

ABSTRACTS OF ACC CONFERENCE PROCEEDINGS

Peer-review Information and Acknowledgements for ACC-RAC 2014

Claire Johnson

PLATFORM PRESENTATIONS

The use of PROMIS® to measure the quality of life of pregnant patients presenting for care in a chiropractic practice-based research network

Joel Alcantara, Jeanne Ohm, Junjo Alcantara

Clinical outcomes using the Boot Camp for Lumbar Spinal Stenosis Program: A retrospective study

Carlo Ammendolia

Leading curricular change by restructuring a female care course at a chiropractic college: Where evidence-based clinical practice and evidence-based teaching meet

Ayla Azad, Loretta Howard

Barriers to full-text publication of abstracts presented at the 2008 Association of Chiropractic Colleges/Research Agenda Conference meeting

Barclay Bakkum, Cynthia Chapman

Reliability of the Goutallier classification in quantifying lumbar multifidus fat using MRI

Patrick Battaglia, Yumi Maeda, Aaron Welk, Brad Hough, Norman Kettner

Can flipped learning work? Access of online content and relationship to course performance

Thomas Bergmann, Glori Hinck

Assessment of organizational culture in chiropractic education and its influence on the implementation of revised accreditation standards

Karen Bobak

Student understanding and attitudes toward proper documentation, billing practices, and medico-legal concepts in chiropractic clinical education

Heather Bowyer, Melissa Ferranti, Michelle Gingras, Philip Afghani

Feasibility of Using the Patient Reported Outcomes Measurement Information System (PROMIS) in academic health centers: Case series design on pain reduction after chiropractic care

Jeanmarie Burke

Learning preferences of first year chiropractic students

Kara Burnham

The chiropractic scope of practice update and what the law allows: A cross-sectional survey

Mabel Chang

Assessing the change in attitudes, knowledge, and perspectives of medical students to chiropractic after a core clerkship rotation in family medicine

Ngai Chow, Jessica Wong, Sarah Lee, Kara Hayes, Dan Moore, Deborah Kopansky-Giles, Karen Weyman

A survey analysis of the public's perception of the chiropractic profession

Chadwick Chung, Rikki Johnson, Aaron Jager

Implementing a peer review process for course level student learning outcomes in a chiropractic program

Alena Coleman, Karen Numeroff, Jerry Hochman

- Are there differences between trait- and situation-specific scores on central elements of the fear avoidance model?
Stephan Cooper, Mark Pfefer
- The location of the upright inferior angle of the scapula in relation to the spine: A systematic review of the literature
Robert Cooperstein, Morgan Young
- Manual therapy approaches to overactive bladder: A narrative literature review
Robert Cooperstein, Anthony Lisi, Andrew Burd
- Transformations abroad: Transformative learning captured within a chiropractic humanitarian program
Dustin Derby, Amy Everetts, Julie Schrad, Charles Davis
- Effects of whole body vibration on patients with cerebral palsy – a literature review
Sean Duquette, Megan McDonald, Brittany Moran, Pamela Wilson, David Starmer, Anthony Giuliano
- Musculoskeletal disorders in combat fighter aircrew: A pilot study
Christine East, Adrian Hunnisett, Christina Cunliffe
- Biomechanics of osteoarthritic cartilage in the sacroiliac joint
Dennis Enix, Douglas Smith
- Chiropractic Observation and Analysis Study (COAST): Providing an understanding of Australian chiropractic practice
Simon French, Melanie Charity, Kirsty Forsdike, Jane Gunn, Barbara Polus, Bruce Walker, Patty Chondros, Helena Brit
- Who uses chiropractic services in Australia?
Simon French, Konstancja Densley, Melanie Charity, Jane Gunn
- A survey of 4th year chiropractic students' experiences learning and using an electronic health record system
Matthew Funk
- Functional connectivity changes following manipulative and body based interventions: A preliminary report
Charles Gay, Mark Bishop
- Characterization of chiropractor hand movements during spinal manipulative therapy
Geoffrey Gelley, Steven Passmore, Brian MacNeil
- A first anatomy course may predict future academic success in a chiropractic program
Gene Giggelman, Karen Farmer, Ron Rupert, Rita He
- Training doctors of chiropractic in delivering manual cervical traction forces
Maruti Ram Gudavalli, Robert Vining, Stacie Salsbury, Christine Goertz
- Student confidence level of preparedness and alumni performance level of preparedness for business success
Marsha Hardacre
- Longitudinal excursion of the sciatic nerve in the thigh during passive ankle motion measured with ultrasonography in asymptomatic subjects
Daniel Haun, Douglass Andrews, Mitchell Nielsen, John Keefe
- The comparison of the validity and reliability between digital radiographic imaging system and manual method in measuring the Cobb's angle
Shawn He
- A descriptive analysis of the Journal of Manipulative and Physiological Therapeutics, 1997–2007
Andrea Herold, Katherine Van Wagenen, John Taylor
- Barriers in completion of an online faculty development course on iPad integration
Glori Hinck, Stacy Peterson
- Improving the quality of student learning using focus group discussions: "Active learning – how is it working?"
Kathryn Hoiriis, Alena Coleman,

- The effectiveness of chiropractic care in improving sensorimotor function that is related to fall risk in community-dwelling older adults over a 12-week period
Kelly Holt, Heidi Haavik, C. Raina Elley
- A biomechanical study of the posterior disc region at lower lumbar disc levels
Mozammil Hussain, Kiran Kanwar, Christopher DeGeer
- Preceptor doctors' assessment of the clinical skills of Palmer College externs
Roger Hynes, Alana Callender, Rachelle Hynes, Donald Gran
- In vivo three-dimensional morphometric analysis of the lumbar neural foramen
Nozomu Inoue, Issei Senoo, Alejandro Espinoza Orías, Howard An, Gunnar Andersson, John Triano
- How blended learning in a radiological anatomy course facilitates learning, student satisfaction, and performance
Fiona Jarrett-Thelwell, Jeanmarie Burke, Kristina Petrocco-Napuli, Jean-Nicolas Poirier
- Perceptions of interprofessional education and practice among constituents of a CAM institution
Gena Kadar, Michael Sackett, Andrew Vosko, Garrett Thompson
- Didactic versus problem-based learning: Is there a difference in student knowledge retention?
Martha Kaeser, Jeffrey Kamper, Cheryl Hawk
- Tactile discrimination and adaptation reflect reorganization of primary somatosensory cortex in carpal tunnel syndrome
Norman Kettner, Yumi Maeda, Jameson Holden, Jieun Kim, Stephen Cina, Cristina Malatesta, Alexandra Libby, Leslie Morse, Kyungmo Park, Joseph Audette, Mark Tommerdahl, Vitaly Napadow
- Integrating a spinal health promotion module in a national high school health curriculum: A collaboration in health education leadership
Ron Kirk
- Perceived stress and sources of stress among doctor of chiropractic students
Anupama Kizhakkeveetil, Andrew Vosko
- Acute/subacute neck pain patients are more satisfied with spinal manipulation or self-care compared to medication: Secondary analysis of patient satisfaction in a randomized clinical trial
Brent Leininger, Roni Evans, Gert Bronfort
- Comparison of subjective and objective pain sensitivity in a healthy population
Makani Lew
- Time to numbness in response to five different cryotherapy applications
Makani Lew
- The student experience of learning radiology implications for future practice
Kathleen (Kat) Linaker
- Effects of chiropractic and multidisciplinary approach in nociceptive pain in patients with spinal cord injury
Eduardo Linden Junior, Ranieli Zapelini
- Factors affecting treatment decisions during the first phase of clinical education
Barbara Mansholt, Robert Vining
- Survey of clinical decision-making rationale for chiropractic analysis procedures among doctors of chiropractic and students
Barbara Mansholt, Robert Vining
- Assessing attitudes, knowledge, and perceptions towards manual spinal manipulation: Development and pretesting of a survey instrument
Paul Mastragostino, Deborah Kopansky-Giles, Howard Vernon, Hal Huff
- Ultrasound findings of fractures about the ankle: A pictorial essay with cadaveric, radiographic, and ultrasonographic correlation
Stephanie Mussmann

- Biomechanical and physiological responses to spinal manipulation: The role of preload forces
François Nougrou, Claude Dugas, Michel Loranger, Isabelle Pagé, Martin Descarreaux
- Metabolic changes in the brain and cervical muscles on patients with neck pain following chiropractic spinal manipulation: [18F]FDG PET analysis
Takeshi Ogura, Manabu Tashiro, Akie Inami, Shoichi Watanuki, Mehedi Masud, Katsuhiko Shibuya, Masatoshi Itoh, Keiichiro Yamaguchi, Kazuhiko Yanai
- Barriers and benefits to research implementation in a chiropractic teaching clinic
Julie O'Shaughnessy, Geneviève Côté, Michel Loranger, Martin Descarreaux
- Students' perceptions and experiences of a chiropractic undergraduate educational environment – A qualitative study
Per J. Palmgren, Klara Bolander Laksov
- Teaching bedside manner: A preliminary report on a faculty development program using a panel discussion and experiential workshop
Sandra Pannell, Abigail Dahl, Teri Stockwell
- Using actors as simulated patients for interprofessional education
Karen Panzarella, Lynn Rivers, Beth Bright, Megan Whelan, Kristen Butterfoss, Linda Russ, Andrew Case, Stephanie Brian, Heather Ferro, Lisa DeMarco, Denise Dunford, Kendra Schmitz, Mary Catherine Kennedy, Donna Brzykcy, Lynn Pownall
- Lumbar spinal stenosis and lower limb motor control: The impact of walking induced strain on a performance-based outcome measure
Steven Passmore, Michael Johnson, Valerie Pelleck, Erica Ramos, Yasmine Amad, Cheryl Glazebrook
- Adolescent idiopathic scoliosis is not only a musculoskeletal disease: Abnormal vestibulomotor response is observed
Jean-Philippe Pialasse, Martin Descarreaux, Martin Simoneau
- Sonographic evaluation of the normal ulnar nerve in Guyon's tunnel: Data on cross-sectional area and anthropometric measurements
Kenneth Reckelhoff, Norman Kettner, Daniel Haun, Martha Kaeser, Jinpu Li
- Spinal manipulation can increase trunk mechanical thresholds of lateral thalamic neurons
William Reed, Randall Sozio, Joel Pickar, Cynthia Long
- Diagnosis and management of myofascial pain syndrome: A narrative review of the literature
Christopher Roecker
- Attitudes and use of evidence-based clinical practice within chiropractic: A survey of doctors of chiropractic with diplomate training in orthopedics
Christopher Roecker, Cynthia Long, Robert Vining, Dana Lawrence
- Implementation and validation of an objective structured practical exam in a chiropractic college internship program
Kevin Rose, Antoinette Nguyen, Jesika Menasaka
- Impact of volunteer mentors in a chiropractic educational setting
Lisa Rubin
- A comparison of chiropractic manipulation methods and usual medical care for low back pain: A randomized clinical trial
Michael Schneider, Mitchell Haas, Joel Stevans, Doug Landsittel, Ronald Glick
- The application of Beers criteria for potentially inappropriate medication use in older adults receiving care in a chiropractic college outpatient clinic
Edward Smith, Mark Pfefer, Richard Strunk
- Development of an introductory program for field practitioners on evidence-based clinical practice
John Stites, Greg Snow, Heather Bowyer, Robert Rowell, Tammi Clark, Barbara Mansholt, Kimberly Keene
- Effects of multimodal chiropractic care chronic shoulder pain: A single group, preexperimental feasibility study
Richard Strunk, Mark Pfefer

- Comparison of student satisfaction, perceived learning, and outcome performance: Blended instruction versus classroom instruction
Steven Taliaferro, Beverly Harger, Darcy Vavrek
- Student perceptions of web-based cases
Dorrie Talmage, Jeffrey Weiss, John Mrozek, Nancy Petersen
- Development and psychometric evaluation of an information literacy self-efficacy survey and an information literacy knowledge test
Rodger Tepe, Chabha Tepe
- The relationship between test anxiety and grade point average in chiropractic college students
Rodger Tepe, Jesse Politowski, Megan Porter, Ashley Ingino, Seth Gerlach
- Meta-learning in professional development: A model for faculty development in communities of practice
Noni Threinen
- The effect of foot orthotics on lower extremity joint coupling during a functional task
John Triano, Diane Grondin, Steve Tran
- Do informed consent documents for chiropractic clinical research studies meet readability level recommendations and contain required elements: A descriptive study
Elissa Twist, Dana Lawrence, Stacie Salisbury, Cheryl Hawk
- Determinants of responders in a dose-response trial of spinal manipulation for the care of chronic low back pain
Darcy Vavrek, Mitchell Haas, Moni Neraidilek, Nayak Polissar
- Self-reported bladder and bowel symptoms among adults attending an academic chiropractic clinic: A 1-month point-prevalence survey
Anna Walden, Stacie Salisbury, William Reed, Dana Lawrence
- The effect of teaching general psychomotor skills before specific adjustments on student performance in a lumbar and pelvis chiropractic technique course
Paul Wanlass, Anupama Kizhakkeveetil, Kevin Rose
- Immediate effects of upper thoracic spine manipulation on hypertensive individuals
John Ward, Ken Tyler, Jesse Coats, Gabbrielle Williams, Kristina Kulcak
- The impact of bilateral sacroiliac joint manipulation on walking kinematics among asymptomatic 20- to 45-year-olds
John Ward, Jesse Coats, Ken Sorrels, Amir Pourmoghaddam, Stefan Kreuzer, Tiffany Sarmiento Carlos DeLeon
- Impact of unionization on faculty resistance to change, justice, trust, conflict, and climate for innovation
Dan Weinert, Dustin Derby, Kevin Paustian
- The most common exercises prescribed by chiropractors to reduce low back and pelvic girdle pain in pregnant patients
Carol Ann Weis, Tamara McDonald, Madelyn Soye, Lauren Scott, Sarah Dennison-Taylor
- Attitudes and perceptions of chiropractic students about posture and postural correction
Michael Wiles, Jeffrey Novak, James Hulbert
- Emotional exhaustion: A source of concern for chiropractic practitioners?
Shawn Williams
- Effects of upper and lower cervical spinal manipulative therapy on blood pressure and heart rate variability in volunteers and patients with neck pain: A randomized controlled, cross-over, preliminary study
Ni Ni Win, Anna Maria Jorgensen, Yu Sui Chen, Michael Haneline
- Assessing the change in attitudes, knowledge, and perspectives of medical students to chiropractic after an educational intervention
Jessica Wong, Luciano Di Loreto, Alim Kara, Kavan Yu, Alicia Mattia, David Soave, Karen Weyman, Deborah Kopansky-Giles

The combined use of alcohol and energy drinks as a predictor of increased risk for drinking and driving
Conrad Woolsey, Bert Jacobson, Adam Barry, Ronald Williams Jr., Robert T. Davidson, Will Evans

The effect of acupuncture on cervical kinesthetics in subjects without neck pain: A pilot study
Shari Wynd, Aladin M. Boriek, Brad Koby

Can formative quizzes improve summative exam performance?
Niu Zhang, Charles Henderson

Physiological TNF α may mediate spinal manipulation therapy: A literature reexamination
Liang Zhang

POSTER PRESENTATIONS

Educators' influence on tomorrow's leaders: Healthcare perspectives of third year chiropractic and medical students

Victor Benavides, David Schimp, Greg Turpin

SOT chiropractic and acupuncture for SLAP tear: A case report

Christine Benner, Charles Blum

Strategies and barriers to chiropractic students achieving career success

Mary Berg

Knowledge retention in a multigenerational chiropractic college setting

Lisa K. Bloom

A survey of chiropractic use among runners: A pilot study

Heidi Bonderud

Chiropractic intervention of Zenker's diverticulum: A case report

William Boro

Geometry of coplanar stereoscopic radiographic pairs for analysis of the lateral cervical radiograph: A study using mathematical models

Lafayette Briggs

Musculoskeletal complaints prevalence of workers in a hotel of Serra Gaucha

Mariana Cardoso da Silva, Marcia Augusta Basso de Alexandre, Luis Henrique Colombo

Resolution of Achilles tendinopathy through chiropractic adjustments and physiotherapy

Roxanne Caron, Richard Dry

The correlation between plantar pressure and low back pain evaluation by digital foot scanner

HyeRin Cho, HanSuk Jung, JooHyun Ham, SungEun Kim, Naoko Tanimoto, Barry Draper

The effect of chiropractic manipulation and mobilization on the auditory acuity

JinOk Choi, HanSuk Jung, JooHyun Ham, SungEun Kim, Naoko Tanimoto, Barry Cecil Draper

Prevalence of musculoskeletal complaints among workers in an industry metal mechanics of Portoalegre

Luis Henrique Colombo, Marcia Augusta Basso de Alexandre

Capsaicin-induced central sensitization is associated with central features of the fear-avoidance model

Stephan Cooper, Mark Pfefer

Capsaicin-induced central sensitization is associated with increased myofascial pain sensitivity in healthy participants

Stephan Cooper, Mark Pfefer

Overactive bladder in association with symphysis pubis subluxation: A novel mechanical approach

Robert Cooperstein, Anthony Lisi Lis, Andrew Burd

Utilization of soft tissue mobilization techniques in a chiropractic college teaching clinic

Dwain Daniel, Stefanie Coforio, Michael Ramcharan

How do you assess cocurriculars? An assessment framework part and parcel for institutional effectiveness
Dustin Derby

Extracting information from visually identified points on Excel plots
James DeVocht

Evaluating the experience and educational training of chiropractic interns' on breaking bad news to patients
Steve Dyess, Michael Ramcharan

Patellar dislocation: A case report
Dennis Enix, Kasey Sudkamp, Aaron Welk, Robbyn Keating, Frank Scali

Neuroplasticity in action: Rehabilitation of chronic ABI symptoms using a chiropractic functional neurologic approach
Susan Esposito, Kelli McLaughlin

Usage of outcomes measurements in chiropractic care
Vivi-Ann Fischer, Tabatha Erck

Chiropractic intern attitudes, beliefs, and intentions with regard to health promotion, wellness, and preventive services
Stephen Grand, Kenice Grand, Rod Floyd, Shane Carter

Can vegans have healthy bones?
Kenice Grand, Stephen Grand

Comparison of chiropractic student scores before and after utilizing formative assessments in a laboratory skill course
Joseph Guagliardo

Cultural competency in chiropractic education
Karin Hammerich

Balo's concentric sclerosis: Case study of a conservative treatment approach
Adam Harcourt, Dale Johnson

Association of hypertension mortality rates with geographic concentrations of chiropractors and medical doctors in the US, 2008
John Hart

Comparison of resting pulse rates in chiropractic students versus the general population
John Hart

Management of postpartum coccydynia with chiropractic
Nicholas Hathaway, Linda Mullin

Head repositioning accuracy: Is there a difference in outcome measures for HPA when using active head displacement compared to passive head displacement?
Paul Holmes, Gay Swait, Adrian Hunnisett, Christina Cunliffe

Correlation between the fossa temperature difference and the Blair upper cervical atlas misalignment
Todd Hubbard, Kali Gillen

The chiropractic treatment of medial tibial stress syndrome in two female high school cross country runners: A case series
Laura L. Huber, Marni J. Capes

Axillary arch muscle: A case report of the variation of the arch of Langer
Everett Johnson, Bahram Sardarabadi

A profile of 2012 Olympic games taekwondo athlete
Mohsen Kazemi, Merrill Ong, Alexander Pacis, Kathy Tseng

Senior student survey baseline analysis
Hari Simran Khalsa, Laura Davis

- Selection process and preparation for implementation of an electronic health record system in a CAM university health center
Anupama Kizhakkeveetil, Melissa Kimura, Kevin Rose
- Omoxyoid muscle syndrome in a mixed-martial arts athlete
Alexander Lee, Alexander Yu, Shayne Young, Patrick Battaglia, John Ho
- Calcinosis cutis in the foot of a 26-year-old retired female competitive ice skater: A case report
Katie Malley, Matthew Richardson, Marie Williams, Leila McKenzie
- Implementing an OSCE as a nonhigh stakes clinical assessment, and the relationships between the OSCE score, GPA, and Part IV NBCE scores
Wendy Maneri, Jonathon Egan, Heidi Mendenhall
- Evaluation of intra- and interexaminer reliability of leg length analysis procedure in prone position among experienced practitioners
Farshid Marzban, Ronald Wells, Steven Kleinfeld, Marty Hall, Charlotte Watts, Larry Eckhardt, Afsar Sokhansanj, Harrison Ndetan
- Sonography of occult rib and costal cartilage fractures: A case series
Ross Mattox, Kenneth Reckelhoff, Aaron Welk, Norman Kettner
- Orofacial myofunctional therapy: A case report
Joy Moeller, Charles Blum
- Integrating functional medicine methodologies in the chiropractic clinical setting to improve outcomes for a patient with diabetes, obesity, high blood pressure, chronic sinusitis, and adult onset asthma: A case study
Henry Mueller, Laurie Mueller
- The chiropractic management of infantile retrocolic cervical dystonia
Linda Mullin, Susan Esposito, John Gould
- Total ankle replacement in a 51-year-old with end stage osteoarthritis: A case report
Karen Numeroff, Inger Roug
- Ideal placement of the counterforce brace
Mohsen Radpasand, Hamed Radpasand
- Frozen shoulder, its pathogenesis, natural course, and treatment modalities
Dewan Raja, Bahar Sultana
- Do chiropractors choose certain spinal manipulative therapies depending on various clinical scenarios?
Randell Ricohermoso, Chris Larocque, Fawad Malik, Matt Ruff, Brian Gleberzon
- Does video use by students in an x-ray positioning class improve performance? A pilot study and survey of student attitudes
Robert M. Rowell, Kathy Murphy, Linda Carlson, Jody Bell
- Combining chiropractic care with extinguishing of primitive reflexes: A case series of 8 children
Drew Rubin, Samantha Hornick, Eric Landi, Shamy Cooper, Thais Bermudez
- Applying lean six sigma principles to a chiropractic office: A pilot study
Drew Rubin, Pamela Woodward
- Kinetic evaluation of gait in an injured football player before and after chiropractic care
Brent Russell, Ronald Hosek, Kathryn Hoiriis, Ashli Linkhorn
- Do chiropractic office websites convey healthcare leadership?
David Schimp, Victor Benavides, Stephen Dyess, Amy Wright, Barry Wiese
- Effectiveness of electro-acupuncture on ganglion cysts: A case study
Brian Snyder, Dennis Enix
- Sexual harassment of female chiropractors by patients in a clinical setting: An exploratory survey
Rachel Statz, Matt Pym, Brian Gleberzon

- Demographic and outcomes retrospective analysis at a university chiropractic clinic
Gerald Stevens, Michael Campeanu, Andrew Sorrento, Jiwoon Ryu
- Demonstrating the use of PAJMA in chiropractic care to improve patient safety and enhance communication
Saira Aaima Sukhera, Jennifer Percival, Silvano Mior, Susan Rutherford
- Standing posture and upper cervical misalignment: A practice-based retrospective review of 300 cases
Michael Thomas, Russell Friedman, Robert Rectenwald, Vanessa Thompson
- A survey of student perceptions following 2 different formats for neuromusculoskeletal skills assessment
Michael Tunning, Michael VanNatta, Robert Rowell, Thomas Brozovich
- Enhancing learning for students with the addition of podcasts
Michael VanNatta, Thomas Brozovich, Michael Tunning
- Putting research into practice: A comprehensive 12-week exercise protocol for fibromyalgia
Jamil Vohra, Joseph Urrea, Robert Burdsall, Dimitri Dimitropoulos, Michael Ramcharan
- Pilot study of the impact of Rocktape on female's depth jump performance
John Ward, Joseph Urrea, Jamil Vohra, William Amonette, Jesse Coats
- The impact of the Laser Gym device on limits of stability, functional mobility, standing balance, and gait of older females
John Ward, Kimary Farrar, Amir Pourmoghaddam, Stefan Kreuzer
- Ultrasound imaging of full-thickness rotator cuff tears: A report of two cases
Aaron Welk, Norman Kettner
- Chiropractic students' attitudes towards research
Adrian Wenban, Daniel Ranz, Pablo Perez de la Ossa
- Depressed mood in an elderly patient with chronic low back pain: A prospective case study
Adrian Wenban, Michelle Nielsen
- Examiner reliability in analysis of orthogonal radiographs-phase two
H. Chales Woodfield, III, B. Burt Gerstman, John Hart
- The variability of the FootMaxx system in the assessment of gait parameters
Shari Wynd, Shea Stark, Tecla Fuller, Jairo Rojas
- A diagnosis of posttraumatic myositis ossificans using ultrasonography and radiography
Alicia Yochum, Martha Kaeser, Kenneth Reckelhoff, Norman Kettner
- Research mentoring: Suggestions and encouragement from a reflection exercise
Kenneth Young
- Gimme that old time religion: The effect of the religious propensities of chiropractic's early leaders on the development of x-ray imaging within the profession
Kenneth Young
- Attachment in chiropractic practice: A pilot study
Mary Young, Adrian Hunnisett, Christina Cunliffe
- Conservative care for pediatric acquired torticollis: Two cases of muscular origin
Morgan Young, Jessie Young