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Chiropractic BioPhysics
CBP—The Science of Spinal Health

CBP 41st Annual

October 11-13, 2019
Scottsdale, AZ

CBP Corrective Chiropractic: Contemporary Research and Practices for Unparalleled Patient and Practice Health & Wellness

Course Title: **CBP 2019 Annual Convention**

Course objective: This course provides an integrated education for the Doctor of Chiropractic in the Science and Art of chiropractic techniques for rehabilitation of spine / postural abnormalities, biomechanics / disorders. State of the knowledge related to spine stability, joint injury, and neurological disorders will be presented from a conservative physical Chiropractic and rehabilitation perspective. Spine deformities and CBP rehabilitative corrective care as it might relate to human health and disorders will be presented along with clinical guidance associated with patients relative to these conditions.

Contemporary information on spine and posture biomechanics will be presented with detailed information on adjusting, exercising, and traction techniques for improvement abnormalities. New research on spine correction and how that improves patient relevant outcomes of the following spine disorders: General Health Status, Neuro-Physiology Measures (sympathetic skin resistance, evoked potentials, etc.), Functional Disability Measures, Sensori-Motor Integration, Posture Stability, and Chronic pain syndromes. Analysis of spine/posture deformities and their biological effects and appropriate adjustive and rehabilitative treatment techniques will be reviewed.

Instructors: Dr. Deed Harrison, Dr. Evan Katz, Dr. Jeb McAviney, Dr. Curtis Fedorchuk, Dr. Paul Oakley, Dr. Jason Jaeger

Total Hours: **18**

Friday:

2:00pm-6:00pm **2019 Spine Research Update: Radiographic Measures of Spinal Displacements and Deformities: Reliability, Validity and Clinical Utility of Radiography in Chiropractic Care**

- The Cervical spine in health disease: new research.
- The Thoracic spine in health disease: new research.
- The Lumbar-Pelvic spine in health disease: new research.
- Full spine posture disorders pain, disability, and health outcomes.

4 Hr. CE. Lecture/ Radiography-X-ray Clinical Science **Dr. Deed Harrison**

6:00pm-7:00pm **Chiropractic Principles Meets the Science and Art of patient Diagnosis and education with Radiography:**

- Learning to balance structural based Chiropractic with the physical needs of specific patient, best evidence, and the expertise of the clinician.
- Understanding the relationship between historical foundations and principles of Chiropractic Subluxation theories in the frame work of contemporary Chiropractic Science and Technique and Evidence based care.
- Elevating the professional image of chiropractic through evidence, contemporary based but patient friendly chiropractic education programs.

1 Hr. CE. Lecture / Principles of Chiropractic **Dr. Deed Harrison Moderator**

Saturday

9:00am-11:00am **Identifying common injuries caused by car crashes and best practices for structural rehabilitation to help the patient heal.**

- Identify common spine injuries associated with car crashes
- Discuss the clinical presentation of these injuries both subjectively and objectively
- Discuss the research and evidence on how CBP care might offer patients improved outcomes of care.
- Specific cases, legal cases using CBP, as the fundamentals of presenting the evidence of CBP research in court.

2 Hr. CE. Lecture/ Examination/Documentation/Compliance **Dr. Evan Katz**

11:00am-1:00pm **CBP Technique & CBP Non-Profit Research Updates: Prevalence of spine subluxation measures in clinical practice, New Randomized Trials, Pilot projects, and case reports.**

- Practice based prevalence of spine subluxation and measurement cut points in clinical practice,
- Dexcom G4 Continuous Glucose Monitoring system in a 26 year old male Type 1 Diabetic, with reduction of anterior head translation, cervical hyperlordosis, thoracic hypokyphosis, and lumbar spondylolisthes and review of the literature.
- Pilot Study: Effects of Chiropractic BioPhysics® Structural Rehabilitation Protocol on Blood-Glucose Levels of Type 1 Diabetics
- Spondylolisthes: selective review of literature, management and case outcomes on x-ray.

2 Hr. CE. Lecture / Examination/Documentation/Compliance **Dr. Curtis Fedorchuk**

1:00pm-2:00pm **Lunch**

2:00pm-4:00pm **Scoliosis Deformities and Thoracic Kyphotic Deformities: The Mirror Image Bracing Concept with New Research and Insights**

- Mirror image® scoliosis bracing concept defined,
- Types of thoracic braces--selecting the right type of brace for the patient at hand,
- Indicators for soft vs. hard bracing in Adult kyphosis vs. Scheuremann's or Juvenille.
- Fitting and application of the different braces,
- Follow up considerations for the patients after Mirror Image® Bracing.
- How to implement bracing and course material into your existing practice as well as survey research materials
- Studies supporting efficacy of course materials and treatment methods

2 Hr. CE. Lecture/Clinical Sciences **Dr. Jeb McAviney**

4:00pm-7:00pm **CBP Technique & CBP Non-Profit Research Updates: New Randomized Trials, Pilot projects, and case reports.**

- New Randomized trials:
  - Sympathetic Nervous System and cervical spine corrective care.
  - 200 patients with Adolescent Idiopathic Scoliosis: outcomes of care.
  - Sensori-motor integration, balance, and proprioceptive improvements
- The application of findings from Clinical Trials and Case Reports to clinical applications with the aim to translate CBP Case Study research into meaningful health outcomes.
- Clinical research approach for CBP practitioners, from clinical trials to point-of-care patient applications research.
- New evidence based case reports, case series, and patient relevant outcomes for corrective care practitioners.

3 Hr. CE. Lecture / Research **Dr. Deed Harrison and Dr. Paul Oakley**

Sunday

8:00am-Noon **CBP® Technique Analysis, Intervention and Outcomes: New CBP Case Studies**

- CBP Peer-reviewed case studies: A Literature review of cases to date.
- CBP Technique procedures for cervical spine subluxations and health impairments,
- CBP Technique procedures for lumbar spine subluxations and health impairments,
- CBP Technique procedures for thoracic spine subluxations and health impairments,
- CBP Technique procedures for full spine subluxations and health impairments,
- Mirror Image adjusting procedures,
- Mirror Image traction procedures,
- Mirror Image exercise procedures,
- Case studies: real results, real cases, and application and timing of CBP procedures.

4 Hr. CE. Lecture / Technique—CBP **Dr. Deed Harrison Moderator**