

**Course Title:** CBP Whiplash Trauma  
**Instructors:** Dr. Deed Harrison, Dr. Joseph Ferrantelli, Dr. Evan Katz, Dr. Joe Betz, Dr. Jason Jaeger  
**Course Objective:** This course provides an integrated education for the Doctor of Chiropractic in the Science and Art of chiropractic analysis and clinical management of patients injured in motor vehicle collisions. Biomechanical, neuro-physiological, and epidemiologic aspects of whiplash injuries will be reviewed and discussed. Understanding/differentiating and documenting subtle and complex ligament injuries of the cervical spine will be presented.  
**Total Hours:** 12  
**Dates:** February 28 - March 1, 2025  
**Location:** Hotel Park City 2001 Park Avenue Park City, Utah 84068

### **Friday, February 28**

**2-4PM Biomechanical definition of subluxation in whiplash injury patients**

- Sagittal plane models of the cervical lordosis;
- Biomechanical cervical subluxation categories indicative of trauma;
- Snap through buckling as a model of abnormal cervical curvatures in the sagittal plane;
- Analysis of cervical lordosis and health outcomes in whiplash injured patients.
  - Examination of the MVC patient.
  - Objectively identifying subluxation in the MVC patient.
  - Quantifying subluxation in the MVC patient
    - Documentation of the injury in the MVC patient
    - The role of chiropractic care in treating chronic pain patients
    - Whiplash Injury-Treatment Guidelines and Future Care

**2 Hrs. CE, Neuro-muscular-skeletal diagnosis**

**D. Harrison**

**4-6PM Clinical Management and diagnosis of MVC patient**

- Relating injury in the MVC patient to the clinical record for purpose of continuity of care.
- Consultation of the patient clinical treatment plan for the purpose of continuity of care.

**2 Hrs. CE / Neuro-muscular-skeletal diagnosis**

**J. Betz**

**6-8PM Clinical Management for MVC patient**

- Therapeutic management involved soft-tissue therapy to the suspensory and paraspinal musculature of the upper back and neck.
- Rotary, manual-style manipulative therapy of the cervical and compressive manipulative therapy of the thoracic spinal column was implemented to maintain range of motion and decrease pain.

**2 Hrs. CE/Adjunctive therapy**

**J. Ferrantelli**

### **Saturday, March 1**

**2-4PM Corrective Care Chiropractic**

- Identification of alar ligament, tectorial membrane and posterior atlanto occipital membrane injuries in trauma injured patients.
- Identification of anterior and posterior longitudinal ligament injuries.
- Identification of facet capsular and intervertebral disc injuries in injured patients.

**2 Hrs. CE/ Neuro-muscular-skeletal diagnosis**

**J. Jaeger**

**4-6PM**

**Principles of Chiropractic Practice:**

- **Communication:** to support continuity of patient care plans
- **Documentation:** to support clinical services and procedures
- **Advanced clinical documentation:** Initial, Progress, Final - Life Care Plans

**2 Hrs. CE/Principles of Practice**

**E. Katz**

**6-8PM**

**Cervical Spine Rehabilitation Procedures and Protocols**

- How to progress the injured patient into cervical spine traction procedures,
- CBP cervical rehabilitation in several case reports published in peer-reviewed literature.
- Types of lateral cervical traction methods with 16 categories of sagittal subluxations,
- Home traction remodeling orthotics for the cervical spine: Indications & contraindications,
- Case management timing, exams, re-exams using clinical case studies

**2 Hrs. CE. Lecture/ Adjunctive therapy**

**D. Harrison**