

# Orthospinology Annual Symposium 2018

## Saturday September 22, 2018

### **Applications of Physical and Mechanical Principals to Correct the Craniocervical Junction (CCJ) Subluxation Complex**

(8:00 am - 9:50 am)

#### **Dr. Ken Humber**

1. New Correction Procedures for Difficult and Complex Osseous Cervical Structure
2. Precise Utilization of Clinical Objective Findings
3. Common Errors That Will Affect Positive Outcomes
4. Post X-Ray Evaluation as a Key to Improving Patient Outcomes

### **Digital X-Ray / Adjustment Analysis of the Craniocervical Junction**

(10:00 am - 11:50 am)

#### **Dr. Bo Rochester, FCCJP**

1. The History of Digital X-Ray Analysis
  - a. Manual Analysis – What is Different
  - b. Reliability and Validity of Measurements
2. Comparison of Two Different CCJ Measurement Systems
  - a. Lateral View
  - b. Nasium
  - c. Vertex
  - d. Formula for the Height Factor
3. Common Errors to Avoid
  - a. Central Skull Line
  - b. Axial Surface with Central X-Ray Angle Variation
  - c. Lower Cervical Angle
4. Analysis of Complex Cases and Asymmetry
5. The Next Step in Radiographic Analysis for Orthospinology

## **Lunch (on your own)**

(12:00 pm – 1:30 pm)

## **Evidence Based Lifetime Family Wellness Care-Why & How**

(1:30 pm – 3:20 pm)

### **Dr. Bart Patzer**

1. Research with Philosophy that turns patients into choosing Lifetime Family Wellness
2. Need beyond their chief complaint, beyond symptoms: WHY A review of the literature
3. Educating a family instead of educating an individual- A family practice
4. Beyond initial symptomatic care: Correction vs Wellness.
5. Annual Family Examinations/ Review with Family for continued Lifetime Wellness Care
  - a. Goals of Patients and their families: Goals for Patients
  - b. Recommend Care Protocols for Future Care (frequency of checkups, lifestyle and home care recommendations)
  - c. The Report- Validating Continued Chiropractic Check-ups with Science
  - d. Long term Outcomes – Family Case Studies Health
  - e. Impact on Practice Profiles

## **Upper Cervical Ligament Damage and Traumatic Brain Injury in Whiplash Cases**

(3:30 pm - 4:50 pm)

### **Dr. Kirk Eriksen**

1. Long Term Prognosis for whiplash associated disorders (WAD)
2. Assessing and documenting Alteration of Motion Segment Integrity
3. Assessing and documenting and upper cervical ligament laxity
4. Digital motion x-ray, proton-density weighted and upright MRIs to objectify diagnosis
5. Joint instability leading to future degenerative change

6. Delayed onset of symptoms related to WAD
7. Adjunctive care secondary to upper cervical care to treat ligament laxity and chronic pain
  - A. Class 4 laser therapy
  - B. PEMF (pulsed electromagnetic frequency) therapy
8. Cerebellar tonsillar herniation and its relationship to whiplash injuries
9. WAD injuries and their relationship to upper cervical subluxations and cord tension

**Title TBD**

**Dr. Joan Fallon**

(5:00 pm – 6:00pm)

## **Sunday September 23, 2018**

### **Upper Cervical Care of a Diabetic Patient: A Case Study**

(8:00 am - 8:50 am)

#### **Dr. Melissa Licari, DCCJP**

1. Common medical and alternative healthcare treatment for Diabetes II.
2. Can blood tests results and chiropractic treatment correlate?
3. How can Upper Cervical chiropractors assist in the co-management of diabetic patients?

### **Advanced MRI Imaging Observations and Craniocervical Syndrome**

(9:00 am - 10:20 am)

#### **Dr. Julie Mayer Hunt, FCCJP, DICCP**

1. Craniocervical Junction Misalignment
2. Malformations of the Craniocervical Junction
3. Obstruction of Cerebrospinal Fluid Flow
4. Cerebellar Tonsillar Ectopia
5. Arteriole and Venous Blood Flow Obstructions
6. Excess CSF and Autism in Infants

### **Upper Cervical Care in 2018**

(10:30 am – 11:20 am)

#### **Dr. Ryan Klopfer**

1. Clinic perspectives of patient care
2. Developing integrative practice and lifetime relationships
3. Developing upper cervical mentorship
4. Clinical Verbiage in Upper Cervical Care

## **Assessing Difficult and/or Unusual Cases with the Aid of CCJ MRI**

(11:30 am – 12:20 pm)

### **Dr. Nathan Berner**

1. MRI images altering the adjusting procedure
2. Malformations altering the adjusting procedure
3. Accounting for unexpected outcomes in patient care
4. Pre and post x-ray case studies

## **Pre - Post Radiograph Analysis and Reasoning**

(12:30 pm – 1:20 pm)

### **Dr. Bo Rochester, FCCJP**

1. Validity of Post Radiographic Procedure
2. Selection of Identical Structures
3. Comparing the Pre vs. Post Radiographs for Variance
4. Post Radiograph Reasoning

## **Specific Applications for Correcting the Atlas Subluxation (Advanced Adjusting Workshop)**

(1:30 pm – 2:30 pm)

### **Dr. Ken Humber**

1. Instrument Usage
  - a) Which Instrument to Use?
  - b) Stylus Selection
  - c) Number of Thrusts
  - d) Preload
  - e) Contact
  - f) Use of an Assistant When Performing the Correction