ABSTRACTS OF ACC CONFERENCE **PROCEEDINGS**

80 Peer Review Information and Acknowledgments for ACC-RAC 2012

Claire Johnson

PLATFORM PRESENTATIONS

- 83 Use of Spinal Manipulative Therapy for Pediatric Health Conditions: A Systematic Review of the Literature Jenna Arts, Amanda Mei, Emily McManus, and Brian Gleberzon
- 83 Cervicogenic Headache Etiology: Cadaveric Study of the Connection Between Suboccipital Structures and the Cervical Dura Mater

Erton Averion and Mohsen Radpasand

- 84 Student Interns' Feedback on Use of the SNAPPS Model to Promote Active Learning Victor Benavides and Amy Wright
- 84 Use of YouTube Tutorials as an Educational Tool: Student Perceptions, Effectiveness, and Greater **Implications**

Lisa Bloom

- 84 Sonography of the Normal Anterior Talofibular Ligament Eve Bonic, Daniel Haun, John Cho, Thomas Clark, and Norman Kettner
- 85 Is Trunk Motor Control Impaired by Acute Back Muscle Fatigue and Recovery? Jean-Alexandre Boucher, Jacques Abboud, Emmanuelle Dion, and Martin Descarreaux
- 85 Alterations of the Dyspeptic Signs and Symptoms of Patients With Gastritis Following Chiropractic Treatment: A Small Randomized Controlled Study Janaina Butafava, Fabio Dal Bello, and Charles Blum
- 85 Identifying and Overcoming Barriers to General Medical Practitioner Referral to Chiropractors Katherine Butler, Christina Cunliffe, and Adrian Hunnisett
- 86 Chiropractic Dosage for Lumbar Spinal Stenosis Jerrilyn Cambron, Grant Iannelli, Jennifer Dexheimer, Mabel Chang, Michael Schneider, James Jedlicka, and Gregory Cramer
- 86 Health Assistance to Elderly Patients From Different Ethnic Groups That Seek Chiropractic Care Marta Casagrande Saraiva and Thiana Paula Schmidt dos Santos
- 86 Concurrent Validity in Range of Motion Measurement of Seated Versus Supine Active Cervical Rotation Tammi Clark, Theresa Whitney, and Robert Cooperstein
- 87 Use of a Web-Based Curriculum Software Package in Evaluation of a Chiropractic College Curriculum Jesse Coats, Kenneth Sorrels, John Mrozek, and Shari Wynd

- 87 Novel Electromyogram Protocols for Assessment of Neck Pain: A Pilot Study James DeVocht, Kalyani Gudavalli, Ting Xia, and Ram Gudavalli
- 87 Nonuniform Compression of Sacral Cartilage During Angular Rotation Dennis Enix and Douglas Smith
- 88 Intervertebral Disc-Derived Stem Cells: Implications for Regenerative Medicine and Neural Repair William Mark Erwin, Diana Islam, Eftekhar Eftekarpour, Robert Inman, and Michael Fehlings
- 88 Developing the Next Generation of Clinical Research Scientists: Northwestern Health Sciences University's Fellowship Program

Roni Evans, Linda Hanson, Brent Leininger, Corrie Vihstadt, and Gert Bronfort

- 88 A Comprehensive Faculty Development Program for Advancing Evidence-Informed Practice
 Roni Evans, Mary Tuchscherer, Louise Delagran, Della Shupe, Barbara Gosse, Pat Cassello-Maddox,
 and Linda Hanson
- 89 Using Computer-Assisted Learning to Engage in a Variety of Learning Styles in Understanding Business Management Principles

Mary Frost, Dustin Derby, and Andrea Haan

89 Developing a Model Curriculum for Ethical Practice Building at Chiropractic Colleges: Opinions From an International Workshop

Brian Gleberzon, Stephen Perle, and Gilles Lamarche

89 An Interprofessional Education Model for Comanagement of Back Pain in Older Adults by Doctors of Chiropractic and Medical Doctors

Christine Goertz, Stacie Salsbury, Robert Vining, Cynthia Long, Andrew Andresen, Maria Hondras, Mark Jones, Lisa Killinger, and Kevin Lyons

- 90 Utilizing YouTube in a Chiropractic Technique Lab Christopher Good and Saman Pezeshki
- 90 Benefits of Active Learning in a Chiropractic Program: Comparison of Student Scores Before and After Utilizing Active Learning Techniques in a Classroom Setting Joseph Guagliardo and Kathryn Hoiriis
- 90 Effect of Sampling Rate on Capturing High-Velocity Low-Amplitude Spinal Manipulation Force-Time Characteristics

Maruti Ram Gudavalli, James DeVocht, Ting Xia, and Ali Tayh

91 Consensus Process to Develop a "Best Practices" Document on the Role of Chiropractic Care in Health Promotion, Disease Prevention, and Wellness

Cheryl Hawk, Michael Schneider, Marion Willard Evans, and Daniel Redwood

- 91 Testing Test-Driven Learning and Self-Assessment Learning *Xiaohua He and Anne Canty*
- 92 Manual Palpations Attenuate Immunochemical Reactivities of Pain Mediators in the Nervous System in Response to Adjuvant Knee Arthritis: An Animal Model

 Xiaohua He and Veronica Dishman
- 92 Effect of Chiropractic High-Velocity Low-Amplitude Manipulation on Vertical Jump Height in Young Female Athletes With Talocrural Joint Dysfunction

Sofia Hedlund, Markus Lenz, Hans Nilsson, Pernilla Thorman, and Tobias Sundberg

92 Effect of Audit and Feedback on Record-Keeping Compliance Within a Chiropractic Educational Clinic System

Nicole Homb, Shayan Sheybani, Dustin Derby, and Kurt Wood

93 Use of the Activator Adjusting Instrument in the Management of Musculoskeletal Disorders: A Descriptive and Systematic Review of the Literature

Tiffany Huggins, Ana Luburic-Boras, Brian Gleberzon, Mara Popescu, and Lianna Bahry

- 93 Biomechanics of Degenerated Discs With Incomplete and Slack Annular Fibers Under Traction Loads Mozammil Hussain
- 93 Flow-Mediated Dilatation: An Endothelial Vascular Biomarker Martha Kaeser, Daniel Haun, and Norman Kettner
- 94 Correlation Between Predictors of Entering Grade Point Average, Class Scores, and Pretest Scores on National Board of Chiropractic Examiners Exam Part I Scores Amilliah Kenya
- 94 Structural Neuroplasticity in Carpal Tunnel Syndrome: Evidence for Cerebral Cortical Thinning Norman Kettner, Yumi Maeda, James Sheehan, Jieun Kim, Ang Li, Joe Audette and Vitaly Napadow
- 94 Retrospective Analysis of Cultural Competence of Chiropractic Students in a Public Health Course *Kim Khauv and Joel Alcantara*
- 95 Attitudes, Beliefs, and Teaching of Cultural Diversity by Chiropractic Educators *Kim Khauv and Joel Alcantara*
- 95 Developing Activity Modules for Spinal Health Promotion: A Global Collaborative Process Ron Kirk
- 95 Development and Evaluation of the Health Professional Collaborative Competency Perception Scale (HPCCPS)

Deborah Kopansky-Giles, Judith Peranson, Howard Vernon, and David Soave

96 Teaching an Interprofessional Approach to the Management of Musculoskeletal Problems in Primary Care: A Pilot Study. Part 1: Students Deborah Kopansky-Giles, Judith Peranson, and Scott Reeves

- 96 Spinal Manipulation or Mobilization for Radiculopathy: A Systematic Review Brent Leininger, Gert Bronfort, Roni Evans, and Todd Reiter
- 96 Self-Directed Algorithm Design: A Useful Tool in Learning the Differential Diagnosis Process Makani Lew
- 97 X-Ray Utilization and Demographics in a Chiropractic College Outpatient Clinic *Makani Lew and Gregory Snow*
- 97 Variations in the Implementation and Characteristics of Chiropractic Services in Veterans Affairs: A Pilot Study

Anthony Lisi, Brian Mittman, Monica Smith, and Raheleh Khorsan

97 Development of a Strategically Designed Patient Self-Administered Intake Questionnaire to Help Achieve Medicare Compliance

Albert Luce, Dale Rossi, and David Seaman

98 Attitudes Toward Chiropractic Care Among the Health Care Community in Ghana, Africa Dana Madigan and Barbara Sullivan

- 98 Using Reserarch to Change the Culture of Chiropractic Education *Michele Maiers, Roni Evans, and Louise Delagran*
- 98 Chiropractic and General Medical Practice: A Survey of Referral Patterns and Communication Between the Professions
 - Sarah McSwiney, Gabrielle Swait, Adrian Hunnisett, and Christina Cunliffe
- 99 Knowledge of Accurate Blood Pressure Measurement Procedures in Chiropractic Students Angela Miller and James La Rose
- 99 Faculty Development Workshops: An Evaluation of Effectiveness John Mrozek, Stephan Foster, Alan Adams, and Rahim Karim
- 100 Comparision of Findings of Active Straight Leg Raise Test in Patients With Lumbar Versus Sacroiliac Pain Donald Murphy, Eric Hurwitz, and Brian Hart
- 100 Neck and Back Pain Specific Outcome Assessment Questionnaires in the Spanish Language: A Literature Review

Donald Murphy and Marco Lopez

- 100 Optimized Estimation of Contact Force Application During a Side-Lying Lumbar Manipulation Casey Myers, Brian Enebo, Andrea Wanamaker, and Brad Davidson
- 101 Planning for Success: Developing a Business Curriculum for Chiropractic Students Rita Natziger, Julie Johnson, Mary Frost, and Alexis VanderHorn
- 101 Chiropractic Educaiton: A Look at Educational Outcomes, Student Satisfaction, and Interest in Postdoctoral Training in a Department of Veterans Affairs Medical Center Chiropractic Clinic Jason Napuli, Dave Chicoine, and Jennifer Smith
- 101 Pediatric Use of Herbal Supplements in the United States

 Harrison Ndetan, Ronald Rupert, Patricia Brandon, and Maryann Osifo
- 102 Pediatric Use of Movement Therapy and Relaxation Technique for Health Problems and Conditions in the United States
 - Harrison Ndetan, Will Evans, Ronald Rupert, Patricia Brandon, and Roland Njumentoko
- 102 Vitamin and Mineral Supplementation for Pediatric Health Conditions in the United States Harrison Ndetan, Patricia Brandon, Ronald Rupert, Rabina Acharya, and Kenneth Thomas
- 103 Demographic Factors and Neck Pain Among the Indigenous African Population in the Greater Durban Area *Prisca Zandile Ndlova, Charmaine Maria Korporaal, and Reed B. Phillips*
- 103 Physician and Physician Assistant Attitudes and Referral Habits Concerning Chiropractic Care Shawn Neff
- 103 Head Trauma in Returning Military Troops: A Review of the Literature Shawn Neff
- 104 Qualitative Analysis of Comments Made by Chiropractors in Alberta, Canada, About Office-Based Health Product Sales
 - Stacey Page, Jaroslaw Grod, and D. Gordon McMorland
- 104 Is There a Chilly Climate? A Mixed Method Study of the Educational Environment Per J. Palmgren, Madawa Chandratilake, and Klara Bolander-Laksov

- 104 Mechanism of the Jendrassik Maneuver: Attention or Action? Steven Passmore and Paul Bruno
- 105 Teaching an Interprofessional Approach to the Management of Musculoskeletal Conditions in Primary Care: A Pilot Study. Part 2: Educators Judith Peranson, Deborah Kopansky-Giles, and Scott Reeves
- 105 Comparison of Activator Methods Chiropractic Technique Versus Diversified Manipulation in Patients With Acute Low Back Pain

Mark Pfefer, Stephan Cooper, and Angela Boyazis

105 Chiropractic Management of Postconcussive Headache and Neck Pain in a Young Athlete and Implications for Return to Play

Mark Pfefer and Stephan Cooper

106 Knowledge and Attitudes in Assessment and Management of Chest Pain by Chiropractic Interns: A Pilot Survey

Mark Pfefer, Stephan Cooper, and Edward Smith

106 Kinematic and Kinetic Response to Galvanic Vestibular Stimulation in Adolescent Idiopathic Scoliosis: Preliminary Results

Jean-Philippe Pialasse, Martin Simoneau, and Martin Descarreaux

106 Pediatric Mentored Case Reports

Katherine A. Pohlman, Sharon A. Vallone, and Lia M. Nightingale

- 107 A Novel Technique for Measuring Changes in Vertebral Artery Blood Flow *Jairus Quesnele, Judith Wells, Greg Wells, John Triano, Michael Noseworthy, and Tammy Rayner*
- 107 Consideration of Chronic Pain in Trials to Promote Physical Activity for Diabetes: A Systematic Review of Randomized Controlled Trials

John J. Riva, Jason W. Busse, Jessica J. Wong, David J. Brunarski, Alice H.Y. Chan, Rebecca A. Lobo, Marina Aptekman, and Anita Gupta

107 Introduction of a Class on Evidence-Based Clinical Practice in the First Trimester of a Chiropractic Curriculum: Lessons Learned From Student Evaluations Robert M. Rowell and Lia M. Nightingale

- 108 Student Rating of the Importance of Advanced Pediatric Education in Chiropractic Institutions

 *Drew Rubin and Lisa Rubin**
- 108 Collaborative Learning in a Chiropractic Classroom Setting Lisa Rubin
- 108 Variability of Vertical Ground Reaction Forces in Adults With Chronic Low Back Pain, Before and After Chiropractic Care

Brent Russell, Mark Geil, Jianhua Wu, and Kathryn Hoiriis

- 109 Female Chiropractors in Ontario: Current Practice Profiles and Graduate Demographics Shabnam Sadr, David Soave, Jean Moss, and Silvano Mior
- 109 Exploratory Analysis of Clinical Predictors of Outcomes of Nonsurgical Treatment in Patients With Lumbar Spinal Stenosis

Michael Schneider, Jerrilyn Cambron, Lauren Terhorst, Rachel Phillips, and Donald Murphy

- 109 Learning and Study Strategies Inventory Subtests and Factors as Predictors of National Board of Chiropractic Examiners Part I Exam Performance
 - Christine Schutz, Leanne Dalton, and Rodger Tepe
- 110 Effects of Curriculum Change and Extracurricular Acitivities on Students' Choice of Chiropractic Technique David Sikorski, Anupama Kizhakke Veettil, and Gene Tobias
- 110 Basic Science Physiology Laboratory Research Projects: A Curriculum Designed to Encourage an Active Interest in Research Among Chiropractic Students

 Edward Smith and Mark Pfefer
- 110 Analysis of Reported Patient Visit Frequencies and Costs From the Patient Management Program Database in Ontario, Canada

David Soave and Silvano Mior

- 111 Development of a Student-Mentored Research Program Between a Complementary and Alternative Medicine University and a Traditional, Research-Intensive University

 Barbara M. Sullivan, Sylvia E. Furner, and Gregory Cramer
- 111 Outcomes From a Faculty Development Program to Enhance Evidence-Based Practice, Research Utilization, and Knowledge Translation

 Barbara M. Sullivan, Judith D. Pocius, Jerrilyn Cambron, Christopher Wolcott, Thomas Grieve, and Gregory Cramer
- 112 Testing Presumptions: A Pilot Study Assessing Palpatory Efficiency Across Levels of Experience Stephanie Sullivan, Anguonette Stiles, and Jessica Quintero-Villa
- 112 A Single Blind Randomized Controlled Trial of the Effects of Spinal Manipulative Therapy on Fitts' Law Performance in Participants With and Without Neck Pain

 *Rodger Tepe, Jonathan Emlet, Kevin Ward, and John Ellis**
- 112 Are Expectations Related to Lumbar Pain Altering Neuromuscular Trunk Responses Associated With Experimental Pain?

Charles Tétreau, Jean-Daniel Dubois, Mathieu Piché, and Martin Descarreaux

- 113 Chiropractic Care by Interns for Athletes at a Colombian Biomedical Center: A Prospective Pilot Study Kenneth Thomas, Harrison Ndetan, Ronald Rupert, Aleisha Esther Serrano-Alvira, Patricia Brandon, and Roland Njumentoko
- 113 Does Neuroanatomy Software Enhance Learning of Spinal Cord Tracts in a Laboratory Setting? Steven Torgerud and Stephen Duray
- 113 Developing an Introductory Workshop in Evidence-Based Clinical Practice for Chiropractic Field Practitioners

Michael Tunning, Robert Rowell, John Stites, Barbara Mansholt, Ron Boesch, Ian McLean, and Michelle Barber

- 114 Method for Evaluating the Precision of Patient Positioning in Pre- and Post-Nasium X-Ray Film Pairs David Vazquez and Dale Johnson
- 114 Reviewing the Literature and Creating an Evidence-Based Exam for the Pathoanatomic Diagnosis of Low Back Pain

Robert Vining, Eric Potocki, Michael Seidman, and A. Paige Morgenthal

114 Report of Harassment of a Female Intern by a Patient Within a Chiropractic Teaching Clinic: A Case Report Amy Wright and Barry Wiese 115 Use of Whole Body Vibration as an Adjunct to Treatment of Nonspecific Low Back Pain: A Systematic Review of the Literature

Shari Wynd, Jean-Alexandre Boucher, and Martin Descarreaux

115 Effects of Test Stress on Chiropractic Student Physical Examination Laboratory Testing: A Pilot Study Niu Zhang and Kenneth Weber

POSTER PRESENTATIONS

- 116 Wellness Care in a Chiropractic Practice-Based Research Program Joel Alcantara, Linda Mullin, Jeanne Ohm, and Kurt Kunz
- 116 Vision-Induced Chronic Low Back Pain: A Case Report Charles Beck and Charles Blum
- 117 Comparison of Ability of the Bournemouth Questionnaire and Measure Yourself Medical Outcome Profile to Detect Clinically Meaningful Change in Patients With Low Back Pain Receiving Chiropractic Treatment Alison Bell, Gabrielle Swait, Adrian Hunnisett, and Christina Cunliffe
- 117 Chiropractic Manipulative Reflex Technique and Acupuncture in Treatment of Dysmenorrhea (Oligomenorrhea): A Case Report

 Christine Benner and Charles Blum
- 117 Chiropractic Care of an Infant "Bottom Shuffler": A Case Report and Review of the Literature *Maria Bernard and Joel Alcantara*
- 118 Cervical Traction, Temporomandibular Joint, Chiropractic, and Dental Cotreatment: A Case Report Charles Blum and Richard Gerardo
- Supine and Prone Sacro Occipital Technique Pelvic Block Placement: A Comparative Analysis of Position by Magnetic Resonance Imaging Charles Blum, Chad Warshal, Sana Khan, and Tammy Cassa
- 118 Upper Cervical Chiropractic Care for a 7-Year-Old Child With Convergent Strabismus *Tod Cahill and Casey Crisp*
- 119 Paroxysmal Supraventricular Tachycardia and Chiropractic Care: A Case Report Scott Carpenter, Sarah Greene, and James Countryman
- 119 Perceptions and Types of Nonmusculoskeletal Benefits Experienced by Chiropractic Faculty Members at a Complementary and Alternative Medicine University

 Mabel Chang, Brett Sloan, and Jerrilyn Cambron
- 119 Association of Chiropractic Colleges Educational Conference 1983–2011: Categorizing the Abstracts and Their Trends

Robert Cooperstein and Morgan Young

- 120 Chiropractic Management of Atypical Trigeminal Neuralgia Casey Crisp, Kevin Turner, and Eromata Ebwe
- 120 Management of Noncardiac Chest Pain With Chiorpractic Care: A Case Study and Review Stephan Cooper and Mark Pfefer
- 120 Prevalence of Musculoskeletal Complaints by Horseback Riders and Reported Improvement Following Chiropractic Treatment

Priscila Da Rosa, Fabio Dal Bello, and Charles Blum

- 121 Survey of Chiropractic Students and Their Attitudes on the Use of X-Ray *Lydia Dever*
- 121 Treatment of Traumatic Brain Injury by Vestibular Stimulation Using a Multiaxis Rotational Chair for Whole-Body Rotation

James Duffy, Trish Triemert, and Benjamine Behrendt

- 121 Sickle Cell Disease-Induced Osteoporosis in a Chiropractic Student: Case Report and Ethical and Legal Issues Surrounding Matriculation of Current and Potential Chiropractic Students With Sickle Cell Disease *Jonathan Egan*
- 122 Successful Treatment of Alzheimer's Disease Symptoms With the Use of a Multiaxis Balance Training System: A Case Report

Susan Esposito and Linda Mullin

122 Opinions of Chiropractors and the Chiropractic Profession From the Perspective of the Public at Large: An Exploratory Survey

Joseph Forese and Tim Gooding

- 122 Resolution of Cervical Radiculopathy Due to Cervical Disc Herniation Following Upper Cervical High-Velocity, Low-Amplitude Spinal Manipulation: A Case Study *Andy Gibson, James Countryman, and Todd Hubbard*
- 123 An Evaluation of 555 Workers' Compensation Cases of Low Back Injury Involving Chiropractic Care From Colorado

David Gilkey and Alicia Domsky

- 123 Multiple Myeloma Presenting in a Patient With Relevant Case History and Radiographic Illustration of Destructive Spinal Lesions: A Case Report

 Joseph Haezebrouck and Krystal Tomlin
- 123 Analysis of the Patient's Own Data: A Case Report Using Basic Statistics *John Hart*
- 124 Gray Scale and Doppler Ultrasound in Carpal Tunnel Syndrome: A Case Report Daniel Haun, Eve Bonic, Thomas Clark, and Norman Kettner
- 124 Factors That Influence Chriopractic Student Confidence During the Clinical Internship Mark Hecimovich and Simone Volet
- 124 Facebook Use and Professionalism Among Chiropractic Students Gloria Hinck, Roni Evans, and Emily Tweed
- 125 Safety, Tolerability, and Effectiveness of an Ergonomic Intervention With Chiropractic Care for Knowledge Workers With Upper Extremity Musculoskeletal Disorders: A Prospective Case Series *Dale Johnson, Charles Sherrod, Bruce Chester, and Robert Dubro*
- 125 A Case Report of Bilateral Hand Pain, Swellling, and Numbness in an Assembly Worker Everett Johnson
- 125 Accessory Coracobrachialis Muscle and Anastomosis of the Musculocutaneous and Median Nerves in a Cadaver: A Case Report

Everett Johnson and Bahram Sardarabadi

125 Thyroid Hemiagenesis: A Sonographic Diagnosis

Martha Kaeser, Daniel Haun, Muriel Perillat, and Norman Kettner

- 126 Anatomic Relationship Between the First Cervical Vertebra Transverse Process and Surrounding Structures: A Cadaveric Study Pil-Woo Kim
- 126 Kienbock's Disease in a Varsity Football Player: A Case Report and Review of the Literature Michelle Laframboise, Robert Gringmuth, and Christopher Greenwood
- 126 Clinical Effectiveness of Ultrasound as a Treatment for Ductal Blockage Affecting Optimal Breastfeeding Among 25 Postpartum Lactating Women: A Retrospective Case Series

 Valerie Lavigne and Brian Gleberzon
- 127 A Rare Case of Dysplastic Spondyloptosis With Surgical Spinal Fusion: A Case Report Melissa Loschiavo, Bruce Fox, and Marni Capes
- 127 Is Understanding Diagnostic Utility Essential for Competent Patient Care? A Student Intern's Perspective Albert Luce, Dale Rossi, David Seaman, and Steven Lint
- 127 Chiropractic and Clinic Entrance: Creating a Ceremony and Assessing the Significance for Students Cynthia Lund
- 128 Influence of Chiropractic Treatment Style on Patient Satisfaction Rosalyn Mace, Christina Cunliffe, and Adrian Hunnisett
- 128 Student Intern Perception of a Mentorship Model in a Chiropractic Teaching Clinic: A Pilot Study Kenice Morehouse, James LaRose, and Stephen Grand
- 128 Cervical Proprioception as Measured by Head Repositioning in Subjects With and Without Cervical Pain:
 A Pilot Study

 Joseph Morley, Matthew Funk, and Richard Saporito
- 129 Deep Vein Thrombosis Medically Diagnosed as "Leg Pain and Sciatica": Diagnostic Considerations for Care of the Pregnant Woman

 Linda Mullin and Russell Herring
- 129 A Case Study Utilizing Spinal Manipulation and Dynamic Neuromuscular Stabilization Care to Enhance Function of a Postcerebrovascular Accident Patient

 Michael Oppelt, Dave Juehring, Glenn Sorgenfrey, Phyllis J. Harvey, Greg Ploeger, and Susan M. Larkin-Thier
- 130 Chiropractic Management of Patients With Failed Back Surgery Syndrome: A Retrospective Case Series Mark Pfefer, Stephan Cooper, and Rick Morris
- 130 Patient With a Stroke in Progress Reporting for Care in a Chiropractic College Outpatient Clinic: A Case Report
 - Mark Pfefer, Stephan Cooper, Edward Smith, and Richard Strunk
- 130 Snapshot of the French Chiropractic Population at the Emergence of Regulation in France Jean-Philippe Pialasse
- 131 Manipulation Training and Lumbar Spine Stability: An Investigation Using a Modified Prone Instability Test
 - Steven Piper, Stefano Bozzo, Jason Bonar, and Doug Meldrum
- 131 Traumatic Hyoid Bone Fracture: A Case Report and Review of the Literature Jason Porr, Michelle Laframboise, and Mohsen Kazemi

- 131 Sacro Occipital Technique Craniopathy Strain Correction in a 2-Year-Old Female With Nonsynostotic Deformational Plagiocephaly and Right Ventriculoperitoneal Shunt: A Case Report Stephane Provencher
- 132 Neglected Partial Achilles Tendon Tear: Monitoring With Ultrasound–Magnetic Resonance Imaging Fusion Technology and Serial Ultrasound Imaging

 Kenneth Reckelhoff, Danielle Spath, Eve Bonic, Daniel Haun, and Norman Kettner
- 132 Chiropractic Management in a Case of Multiple Sclerosis

 Robert Rectenwald and William Hamilton
- 132 Profile of Patients Who Seek Chiropractic Care at a Public Health Center in Southern Brazil

 Daniel Hillebrand Rohsig, Thiana Paula Schmidt dos Santos, and Marta Casagrande Saraiva
- 133 Case Management of a 2½-Year-Old Female With a 35° Scoliosis and Two Hemivertebrae: Outcome of Adjusting Protocols Showing a Positive Response to Chiropractic Care

 Martin Rosen and Charles Blum
- 133 Is There a Link Between Crawling and Idiopathic Low Back Pain in Young Adults or Children? A Retrospective Case Series Bernardo Sañudo-Diez and Charles Blum
- 133 Common Carotid Artery: Rare Presentation of Level of Bifurcation Bahram Sardarabadi and Everett Johnson
- 134 Resolution of Pediatric Conjunctivitis Using the Chiropractic Adjustment: A Case Report Christopher Shoff
- 134 Assessment of Two Patients With Benign Joint Hypermobility Syndrome and Chronic Pain Richard Strunk, Lyndsay Andrews, and Mark Pfefer
- 134 Subluxation-Based Chriopractic Care of a Patient With Anderson-Fabry's Disease and Effect of Treatment on Patient's Quality of Life *Thomas A. Taylor III*
- 135 Sacro Occipital Technique: Occipital Fiber Technique on a Canine Jean Thompson, Heidi Bockhold, and Charles Blum
- 135 Gonstead Chiropractic Care in a Case With Multiple Pelvic Fractures: A Case Report *Michael Tomasello, Lydia Dever, and Greg Haas*
- 135 Use of "Study Sheets" During Classroom Examinations to Enhance Student Learning Shari Wynd and John Mrozek