



Chiropractic BioPhysics
CBP—The Science of Spinal Health

2022

Module 8. CBP® Pediatrics Seminar

Course Title: CBP Pediatrics Seminar

Instructors: Dr. Pete Lope, 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: 12

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

- 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

11am – 12pm

Anatomy Review of Pediatrics

- Osteology
- Normal and abnormal findings using spinography.

12pm – 1pm

Individual Case Studies of and Analysis technique

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

1pm – 2pm

Update on Pediatric Vaccination and Medication Utilization

2pm – 4pm

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.

4pm – 6pm

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.

6pm – 7pm

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.

Sunday

9am – 11am

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.

11am – 12pm

Individual Case Studies of and Analysis technique

- Introduction to Pediatric Adjusting (Birth – 2 years).
- Progressive vision loss in a pediatric child with upper cervical functional and structural subluxation disorders.