail F, Boulias C.** Is Spasticity causing Pain? A Cross-sectional Survey of Patient Perception. American College of Rehabilitation Medicine, Annual Conference, October 25 - 30, 2015, Dallas, Texas, USA

Taylor J, Inirio D, **Phadke CP, Nair P.** The impact of cycling exercise on physiological, functional and psychosocial outcomes in persons with multiple sclerosis: a systematic review. Combined Sections Meeting, APTA, Anaheim, California, USA

Wijekoon S, Tran-Nguyen K, Miller M, Martin LM, **Lyons L, Ismail F, Boulias C, Phadke CP.** Seasonal variations in spasticity, botulinum toxin dose, outdoor activities, and associated barriers. American College of Rehabilitation Medicine, Annual Conference, October 25 - 30, 2015, Dallas, Texas, USA

Amputee Rehab

Mandel A, Paul K, **Paner R, Devlin M, Dilkas S, Pauley T.** (2016). Balance confidence and activity of community-dwelling patients with transtibial amputation. 9th World Congress of the International Society of Physical and Rehabilitation Medicine, 19 - 23 June 2015, Maritim Hotel, Berlin.

Pauley T, Mandel A, Paul K, Paner R, Devlin M, Dilkas S. Balance confidence and activity of community-dwelling patients with transtibial amputation. GTA Network's Best Practice Day, May 2, 2016. Toronto, Canada.

Paner R, Vivas L, Pauley T, Devlin M, Dilkas S. Does Size Matter? Examining the effect of obesity on inpatient amputation rehabilitation outcomes. GTA Network's Best Practice Day, May 2, 2016. Toronto, Canada.

Professional Practice

Cowie, B., October 30th & 31st, 2015. Lunch With the Professors Sessions, Managing Urinary Incontinence, 2015 Geriatrics Update, Mount Sinai Hospital and University Health Network Hospitals, Toronto.

Whitby, C., Cowie, B. October 29, 2015. Comfort Conversations in Complex Continuing Care. Poster. 2015 Canadian Hospice Palliative Care Conference: New Challenges - New Horizons: Moving Forward, Ottawa.

Whitby, C., Cowie, B. September 27, 2015. Comfort Conversations in Complex Continuing Care. Poster. 3rd Annual TVN Conference on Improving Care for Frail Elderly Canadians, Toronto.

Acquired Brain Injury

Other

Burke, KS; **Whitby, C.**Environmental Factors Impacting Delirium in a Rehabilitation Setting: An Audit and Implementation Process for Improvement.RNAO BPSO, Toronto Mar 10, 2016

Burke, KS; **Whitby, C;** LeGresley, L..Environmental Factors Impacting Delirium in a Rehabilitation Setting: An Audit and Implementation Process for Improvement.Senior Friendly Hospital ACTION Program: Accelerating Change Together in Ontario, Toronto , Jan 19, 2016

Fraser, J. CHARTING NEW GROUND: Interprofessional approaches to Dysphagia Management.Canadian Association of Occupational Therapists, Dieticians of Canada, Speech-Language and Audiology Canada, Oct 4-6, 2016, Toronto ON

Malek, A-M. Greening Health Care - Sustainability Forum. May 27, 2015

Malek, A-M. Greening Health Care Workshop, Toronto Region and Conservation Authority . September 30, 2016

Malek, A-M. National Healthcare Leadership Conference, Ottawa – “Transforming the Health System for the Care of Long Term Vent Individuals” June 6, 2016

Naik K, Noble S, Rupnarain E. Antibiotic Resistant Organisms (AROs) - Are We Doing Enough In A Complex Continuing Care Setting? IPAC Canada 2016 National Education Conference. May 15-18, 2015

6.0 NEW STUDIES

Respiratory Rehab

Beauchamp M, Brooks D, Goldstein, Pugsley S, Richardson J. Pilot study of a tailored home balance exercise program for reducing falls in older adults with COPD

Funding Source: Teesside University

Amount: \$8848

Brooks D, Lee A, Goldstein R, O'Hoski S, Varadi R, Butler S. Does pulmonary rehabilitation relieve or aggravate pain in COPD

Funding Source: McMaster Labarge Optimal Aging Initiative, Ontario Lung Association

Amount: \$78,000, \$9,135

Dolmage TE, Dubois-Webster J, Brooks D, Lee A, Goldstein RS. Leg Muscle Activity and Sensation During Upright Partitioned Exercise Compared to Walking: Propulsion of a 3-wheeled Scooter by Patients with COPD

Funding Source: None

Amount: N/A

Brooks D, Lee A, Dolmage TE, Goldstein RS. What is the effect of listening to music during a high-intensity endurance exercise test in people with chronic obstructive pulmonary disease?

Funding Source: None

Amount: N/A

Ferreira, L. Barriers to community reintegration for Stroke Survivors

Funding Source: None

Amount: N/A

Goldstein R, Lee A. Development and validation of a Canadian version of health literacy measurement tool for chronic disease management

Funding Source: Teesside University

Amount: \$8848

Harrison S, Lee A, Brooks D, Goldstein R, Hin A. The views of health care providers and individuals with COPD on the role of pain in pulmonary rehabilitation

Funding Source: Teesside University

Amount: Unknown

Spasticity/Neuro

Aqui A, Mansfeld A, Brooks D. Learning not to fall: perturbation training to promote safe independent mobility post-stroke

Funding Source: CIHR

Amount: Unknown (external study)

Bontempo, T, Chan K, Ismail F, Phadke CP, Boulias C. Factors predicting length of stay in patients with ABI

Funding Source:

Amount:

Thanilachalam V, Phadke CP, Ismail F, Boulias, C. Prevalance of major bleeding complications in anticoagulated patients post-stroke

Funding Source: Merz Pharma

Amount: \$15,000

Urache L, Phadke CP, Ismail F, Boulias C, Gerson, Mathur S. Impact of passive cycling on spasticity - Systematic review

Funding Source: None

Amount: N/A

McEwan S, Linkewich E, Donald M, Dawson D, Madan-Sharma P. Building Capacity in the System to Support Persons with Stroke and Cognitive Impairment: An Evidence-based, Multi-faceted, Knowledge Translation Approach

Funding Source: CIHR Partnership for Health System Improvement: 2014-2015

Amount: &111,111

Mochizuki G, Gage WH, Cramp J, Phadke CP, Ismail F, Boulias C. Balance and botulinum toxin

Funding Source: None

Amount: N/A

Reid S, Sasaki A, Lyons L, Ismail F, Phadke CP, Boulias C. Growth of the Spasticity Research Program

Funding Source: CIHR

Amount: \$1,900

Reid S, Bosnyak S. Evaluating the achievement of length of stay targets based on stroke severity guidelines in an inpatient rehabilitation hospital in Ontario, Canada

Funding Source: None

Amount: N/A

Thanilachalam, V, Phadke CP, Ismail F, Boulias, C. Clonus and botulinum toxin - systematic review

Funding Source: None

Amount: N/A

ACQUIRED BRAIN INJURY

OTHER

Brown D, Bell K. The Beliefs of Recreation Therapists Regarding the Efficacy of Board Games as a Therapeutic Modality

Funding Source: None

Amount: N/A

8.0 AWARDS

Brooks, D. WCPT International Service Award, International Confederation of Cardiorespiratory Physical Therapists. April 2015.

Brooks, D. Silver Quill Award, Canadian Community Newspapers Association. July 2015.

Brooks, D. Silver Quill Research Article Award, Canadian Physiotherapy Association. July 2015.

Goldstein, R. Thomas L. Petty Distinguished Pulmonary Scholar Award, American Association of Cardiovascular and Pulmonary Rehabilitation (AACVPR), Washington, DC. September 2015.

Goldstein, R. ATS Assembly on Pulmonary Rehabilitation. May 2016.

Whitby, C. Faculty of Health Sciences Research Plenary Graduate Program Award, 2016.