
DESCRIPTION:
This course will define craniomandibular pain in relationship to both upper cervical dysfunction and temporomandibular disorders (TMD’s). Focus will be placed upon both diagnosis and conservative intervention. A review of the relevant anatomy, physiology, pathophysiology and biomechanics of both the upper cervical spine and the TMJ are presented as they relate to enabling a thorough clinical examination. An overview of the history of TMD will be presented, as well a brief history of its medical management. The major types of TMD (as defined by “Diagnostic Criteria for TMD,” or DC/TMD) are also discussed. The examination process itself including the basic clinical examination, special tests, imaging, and differential diagnosis are presented in detail so clinicians will be able to better recognize and treat the primary variations of craniomandibular pain. A review of the options for conservative management will be provided with specific attention given to manual therapy intervention. And finally, the role of a multidisciplinary approach will be considered as necessary to address the dental and biopsychosocial aspects that frequently accompany craniomandibular pain.

OUTCOMES (At the end of the presentation, participants will):

1. Name and identify the structures that comprise the upper cervical spine and the TMJ.
2. Describe the normal biomechanics of the upper cervical spine and the TMJ.
3. Utilize the DC/TMD to classify sub-groups of TMD.
4. Differentiate the clinical findings of masticatory muscle dysfunction from those of TMJ joint disorders.
5. Explain the role of TMD in certain headache disorders in contrast to upper cervical dysfunction.
6. Propose a specific treatment plan for each of the main sub-types of TMD.
7. Evaluate the general postural components and potential dysfunctions within the cervicothoracic system as contributors to craniomandibular pain.
8. Identify the correct patient/clinician positioning for completion of the craniomandibular examination and for mobilizations.
10. Demonstrate performance of upper cervical spine ligamentous testing.
11. Demonstrate performance of the basic TMJ evaluation independently and in a timely fashion.
12. Understand the pathoanatomy regarding upper cervical instability in traumatic onset craniomandibular pain.
14. Demonstrate performance of soft tissue techniques for the craniomandibular system.
15. Acknowledge the role of central sensitization in the etiology of some forms of craniomandibular pain.
16. Explain the need for a multi-disciplinary approach to the management of more chronic forms of craniomandibular pain.

INSTRUCTOR: Eric Cedor, BA, DPT, ScD, COMT

Eric Cedor, BA, DPT, ScD, COMT, graduated from Louisiana State University's School of Allied Health with a master's degree in physical therapy in 2006. He went on to acquire a doctorate in physical therapy from the University of Mississippi, followed by a certification in manual therapy of the spine through IAOM-US in conjunction with his acquisition of a doctorate of science degree through the Health Sciences Center at Texas Tech University. He currently maintains an extensive outpatient practice while serving as director of an orthopedic physical therapy clinic in Covington, Louisiana. In addition, Eric is an adjunct faculty member who regularly lectures for both the physical therapy and dental schools within both the LSU and Emory health science systems.

LEVEL: Intermediate

AUDIENCE: PTs, PTAs, OTs, OTAs

AGENDA:

Day One:

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>7:30 AM</td>
<td>Registration Opens</td>
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<tr>
<td>8:00 AM</td>
<td>Introduction</td>
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<tr>
<td>8:15 AM</td>
<td>Lecture: Epidemiology &amp; Pathoanatomy of the TMJ</td>
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<tr>
<td>9:30 AM</td>
<td>Lecture: Biomechanics of the Craniomandibular System</td>
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<tr>
<td>10:15 AM</td>
<td>Break</td>
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<tr>
<td>10:30 AM</td>
<td>Lab: Surface Anatomy of the Craniomandibular System</td>
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<tr>
<td>11:15 AM</td>
<td>Lecture: Cervical Spine Disorders, Postural Contributions and Otologic Considerations as Related to Craniomandibular Pain</td>
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Register Online: http://bit.ly/ce12626
12:00 PM  Lunch (on your own)
1:00 PM  **Lecture/Lab:** Basic Clinical Examination of the Craniomandibular System
2:45 PM  Break
3:00 PM  **Lecture:** Basic Clinical Examination Interpretation
4:30 PM  Adjourn

**Day Two:**
8:00 AM  **Lecture/Lab:** Upper Cervical Screen and Additional Special Tests
9:00 AM  **Lecture/Lab:** Soft Tissue Management and Orthopedic Manual Therapy of the Craniomandibular System
10:30 AM  Break
10:45 AM  **Lecture/Lab:** Conservative Management (splints, motor control strategies and exercise)
12:00 PM  Break
12:30 PM  **Lecture:** The Axis II Component of the DC/TMD, Biopsychosocial Considerations
1:30 PM  **Lecture/Lab:** Mock Clinics - Case Studies
2:30 PM  Questions, closing remarks, course evaluations, issuing of course certificates
3:00 PM  Adjourn

**PRE-COURSE ASSIGNMENT:** It is recommended that participants review Chapter 4: Temporomandibular Joint in “Orthopedic Physical Assessment, 6th Edition, by David Magee, PhD, BPT.

**REQUIRED COURSE MATERIALS:** It is recommended that participants bring a copy of “Gray’s Atlas of Human Anatomy”, “Netter’s Atlas of Human Anatomy” and/or comparable text for reference (although the presenter’s lectures will include slides with illustrations).

**FOCUS:** Domain of OT: Client Factors
**Occupational Therapy Process:** Evaluation, Intervention, and Outcomes

**Course #:** 12626

**PRICE:** Early Price $525 (On or Before 10/13/2020); Standard Price $575 (After 10/14/2020)

**CEU's / Clock Hours:** Agenda reflects 13 Clock Hours (1.3 CEUs)

**LOCATION:** UW-Milwaukee Continuing Education, Plankinton Building, 7th Floor, 161 West Wisconsin Avenue, Milwaukee, WI 53203