



Recent Publications

Gross DP, Park JY, Rayani F, Norris CM, Esmail S. Motivational Interviewing Improves Sustainable Return to Work for Injured Workers After Rehabilitation: A Cluster Randomized Control Trial. *Archives of Physical Medicine and Rehabilitation*, 98: 2355-63, 2017.

Suman A, Bostick GP, Schopflocher D, Russell AS, Ferrari R, Battie MC, Hu R, Buchbinder R, **Gross DP**. Long-Term Evaluation of a Canadian Back Pain Mass Media Campaign. *European Spine Journal*, 26:2467-2474, 2017.

Berube ME, Poitras P, Bastien M, Laliberte LA, Lacharite A, **Gross DP**. Strategies to Translate Knowledge Related to Common Musculoskeletal Conditions Into Physiotherapy Practice: A Systematic Review. *Physiotherapy*, 104:1-8, 2018.

Gross DP, Armijo-Olivo S, Shaw WS, Williams-Whitt K, Shaw NT, Hartvigsen J, Qin Z, Ha C, Woodhouse LJ, Steenstra IA. Clinical Decision Support Tools for Selecting Interventions for Patients with Disabling Musculoskeletal Disorders: A Scoping Review. *Journal of Occupational Rehabilitation*, 26:286-318, 2016.

Douglas P. Gross, PhD, BScPT

- Professor, Faculty of Rehabilitation Medicine, Department of Physical Therapy, University of Alberta
- Director, Rehabilitation Research Centre, University of Alberta
- Research Affiliate, Glenrose Rehabilitation Hospital

Dr. Douglas Gross is a Professor in the Department of Physical Therapy at the University of Alberta in Edmonton, Alberta. He is also director of the Rehabilitation Research Centre, a result consulting organization at the University of Alberta. He also serves as Research Affiliate at the Glenrose Rehabilitation Hospital and co-chair of the Alberta Rehabilitation Research Council. Doug's research focuses on preventing disability in people with musculoskeletal conditions. This

includes investigating the effectiveness of clinical and public health interventions, factors leading to work disability, and the use of clinical decision support tools. He has given numerous national and international presentations and published over 100 articles and book chapters. Dr. Gross collaborates widely with national and international researchers in work disability prevention and his teams have been the recipients of several awards for research excellence.

Clinical Implications of Research:

Dr. Gross' research informs more precise targeting of rehabilitation services for those most likely to benefit. He has developed several prediction tools and a clinical decision support tool for identifying which patients are most likely to succeed with rehabilitation, allowing more informed policy regarding allocation of resources. His research also has several clinical implications for decisions regarding readiness to return to work, which are routinely made by physical and occupational therapists.

Inspiration/Vision Statement:

Through research and education Dr. Gross has developed rehabilitation approaches to enhance quality of life and function for the populations he serves. Together with his students, co-investigators and community partners, he works collaboratively to discover and translate innovation that advances clinical practice and health outcomes.