



Chiropractic BioPhysics
CBP—The Science of Spinal Health

CBP 39th Annual
October 13-15, 2017
Scottsdale, AZ

The WigWam Resort and Spa
Accommodations:
<http://www.WigWam.com>

Corrective Chiropractic: Contemporary Research and Practices for Unparalleled Health Outcomes

Course Title: CBP 2017 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, and evidence based nutritional recommendations in today's patient populations. State of the knowledge related 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 visceral disorders will be presented along with clinical guidance associated with patients relative to these conditions. Explore the relationship between Thoracic Spine Disorders, conservative analysis, management, and intervention.

Contemporary information on radiation exposure, biological models, and evidence based protocols in medical and chiropractic imaging. New research on spine correction and how that improves patient relevant outcomes of the following spine disorders: cervico-genic dizziness, cervico-genic headaches, cervical disc herniations and radiculopathy, and chronic neck pain. Analysis of spine/posture deformities and their biological effects and appropriate adjustive and rehabilitative treatment techniques will be reviewed.

Instructors: Dr. Deed Harrison, Dr. Deborah Kado, Dr. Jerry Cutler, Dr. Jeb McAviney, Dr. Curtis Fedorchuk, Dr. Paul Oakley

Total Hours: 18

Friday: 2pm-7pm

2:00pm-3:00pm 2017 Spine Research Update: Spinal Displacements and Deformities in Systemic Health and Disease: The year's most impactful research investigations for CBP Clinicians

- The Cervical spine in health disease: new research the clinician must be aware of.
- The Thoracic spine in health disease: new research the clinician must be aware of.
- The Lumbar-Pelvic spine in health disease: new research the clinician must be aware of.
- Full spine posture disorders pain, disability, and health outcomes.

1 Hr. CE. Lecture/ Clinical Science

Dr. Deed Harrison

3:00pm-5:00pm

Hyperkyphosis, a new geriatric syndrome.

- Scope of the problem - how is hyperkyphosis defined, prevalence estimates, etc.
- Etiology and pathogenesis
- Associated health consequences
- Evaluation
- Management from a non-chiropractor's perspective

2 hours of CE Principles of Chiropractic

Dr. Deborah Kado

5:00pm-7:00pm

Low Radiation Effects on Humans and Organisms — No Reason to Fear

- The basic problem of radiation fear and inappropriate precautionary measures at Fukushima
- Radiation dose-response model and Treatments using low radiation doses
- Biological basis for treating cancer with low doses of radiation
- How the fear began and How the world authorities were misled.
- Evidence that supports the dose-response model: fruit flies, mice, dogs, humans
- Thresholds for onset of harm: lifespan reduction, cancer
- Threshold for radon-induced lung cancer
- Treatment of different types of cancer with low doses of radiation
- Treatment of Alzheimer and Parkinson disease with CT scans
- Treatments of infections and diseases with low doses of radiation: x-rays and radium
- Biology of radiation-induced health effects 14. Conclusions and Recommendations

2 Hr. CE. Lecture, Basic Sciences

Dr. Jerry Cutler

Saturday

9:00am-11:00am

CBP Technique & CBP Non-Profit Research Updates: New Randomized Trials, Pilot projects, and case reports.

- Case report : Reduction in Insulin usage and improvement in Blood-Glucose and A1C Levels:
 - 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
 - Review of literature for Type 1 diabetes and chiropractic;
 - Review of literature for continuous blood glucose monitoring; uses, outcomes, cost effectiveness, patient satisfaction;
 - Thoracic spine and hypo kyphosis: selective review of literature, possible clinical implications;
 - Spondylolisthes: selective review of literature, management and case outcomes on x-ray.

2 Hr. CE, Lecture, Examination/Documentation/Compliance

Dr. Curtis Fedorchuk

11:00am-1:00pm 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. Scheuermann's or Juvenile.
- 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

Jeb McAviney

1:00pm-2:00pm Lunch

2:00pm-4:00pm Clinical Outcomes Research in CBP Research Publications – From Clinical Trials and Case Reports to Best Practices in an Evidence-Based Clinical Approach to CBP Corrective Chiropractic Care

- 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.
- What constitutes an evidence based case report, case series, and patient relevant outcomes for corrective care practitioners.

2 Hr. CE. Lecture, Principles of Practice/NMS Diagnosis

Dr. Paul A. Oakley

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

- Randomized trial for the management of cervico-genic dizziness and chronic neck pain;
- Randomized trial for the management cervical disc herniation causing radiculopathy and chronic neck pain;
- Randomized trial for the management of chronic fibromyalgia pain and impairment;
- Randomized trial for the management of chronic cervico-genic headaches.

3 Hr. CE/Lecture/Research

D. Harrison and Curtis Fedorchuk

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

D. Harrison Moderator