



Chiropractic BioPhysics
CBP—The Science of Spinal Health

2010 CBP® Cervical Rehab
March 27-28; Baltimore, MD
April 24-25; Kauai, HI

- Course Title:** CBP Structural Rehabilitation of the Cervical Spine
- Instructors:** Dr. Deed Harrison, Dr. Joe Ferrantelli, Dr. Donald Meyer, Dwight DeGeorge, Dr. Len Siskin
- Course Objective:** This course provides an integrated education for the Doctor of Chiropractic in the science and art of cervical spine disorders. Detailed literature reviews covering the crisis of cervical disorders in patient populations, the role of spinal manipulative therapy and structural correction of sagittal cervical lordosis will be covered. Normal average and ideal values for the cervical lordosis will be reviewed. Detailed categories of head to thorax postures, spine kinematics and abnormalities of the sagittal cervical lordosis will be learned. The Chiropractor will learn appropriate application and timing of postural and functional exercises for the cervical spine designed to correct spinal subluxation and strengthen the cervical and upper thoracic spine tissues. The Chiropractor will be introduced to 16 categories of sagittal cervical traction and 3 methods of coronal cervical traction with demonstrations for structural rehabilitation of the cervical spine. Indications and contraindications to these new structural rehabilitation procedures will be reviewed. The details of case management using these structural rehabilitation methods will be covered using a variety of case studies for a comprehensive picture of clinical application of this course material. A survey of research material will be reviewed supporting the utilization and efficacy of CBP technique structural rehabilitation treatment methods across a population of patients.
- Total Hours:** 12

Saturday
9am-11am

Structural Rehabilitation of the Cervical Spine & Relationship to Chiropractic.

- The difference and similarities between functional and structural cervical spine rehabilitation procedures,
- Systematic review of spinal manipulative therapy for cervical spine disorders: evidence on pain improvements and frequency and duration of Chiropractic intervention,
- Basic biomechanics of cervical spine postural displacements: disc and muscular loads leading to acceleration of cervical degeneration and disorders,
- Review of the Literature Defining the Cervical Lordosis in Health & Disease
 - A. Ideal and Average values in adults and children,
 - B. Cervical lordosis & neck pain & headache syndromes,
 - C. Cervical lordosis and motor vehicle crash collisions,
 - D. Cervical lordosis & degeneration of the disc and vertebra,

2 Hr. CE. Lecture/ Clinical Science

D. Harrison



- Traction Procedures for disc herniations and canal stenosis of the cervical spine/
2 Hr. CE. Lab/Lecture, Technique-CBP **D. Harrison**

10am-Noon Case Management & Studies Documenting Correction of the Cervical Spine

- Non randomized clinical control on CBP Pope 2-way cervical traction procedures for rehabilitation of cervical lordosis in chronic neck pain: APMR 2002,
- Non randomized clinical control on CBP compression extension 2-way cervical traction procedures for rehabilitation of cervical lordosis in chronic neck pain: JMPT 2003,
- Non randomized clinical control on CBP DeGeorge compression extension cervical traction procedures for rehabilitation of cervical lordosis in chronic neck pain: JMPT 2004,
- CBP cervical traction in several case reports published in the peer-reviewed literature.
- CBP equipment and patient needs.

2 Hr. CE. Lecture, Principles of