

Course Title: CBP Basic Certification Series
Instructors: Dr. Deed Harrison, Dr. Joe Ferrantelli, Dr. Pete Lope, Dr. Jason Haas, Dr. Joe Betz, Dr. Jason Jaeger, Dr. Donald Meyer
Course Objective: The Chiropractor will learn appropriate application and timing of postural and functional correction for the lumbar spine designed to correct spinal subluxation and strengthen the lower back tissues. The Chiropractor will be introduced to 17 categories of sagittal lumbar correction and 5 methods of coronal lumbar corrections with demonstrations for structural correction of the lumbar spine. This course provides an integrated education for the Doctor of Chiropractic in the science and art of cervical spine disorders. 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 technique for the cervical spine designed to correct spinal subluxation and strengthen the cervical and upper thoracic spine tissues.
CE Hours: 70
Dates: September 23-September 29, 2023
Location: Eagle, ID

Saturday; September 23

9am-11am Lumbar Spine adjustive correction:

- Adjustive correction of abnormal biomechanics of lumbar spine postural displacements: disc and muscular loads leading to acceleration of lumbar degeneration and lumbar disorders,
 - A. Lumbar Lordosis
 - B. Lumbar Lordosis & Low Back Pain Syndromes,
 - C. Lumbar Lordosis & Spondylolisthesis,
 - D. Lumbar Lordosis & Degeneration of the Disc and Vertebra,

2 Hr. CE. Technique-CBP

D. Harrison

11pm-2pm Correction & Abnormal Lumbar Configurations:

- Lumbar spinal kinematics and coupling for thoraco-lumbar posture displacements:
- Double and triple combinations and their associated spinal kinematic appearance,
- Differentiating ‘simple’ postural displacement patterns of the spine versus complicated, injury related spine displacement types and subluxations.

3 Hr. CE Technique-CBP

D. Harrison

2pm-4pm Mirror Image correction of the Thoraco-lumbar-pelvic Region

- Mirror image correction for thoracic postural displacements,
- Mirror image correction for pelvic postural displacements.

2 Hr. CE. Technique-CBP

J. Ferrantelli

4pm-5pm Mirror Image correction Procedures and Protocols

- How to Progress the Patient into Lumbar Spine Traction Procedures,
- 4 Types of Lateral Lumbar postural subluxations with 17 categories of sagittal subluxations,
 1. Supine 3-Point Bending Lumbar correction: Indications & Contraindications,
 2. Standing 3-Point Bending Lumbar correction: Indications & Contraindications,
 3. Sagittal Translation correction: Indications & Contraindications,
 4. Hip Extension correction: Indications & Contraindications.

1 Hr. CE. Technique-CBP

D. Meyer

5pm – 7pm Practical Demonstration Set-Ups

- Standing 3-point bending Lumbar correction method,
- Supine 3-point bending Lumbar correction method,
- Coronal & Sagittal plane trunk translation correction methods,

2 Hr. CE. Technique-CBP

J. Betz

Sunday ; September 24

- Home traction for the cervical spine: Indications & contraindications,
- Postural Traction for Coronal Plane Displacements of the cervical spine,
- Traction Procedures for disc herniation's and canal stenosis of the cervical spine

2 Hr. CE. Lecture, Technique-CBP

J. Jaeger

3pm-5pm 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, Technique-CBP

J. Jaeger

5pm-7pm Review of Cervical Lordosis in Health & Disease

- E. Ideal and Average values in adults and children,
- F. Cervical lordosis & neck pain & headache syndromes,
- G. Cervical lordosis and motor vehicle crash collisions,
- H. Cervical lordosis & degeneration of the disc and vertebra

2 Hr. CE. Lecture, Technique-CBP

D. Harrison

Tuesday ; September 26

9am-11am Practical Demonstration Set-Ups

- Coronal & Sagittal plane head translation traction methods,
- Mirror-Image Exercises for cervical spine/postural subluxations,
- Body weighting and dynamic braces for cervical spine/postural subluxations,
- Drop Table and Instrument Mirror-Image Adjusting.

2 Hr. CE. Lecture, Technique-CBP

D. Meyer

11am-2pm Practical Station Demonstrations

- Postural analysis as rotations and translations,
- Mirror image drop table adjusting for postural displacements,
- Mirror image instrument adjusting for postural displacements,
- PosturePrint and PostureRay training demonstrations,
- Evidence based report of findings.

3 Hr. CE/ Lecture/Technique-CBP

J. Betz

2pm-5pm Instrument Adjustments for Upper Cervical Subluxations/Fixations

- Flexion subluxation/fixation of the occiput on atlas,
- Extension subluxation/fixation of the occiput on atlas,
- Flexion fixation/subluxation of the atlas on C2,
- Extension fixation/subluxation of the atlas on C2,
- Pseudo-subluxation of C2 to C3.

3 Hr. CE/Lecture, Technique – CBP

J. Betz

5pm-7pm Adjusting Lumbar Spinal Anomalies

- 6-Lumbar vertebra: Normative lordosis values and global vertical axis line (VAL) at S1 for sagittal balance and postural alignment,
- 4-Lumbar vertebra: Normative lordosis values and global vertical axis line (VAL) at S1 for sagittal balance and postural alignment,
- Transitional vertebra: Normative lordosis values and global vertical axis line (VAL) at S1 for sagittal balance and postural alignment

2 Hr. CE/Lecture/Technique-CBP

D. Harrison

Wednesday ; September 27

9am-11am Biomechanics Principles of Postural Rotations and Translations in CBP technique set ups:

- **Structural Displacements**
 - Segmental displacement
 - Posture and spinal displacement patterns
- **Permutations of Postural Displacements**
 - Single postures of the head, thorax, and pelvis,
 - Double, triple, quadruple, ..., sextuple combination postures of head, thorax, and pelvis equating to 728 unique postural combinations of each region,

2 Hr. CE. Lecture; Technique – CBP

D. Harrison

11am-2pm CBP Technique Training Stations

- In office Posture Analysis with Computerized Methodology
- Comprehensive visual analysis of posture displacements.
- Drop Table Mirror Image Adjustments:
 - a) AP Cervical Drop Table Mirror-Image Adjusting,
 - b) AP Thoracic Drop Table Mirror-Image Adjusting,
 - c) AP Pelvic Drop Table Mirror-Image Adjusting

3 Hr. CE, Lecture; Technique – CBP

D. Harrison

2pm-5pm Adjusting and Practical Technique Station Demonstrations

- Mirror image drop table adjusting for postural displacements,
- Mirror image instrument adjusting for postural displacements,

3 Hr. CE, Lecture; Technique – CBP

D. Harrison

5pm-7pm Comprehensive CBP Drop Table set-ups with Biomechanical Principles.

- How to utilize Postural rotations and translations in drop table set-ups,
- Single, double, and triple combination global postural subluxation set-ups for the head, thoracic cage, and pelvis on a drop table,
- Lateral Full Spine Drop Table Mirror-Image Adjusting.

2 Hr. CE. Lecture; Technique-CBP

Peter Lope

Thursday ; September 28

9am-11am Comprehensive CBP Drop Table set-ups with Biomechanical Principles continued

- Double, and triple combination global postural subluxation set-ups for the head, thoracic cage, and pelvis on a drop table,
- AP Full Spine Drop Table Mirror-Image Adjusting,

2 Hr. CE. Lecture; Technique-CBP

Peter Lope

11am-12pm CBP Drop Table Adjusting set-ups

- Double, and triple combination global postural subluxation set-ups for the head, thoracic cage,
- Lateral Full Spine Drop Table Mirror-Image Adjusting of the head, thoracic care.

1 Hr. CE. Lecture; Technique-CBP

Jason Haas

12pm-2pm Adjusting for Upper Cervical anomalies

- Introduction to adjusting for postural anomalies using a cartesian coordinate system, relative & absolute rotation angles, degrees of freedom, basic theorems,
- Clinical outcome studies of upper cervical Chiropractic adjustments.

2 Hr. CE. Lecture; Technique-CBP

Jason Haas

2pm-4pm Correction of Head Posture and Upper Cervical Spine Kinematics

- Analyzing the upper cervical spine in lateral head translations,
- Analyzing the upper cervical spine in axial (y-axis) head rotations,
- Analyzing the upper cervical spine in lateral flexions of the head.

2 Hr. CE, Lecture; Technique-CBP

Joe Betz

4pm-7pm Adjusting/correction of Upper Cervical Kinematics and Instability continued

- Flexion/extension kinematics of the upper cervical spine,
- Lateral bending and axial rotation kinematics of the upper cervical spine,
- Instability cutoff values of upper cervical spine movements.

3 Hr. CE, Lecture; Technique-CBP

Joe Betz

Friday ; September 29

9am-12pm Practical Training Stations

- Hand-held cervical instrument for AP viewed postures (standing),
- Hand-held cervical instrument for AP viewed postures (side posture),
- Hand-held cervical Instrument for Lateral viewed postures,
- Upper Cervical specific adjustments on the drop table.

3 Hr. CE, Lecture; Technique-CBP

Deed Harrison

12pm-3pm Instrument Adjustments for Upper Cervical Subluxations/Fixations

- Flexion subluxation/fixation of the occiput on atlas,
- Extension subluxation/fixation of the occiput on atlas,
- Flexion fixation/subluxation of the atlas on C2,
- Extension fixation/subluxation of the atlas on C2,
- Pseudo-subluxation of C2 to C3.

3 Hr. CE. Lecture; Technique-CBP

Deed Harrison

3pm-5pm Adjusting of the Cervical Spine due to functional changes

- The difference and similarities between functional and structural cervical spine adjusting procedures,
- 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
 - I. Ideal and Average values in adults and children,
 - J. Cervical lordosis & neck pain & headache syndromes,
 - K. Cervical lordosis and motor vehicle crash collisions,
 - L. Cervical lordosis & degeneration of the disc and vertebra,

2 Hr. CE. Lecture; Technique-CBP

Jason Jaeger

5pm-7pm Adjusting for abnormal cervical configurations:

- Cervical spinal kinematics and coupling for cervical-thoracic posture displacements:
- Double and triple postural combinations and their associated spinal kinematic appearance,
- Differentiating 'simple' postural displacement patterns of the spine versus complicated, injury related spine displacement types and subluxations.

2 Hr. CE. Lecture; Technique-CBP

Jason Jaeger