

AWARD-WINNING ARTICLES AND POSTERS FROM THE WORLD FEDERATION OF CHIROPRACTIC'S 12TH BIENNIAL CONGRESS 2013

Scott Haldeman, DC, MD, PhD,^a and David Chapman-Smith, LLB (Hons)^b

ABSTRACT

This editorial reviews the original research submissions to the World Federation of Chiropractic's 12th Biennial Congress held in Durban, South Africa from April 10 – 13, 2013, and the four award-winning scientific articles in the NCMIC Louis Sportelli Research Awards competition at the Congress which are published in this issue of the *Journal of Manipulative and Physiological Therapeutics*. (J Manipulative Physiol Ther 2014;37:1-6)

Key Indexing Term: *Chiropractic*

A central highlight of the World Federation of Chiropractic's (WFC's) Biennial Congress is the scientific program including original research presentations by scientists from around the world. These sessions have been part of the WFC's Biennial Congress since the first Congress held 1991.¹ The call for research abstracts was open to all researchers conducting research into spinal and other neuromusculoskeletal disorders in addition to all research matters that relate to chiropractic practice.

During the 12th Biennial Congress held in Durban, South Africa, from April 10 to 13, 2013, from out of all of the scientific presentations, 14 research awards were selected that demonstrated exemplary work and contribution. Four articles and 10 poster awards were selected. At this Congress, the research paper awards were renamed the NCMIC Louis Sportelli Research Awards. This was done in recognition of NCMIC President Dr Louis Sportelli for the funding support from the NCMIC Group since 2009, his

leadership in supporting research, and his service as WFC President from 1998 to 2000.

For the Durban Congress, a total of 173 abstracts were submitted in response to the call for abstract submissions. These submissions were in the categories of basic sciences (23), clinical management (71), diagnostic sciences (28), and special interests (51). They were submitted from 14 countries: Australia, Brazil, Canada, Denmark, Israel, Malaysia, New Zealand, Norway, Republic of Korea, South Africa, Spain, Switzerland, United Kingdom, and the United States.

The judging of abstracts and poster presentations was completed by members of the WFC Research Council; Dr Claire Johnson, Editor in Chief, *Journal of Manipulative and Physiological Therapeutics (JMPT)* and WFC Research Council Executive Secretary; and others as listed in Figure 1. Thirty-two abstracts were accepted for platform presentation, 85 were accepted for poster presentation, and these abstracts were published in the WFC Proceedings and the *Journal of Chiropractic Medicine*.²

Authors of the abstracts selected for both poster and platform presentation were invited to participate in the paper awards competition. In order to participate, researchers were required to submit full manuscripts for consideration. These articles were then evaluated by the WFC Scientific Paper Judging Committee (Fig 1). Awards were determined using the following criteria: quality, relevance, and applicability of the research to chiropractic.

Four awards totaling US\$27,500, which were generously sponsored by the NCMIC Group, were given. The authors of these award winning articles presented summaries of their research to the entire Congress at the

^a Chairman, Research Council, World Federation of Chiropractic, Department of Neurology, University of California, Irvine, Calif.

^b Secretary General, World Federation of Chiropractic, Toronto, Ontario, Canada.

Submit requests for reprints to: Scott Haldeman, DC, MD, PhD, Chairman, Research Council, World Federation of Chiropractic, 801 North Tustin Ave, Santa Ana, CA 92705 (e-mail: Haldemanmd@aol.com).

0161-4754/\$36.00

Copyright © 2014 by National University of Health Sciences.
<http://dx.doi.org/10.1016/j.jmpt.2013.11.001>

Table 1. WFC award-winning articles including the 2013 NCMIC Louis Sportelli Research Awards

Year and location	Prize	Title and authors	Country
2013—Durban, South Africa	1 ^a	<i>Examination of the relationship between theory-driven policies and allowed lost-time back claims in workers' compensation: a system dynamics model</i> Wong JJ, McGregor M, Mior SA, Loisel P	Canada
	2	<i>Changes in vertebral artery blood flow following various head positions and cervical spine manipulation</i> Quesnele JJ, Triano JJ, Noseworthy MD, Wells GD	Canada
	3	<i>Neural responses of posterior to anterior movement on lumbar vertebrae: a functional magnetic resonance imaging study</i> Meier ML, Hotz-Boendermaker S, Boendermaker B, Luechinger R, Humphreys BK	Switzerland
	PP	<i>Evidence-based guidelines for the chiropractic treatment of adults with neck pain</i> Bryans R, Decina P, Descarreaux M, Duranleau M, Marcoux H, Potter B, Ruegg RP, Shaw L, Watkin R, White E	Canada
2011—Rio de Janeiro, Brazil	1 ^a	<i>Chiropractic treatment versus self-management in patients with musculoskeletal chest pain. a randomised controlled trial</i> Stochkendahl MJ, Christensen HW, Vach W, Flemming Hoiland-Carlsen P, Haghfelt T, Hartvigsen T	Denmark
	2	<i>Evaluation of mechanical sensitivity in an animal model of immobilization using the Von Frey method</i> Trierweiler J, Negrini Göttert D, Gehlen G	Brazil
	3	<i>Intra-oral chiropractic craniomandibular technique for chronic myogenous TMD: a randomized controlled trial</i> Kalamir A, Bonello R, Vitiello A	Australia
	PP	<i>Effects of cervical manipulative vertebral therapy on judo athletes grip strength</i> Botelho M, Andrade B	Brazil
2009—Montreal, Canada	1 ^a	<i>Motor neuronal degeneration following knee joint immobilization in the guinea-pig: an animal model of vertebral subluxation complex</i> He S, Dishman V	USA
	2	<i>The association between low-back pain and osteoarthritis of the hip and knee; a population-based cohort study</i> Stupar M, Côté P, French M, Hawker G	Canada
	3	<i>Physical exam and self-reported pain outcomes from a randomized trial on chronic cervicogenic headache</i> Vavrek D, Haas M, Peterson D	USA
2007—Vilamoura, Portugal	1 ^a	<i>Predictors of adverse reactions following chiropractic care for patients with neck pain</i> Rubinstein S, Leboeuf-Yde C, Knol D, de Koekkoek T, Pfeifle C, van Tulder M	The Netherlands
	2	<i>Economic and resource status of the chiropractic profession in Ontario, Canada: a threat or an opportunity</i> Mior S, Laporte A	Canada
	3	<i>Altered sensorimotor integration with cervical spine manipulation</i> Haavik H, Murphy B	Australia
2005—Sydney, Australia	1 ^a	<i>Spinal manipulation reduces pain and hyperalgesia following lumbar intervertebral foramen inflammation in the rat</i> Song X, PhD, Gan Q, Cao J	USA
	2	<i>Spinal manipulative therapy reduces inflammatory cytokines but not substance P production in normal subjects</i> Injeyan S, Teodorczyk-Injeyan JA, Ruegg R	Canada
	3	<i>Paraspinal muscle spindle responses to the duration of a spinal manipulation under force control</i> Pickar JG, Kong Y	USA
2003—Orlando, Florida	1 ^a	<i>Biomechanical and neurophysiological responses to spinal manipulation in patients with lumbar radiculopathy</i> Colloca CJ, Keller TS, Gunzberg R	USA
	2	<i>Adverse reactions to chiropractic treatment and their efforts on satisfaction and clinical outcomes among patients enrolled in the UCLA Neck Pain Study</i> Hurwitz EL, Morgenstem H, Vassilaki M, Chiang L	USA
	3	<i>Assessing the clinical significance of change scores recorded on subjective outcome measures</i> Hurst H, Bolton J	UK
	PP	<i>Guidance hypothesis with verbal feedback in learning a palpation skill</i> Pringle RK	USA
2001—Paris, France	1 ^a	<i>Central motor excitability changes following spinal manipulation: a transcranial magnetic stimulation study</i> Dishman JD, Ball KA, Burke J	USA

Download English Version:

<https://daneshyari.com/en/article/2620669>

Download Persian Version:

<https://daneshyari.com/article/2620669>

[Daneshyari.com](https://daneshyari.com)