



## Chiropractic BioPhysics

CBP—The Science of Spinal Health

# June 22, 2024

## Module 8. CBP® Pediatrics Seminar

**Course Title:** CBP Pediatrics Seminar

**Instructors:** Dr. Jessica Dachowski, and Dr. Deed Harrison

**Course Objective:** This course provides an integrated education for the Doctor of Chiropractic in the science and art of pediatric disorders and adjusting. Normal developmental anatomy of the infant through childhood will be detailed. Examination methods and findings that the Chiropractor needs to know for proper assessment of vertebral subluxation and abnormal development for the pediatric patient will be reviewed. The Chiropractor will learn normal and abnormal evolution of the pediatric sagittal plane spinal curvatures and subluxation conditions. Postural and spinal evaluation of the newborn through adolescence is a primary focus of this conference. The details of case management using CBP instrument, drop table and other 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 variety of pediatric patient conditions.

**Total Hours:** 10

**Saturday**  
9am – 10am

### **Introduction to Baby Adjusting Normal and Abnormal Development of the Infant/Child**

- Anatomy and Physiology review relative to vertebral position and skeletal posture.
- Newborn to 6 yrs of age.

10am – 11am

### **Examination of the Pediatric Patient and Anatomy Review of Pediatrics**

- Assessing for vertebral subluxations using postural rotations and translations of the head, thorax, and pelvis
- Explanation and description of the postural examination.
- Palpation of the pediatric patient
- Osteology
- Normal and abnormal findings using spinography.

11am – 12pm

### **Individual Case Studies of and Analysis technique**

- Introduction to Pediatric Adjusting (Birth – 2 years).

12pm – 2pm

### **Sagittal Spinal Alignment of the Pediatric**

- Cervical lordosis: Development in-utero to age 13 yrs.
- Thoracic kyphosis: Development from 3-4 yrs to 13 yrs.
- Lumbar lordosis and sacral inclination: Development from 3-4 yrs. To 13 yrs.
- Pediatric spinal abnormalities: A review of pertinent literature showing subluxation and consequent health effects.

**2pm – 4pm**

**Case Studies: of Pediatric Patients from Examination, Posture, and Spinal Radiography**

- Frequency and duration of Chiropractic intervention for pediatric populations
- Analysis and Corrective Methods using a variety of patient cases.
- Pediatric Headaches and abnormal cervical lordosis,
- Pediatric Asthma and allergies.
- ADHD and abnormal cervical lordosis.

**4pm – 5pm**

**Pediatric Health Disorders that May Positively Respond to Chiropractic Intervention and Management of Sagittal Plane Deformities:**

- ICA Best Practices—Research evidence indicates that many health conditions have been reported to respond to Chiropractic in pediatric populations.
- Indications and contraindications for the use of home corrective orthotics in pediatric patients.

**5pm – 7pm**

**Review of Pediatric Adjusting Using Posture & Palpation**

- Upper cervical analysis and spinography to determine the necessary corrective intervention,
- Atlas laterality,
- Flexion/extension fixations of the CO-C2 joint complex.
- Individual and Published Case Studies for Pediatrics and Analysis technique