

CANADIAN CHIROPRACTIC ASSOCIATION

President Jeff Warren, BSc, DC

JCCA STAFF

Editor Allan Gotlib, C.M., BSc, DC

Canadian Chiropractic Association, Toronto, Ontario

Associate Editors Jeff Quon, DC, PhD

School of Population & Public Health

Faculty of Medicine, University of British Columbia

Kent Stuber, DC, MSc

Calgary, Alberta

Assistant Editors André Bussières, DC, FCCS(C), PhD

Faculty of Medicine, McGill University

Département chiropratique, Université du Québec à Trois-Rivières

Pierre Côté, DC, PhD

University of Ontario Institute of Technology

Gregory N Kawchuk, DC, PhD University of Alberta, Edmonton, Alberta

Dana J. Lawrence, DC, MMedEd, MA Palmer College of Chiropractic Davenport, Iowa

John J. Triano, DC, PhD

Canadian Memorial Chiropractic College

Production Co-ordinator Tami Ehrlich

Advertising Editor, Journal of the Canadian Chiropractic Association

186 Spadina Avenue, Suite 6, Toronto, Ontario M5T 3B2 Tel: 416-585-7902 877-222-9303 Fax: 416-585-2970

Email: Dr. Allan Gotlib<AGotlib@chiropracticcanada.ca>

Website: www.jcca-online.org

TYPESETTING

Thistle Printing Limited

35 Mobile Drive, Toronto, Ontario M4A 2P6

JCCA Journal of the Canadian Chiropractic Association

(Formerly the Canadian Chiropractic Association Journal)

Copyright Registered © by the Canadian Chiropractic Association 1961

Copyright: The Canadian Chiropractic Association, 2014

All rights reserved. Without limiting the rights under copyright above, no part of this publication may be reproduced, stored in or introduced into any retrieval system, or transmitted in any form or by any means (electronic, mechanical, photocopying, recording or otherwise), without the prior written permission with the copyright owner and the publisher.

Published by the Canadian Chiropractic Association and issued quarterly

EDITORIAL AND EXECUTIVE OFFICES, 186 SPADINA AVENUE, SUITE 6, TORONTO, CANADA M5T 3B2

General Information: The Journal of the Canadian Chiropractic Association is the official quarterly publication by the Canadian Chiropractic Association. The JCCA is published quarterly by the Canadian Chiropractic Association as a medium of communication between the Association and its members and is a forum for fair comment and discussion of all matters of general interest to the chiropractic profession and the Association. Readers are invited to comment and express their opinions on relevant subjects. Views and opinions in editorials and articles are not to be taken as official expression of the Association's policy unless so stated. Publication of contributed articles does not necessarily imply endorsement in any way of the opinions expressed therein and the Journal and its publisher does not accept any responsibility for them. Business correspondence should be addressed to: the Editor of JCCA, 186 Spadina Avenue, Suite 6, Toronto, Canada M5T 3B2.

INDEXING SERVICES

JCCA is indexed by PubMed Central, CINAHL (Cumulative Index to Nursing and Allied Health Literature), MANTIS (formerly CHIROLARS), AMED, PASCAL, British Library Complementary Medicine Index, Index to Chiropractic Literature, and selectively by SPORTDiscus.

Contents

JCCA Vol 58 No 1 ISSN 0008-3194 (Print) and ISSN 1715-6181 (Electronic)

Commentaries

6 Evidence-based case reports

Jennifer E. Bolton, PhD, MA (Ed), FHEA, FRCC(Hon), FBCA, FFEAC

8 Creating a Chiropractic Practice-Based Research Network (PBRN): Enhancing the management of musculoskeletal care

André Bussières, DC, FCCS (C), PhD

Pierre Côté, DC, PhD

Simon French, BAppSc(Chiropractic), MPH, PhD

Marshall Godwin, MD, MSc, FCFP

Allan Gotlib, C.M., BSc, DC

Ian D Graham, PhD, FCAHS

Diane Grondin, DC, MHK, PhD student (University of Toronto)

Cheryl Hawk, DC, PhD

Charlotte Leboeuf-Yde, DC, MPH, PhD

Sil Mior, DC, FCCS (C), PhD

Kent Stuber, DC, MSc

Original Articles

Detection of syringomyelia in a pediatric patient with mild scoliosis: a case report

Ismat Kanga, BSc, DC

Jessica J. Wong, BSc, DC, FCCS(C)

Paula J. Stern, BSc, DC, FCCS(C)

A comparison of quality and satisfaction experiences of patients attending chiropractic and physician offices in Ontario

Edward R. Crowther, BA, DC, MS, EdD, FCCS

39 Duplicated right crus of the diaphragm: a cadaveric case report

Srinivasa Rao Sirasanagandla, MSc

Satheesha B Nayak, MSc, PhD

Kumar MR Bhat, MSc, PhD

Sudarshan Surendran, MSc, PhD

Deepthinath Regunathan, MSc, PhD

Naveen Kumar, MSc

Surekha D Shetty, MSc, BAMS

Jyothsna Patil, MSc

45 A delayed diagnosis of bilateral facet dislocation of the cervical spine: a case report

Julie O'Shaughnessy, DC, FCCS(C), MSc

Julie-Marthe Grenier, DC, DACBR/FCCR(C)

Paula J. Stern, BSc, DC, FCCS(C)

52 Chiropractic management of elbow tendinopathy following a sports related trauma

Jordan A. Gliedt, DC

Clinton J. Daniels, DC, MS

Contents

JCCA Vol 58 No 1 ISSN 0008-3194 (Print) and ISSN 1715-6181 (Electronic)

- Financial attitudes, knowledge, and habits of chiropractic students: A descriptive survey Julie Lorence, DC, MS
 Dana J. Lawrence, DC, MMedEd, MA
 Stacie A. Salsbury, PhD, RN
 Christine M. Goertz, DC, PhD
- Ross E. Baker, DC: A Canadian chiropractic survivor Douglas M. Brown, DC
- Conservative management of idiopathic anterior atlantoaxial subluxation without neurological deficits in an 83-year-old female: A case report Andrée-Anne Marchand, DC Jessica J. Wong, BSc, DC, FCCS(C)
- Pilot study of the impact that bilateral sacroiliac joint manipulation using a drop table technique has on gait parameters in asymptomatic individuals with a leg length inequality John Ward, DC, MA, MS
 Ken Sorrels, DC, BA
 Jesse Coats, DC, BS, DAAPM, CCSP
 Amir Pourmoghaddam, PhD
 Carlos DeLeon, BS
 Paige Daigneault, BS

Letters to the Editor

- 96 Carlo Ammendolia, DC, PhD
- 96 Marc-André Blanchette, DC, PhD candidate, Jan Hartvigsen, DC, PhD
- 97 Neilank K. Jha, MD, FRCS(C)
- 98 Mark Erwin, DC, PhD

Editorial Board

Alan H Adams DC Texas Chiropractic College Pasadena, Texas

Kelly E. Donkers Ainsworth DC, MD, FRCPC Staff Pediatric Radiologist McMaster University Hamilton, Ontario

Carlo Ammendolia DC, PhD University of Toronto

Samuel Bederman MD, PhD, FRCSC Department of Orthopedic Surgery University of California at Irvine Orange, CA

Paul Bruno DC, PhD
Faculty of Kinesiology and Health
Studies
University of Regina

Brian Budgell DC, PhD CMCC

Jason Busse DC, PhD McMaster University

J David Cassidy DC, MSc, PhD, FCCS(C), Dr Med Sc University of Southern Denmark

Raphael K Chow MD, FRCP(C) University of Toronto

Colin M Crawford B App Sc (Chiro), FCCS(C), MSc, Grad Dip Neuro, MB BS Perth, Australia

Simon Dagenais DC, PhD Boston, Massachusetts

Martin Descarreaux DC, PhD Université du Québec à Trois-Rivières

John A. Dufton DC, MSc, MD, FRCPC Staff Radiologist University Hospital of Northern British Columbia Prince George, British Columbia

Mark Erwin DC, PhD University of Toronto

Brian Gleberzon DC, MHSc CMCC

Richard Goldford BSc, DC, MBA, FCCSS(C), FCCPOR(C)
Toronto, Ontario

Bart Green DC, MSEd, DACBSP Naval Medical Center, San Diego San Diego, California

François Hains DC, FCCS(C), MSc Dorval, Québec

Scott Haldeman DC, MD, PhD, FRCP(C) University of California Irvine, California

Jill Hayden DC, PhD Dalhousie University Halifax, NS

Walter Herzog PhD University of Calgary

Thomas E Hyde BA, DC, DACBSP N Miami Beach, Florida

Claire Johnson DC, MSEd, DACBSP National University of Health Sciences Lombard, Illinois

Mohsen Kazemi RN, DC, FCCSS(C), FCCPOR(C), MSc CMCC

Clark R Konczak MSc, DC, DABCO, FCCO(C), FRCCSS(C)
Victoria, BC

Deborah Kopansky-Giles DC, FCCS(C), FICC, MSc St. Michael's Hospital Toronto, Ontario

Doug M Lawson BA, DC, MSc D'Youville College

Cynthia Long PhD
Palmer Centre for Chiropractic Research
Davenport, Iowa

Marion McGregor DC, PhD CMCC Toronto, Ontario

William C Meeker DC, MPH
Palmer Chiropractic University System
San Jose, CA

Robert D Mootz DC
Associate Medical Director for
Chiropractic, State of Washington
Department of Labor and Industries
Olympia, WA

Bernadette Murphy DC, PhD University of Ontario Institute of Technology Martin Normand DC, PhD UQTR

Steven Passmore DC, PhD Faculty of Medicine University of Manitoba

Stephen Perle DC, MS University of Bridgeport Bridgeport, CT

Reed B Phillips DC, PhD, DACBR Southern California University of Health Sciences

Mathieu Piché DC, PhD UQTR

John J Riva DC, MSc Department of Family Medicine McMaster University Hamilton, Ontario

John Z Srbely DC, PhD University of Guelph

Igor Steiman MSc, DC, FCCS(C) CMCC

John S Stites DC, DACBR Palmer College of Chiropractic Davenport, Iowa

Donald C Sutherland DC, LLD, FICC CMCC

John A M Taylor DC, DACBR, FCCR(C) D'Youville College Buffalo, NY

Haymo Thiel DC, MSc (Orth), FCCS(C), Dip Med Ed, PhD Anglo-European College of Chiropractic Bournemouth, England

Gabrielle M van der Velde BSc, DC, FCCS(C), PhD Toronto Health Economics and Technology Assessment Collaborative University of Toronto

Marja J Verhoef PhD University of Calgary