



Chiropractic BioPhysics
CBP—The Science of Spinal Health

June 23, 2024

Module 11. CBP® Whiplash Injury & Treatment Update

Course Title: Whiplash Injury & Treatment Update

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Course Objective: This course provides an integrated education for the Doctor of Chiropractic in the Science and Art of chiropractic analysis and management of patients injured in motor vehicle collisions. Biomechanical, neuro-physiological, and epidemiologic aspects of whiplash injuries will be reviewed and discussed. Understanding/differentiating subtle and complex ligament injuries of the cervical spine will be presented. Litigation and documentation of whiplash injuries and a review of the International Chiropractors Associations Best Practice and Whiplash Injury Guidelines will be presented. An update-to-date review of research material will be presented supporting the utilization and efficacy of a variety of Chiropractic examination/documentation procedures, and treatment techniques across motor vehicle injury populations.

Total Hours: 10

Sunday
9am – 11am

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
- A literature review regarding the cervical lordosis and health outcomes in whiplash injured populations.

11am – 1pm

Biomechanical, Neurological, and Epidemiologic Aspects of Whiplash Injury

- Examination and Diagnostic Imaging in the MVC patient.
- Objectively identifying subluxation in the MVC patient.
- Quantifying subluxation in the MVC patient: What does the scientific literature tell us?
- Documentation of the injury in the MVC patient
- The role of chiropractic care in treating chronic pain patients
- Patient injuries from MVC's
- Litigation issues involved in using CBP Technique treatment protocols and procedures
- Whiplash Injury-Treatment Guidelines and Future Care

1pm – 2pm

Co-Management with General Practitioners, Psychiatrists, and Surgeons for MVC patient

- Examination and Diagnostic Imaging in the MVC patient
- Objectively identifying subluxation in the MVC patient
- Quantifying subluxation in the MVC patient
- Relating injury in the MVC patient to legal professionals
- Educating the patient on their MVC injury

2pm – 3pm

**Advances in X-Ray & MRI Technology to Better Determine Cervical Spine Injury:
The Perspective of a Neuro-Radiologist Working with Corrective Care Chiropractors**

- To image or not to image in cervical spine patient populations.
- 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.

3pm – 5pm

A 21st Century Personal Injury Chiropractic Practice

- **Communication:** With the other health care providers, your patient, the lawyer, and the insurance companies
- **Letters you need:** To the Primary Care Physician, requests for prior records, LOP
- **Billing:** How do you charge for your services, What about co-pays, What is an LOP, What helps, what hurts
- **Questions you need answered:** Liability, Insurance Policy Limits
- **Bad Faith:** What is it
- **Documentation:** Initial, Progress, Final - Life Care Plans
- **Court:** Depositions, Fees, Preparation, Trial itself

5pm – 7pm

Mirror Image Cervical Spine Rehabilitation Procedures and Protocols and Case Management & Case Studies of the Cervical Spine in Whiplash Injured Patients

- How to Progress the injured Patient into Cervical Spine Traction Procedures
- CBP cervical rehabilitation in several case reports published in the peer-reviewed literature
- CBP equipment and patient needs
- 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