# Osteopathic Manipulative Medicine V

## Course Syllabus

<table>
<thead>
<tr>
<th>CLASS OF</th>
<th>2021</th>
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<tbody>
<tr>
<td>DATES</td>
<td>7/8/19 – 6/19/20</td>
</tr>
<tr>
<td>CREDIT HOURS</td>
<td>2.5 Credit Hours</td>
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</tbody>
</table>
| CONTACT HOURS | On campus: 2 Lecture Hours 4 Lab Hours  
*November 15, 2018*  
*April 17, 2019*  
Online: 8 Modules/16 Hours |
| ASSESSMENT TOOLS | COMAT Examination, 5 Question Quiz per Module |
| TRANSCRIPT CATEGORIES | NBOME COMAT Exam 50% *(April 27, 2019)*  
Modules 50%  
**Overall Score 100%** |
| LOCATION | BCOM (workshops), LEO (modules), New Innovations(logs) |
| COURSE DIRECTOR | LeAnn Jons-Cox, D.O. |
| COURSE COORDINATOR | Wendy Zuñiga |
Course Description:
This course builds upon the foundation of the principles and philosophies of osteopathic medicine established during the OMM I-IV courses. It will expand the student’s osteopathic knowledge base through the application of new and previously learned techniques into specific disease examples. The format will include interactive discussion of patient cases with the integration of osteopathic principles and practices. This course will include integration of the clinical exam with osteopathic diagnosis and treatment skills. Online modules will also be completed and will consist of a PowerPoint case presentation and a five question quiz. The quiz will be completed on Canvas and 4/5 questions must be correct for the student to receive credit for the module. A total of eight modules must be successfully completed to receive credit for the course. Students are also expected to treat patients with osteopathic manipulation throughout the year. Logs will be maintained and will demonstrate a minimum of fifteen OMM patient encounters for the year.

This course is a 2.5 credit course and the grading is pass/fail. It will be documented on the student’s transcript.

Course Goals:
Third Year Osteopathic Manipulative Medicine Course
The goal of the Third Year Osteopathic Manipulative Medicine Course is to have each student:

1. Confidently explain the theories and tenets of osteopathic principles;
2. Define and diagnose somatic dysfunctions,
3. Demonstrate proficiency in palpation skills;
4. Safely administer osteopathic manipulative treatment;
5. Successfully integrate osteopathic principles and treatment into the clinical patient encounter.
Course Objectives:

<table>
<thead>
<tr>
<th>Objective</th>
<th>Programmatic Educational Objectives</th>
<th>AOA Core Competencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1 Recognize the common clinical presentation and important historical factors related to patients presenting with extremity pain, whiplash, low back pain, thoracic pain, headache, sinusitis, post-operative ileus, and pneumonia.</td>
<td>1, 2</td>
<td>2, 3</td>
</tr>
<tr>
<td>#2 Formulate a differential diagnosis for each of the above clinical conditions.</td>
<td>1, 2</td>
<td>1, 2, 3</td>
</tr>
<tr>
<td>#3 Explain the diagnostic tests for the above clinical conditions.</td>
<td>1, 4</td>
<td>2</td>
</tr>
<tr>
<td>#4 Detail the medical management for the above clinical conditions.</td>
<td>1, 4, 5, 6, 7</td>
<td>1, 2</td>
</tr>
<tr>
<td>#5 Explain the rationale for utilizing OMM in the care of each of the patient scenarios listed above.</td>
<td>1, 2, 4, 7</td>
<td>1, 2</td>
</tr>
<tr>
<td>#6 Successfully demonstrate the osteopathic techniques which are useful in the aforementioned clinical cases.</td>
<td>1, 2, 3, 4</td>
<td>1, 2, 4, 5</td>
</tr>
<tr>
<td>#7 Accurately document a patient encounter that involves OMM.</td>
<td>1, 3</td>
<td>6</td>
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</tbody>
</table>
Course Faculty and Staff:

Office Hours

Questions concerning the course may be discussed individually by making an appointment with the Course Director, Dr. Jons-Cox, by phone (575) 674-2354, or via email. The Course Director is generally available by appointment only.

Course Director:
LeAnn Jons-Cox, DO
ljons@bcomnm.org
(575) 674-2354,
3501 Arrowhead Drive, Suite 328
Las Cruces, NM 88001

Course Coordinator:
Ms. Wendy Zuñiga
Wzuniga@bcomnm.org
(575) 674-2336
3501 Arrowhead Drive
Las Cruces, NM 88001

<table>
<thead>
<tr>
<th>Faculty name</th>
<th>Email address</th>
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</thead>
<tbody>
<tr>
<td>LeAnn Jons-Cox, D.O.</td>
<td><a href="mailto:ljons@bcomnm.org">ljons@bcomnm.org</a></td>
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<tr>
<td>Adrienne Kania, D.O.</td>
<td><a href="mailto:akania@bcomnm.org">akania@bcomnm.org</a></td>
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<tr>
<td>Deborah Whitson, D.O.</td>
<td><a href="mailto:dwhitson@bcomnm.org">dwhitson@bcomnm.org</a></td>
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<tr>
<td>Victoria Chang, D.O.</td>
<td><a href="mailto:vchang@bcomnm.org">vchang@bcomnm.org</a></td>
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Required Resources and Equipment:

Textbooks
- Somatic Dysfunction in Osteopathic Family Medicine, Nelson and Glonek, 2nd Ed., 2015
- Bate’s Guide to Physical Examination and History Taking, Bickley L., 11th Ed., 2012
- The 5-Minute Osteopathic Manipulative Medicine Consult, King Channell and Mason, 2008.
- Foundations of Osteopathic Medicine, Seffinger M, 4th Ed., 2019

Equipment: Portable Osteopathic manipulative treatment table

Recommended Resources and Equipment:

Textbooks

Equipment: Flexible spine with sacrum/pelvis

Delivery of Course Information and Organization:

This course utilizes a clinically focused program developed by the ACOFP that is intended to
Students are required to successfully complete eight (8) of the twenty (20) modules in order to complete this course.

**Attendance at BCOM OMM Interactive Sessions:**

*Attendance at both sessions is required, unless excused. If a student needs to obtain an excused absence for any reason they need to follow the BCOM excused absence process. An unexcused absence from a required educational session results in a failure for the course.*

The quality of the lab training experience is dependent upon both lab partners being present and participating in the day’s activities. Tardiness, unexcused absences, and a lack of interest or participation are considered disruptive behavior. These place the student and their lab partner at an educational disadvantage and are viewed as unprofessional behavior. Attendance will be taken at the beginning of lab. The student has 15 minutes to sign in after the start of the lab session. Any person who has not signed in by that time will not be given credit for attending the session. **These sessions will be held on Friday, November 15, 2019 and Friday, April 17, 2020.**

**Criteria for Opting Out of a Laboratory Technique:**

Physical exam and osteopathic diagnosis and treatment are kinesthetic skills that require hand-over-hand training as well as regular practice outside of class. All physical exam and osteopathic diagnosis and treatment laboratory experiences require mandatory attendance, as well as full participation in all associated activities and procedures. **Students with medical conditions that preclude participation in any part of the curricula are required to provide medical documentation of evaluation and determination of ability to participate in lab activities. Students obtaining appropriate documentation of inability to participate in any aspect of lab activities and procedures will meet with the respective course director to determine the student’s depth of participation in associated labs, and alternative learning pathways for the missed material.**

**Patient Encounter and Procedure Logs:**

The log is one form of evaluation in the OMM course used to assess students’ participation with osteopathic treatment during their clerkship rotations. Medical students are REQUIRED to perform osteopathic manipulation on 15 patients throughout the OMM course. The treatments may be performed on patients, staff, family members, or fellow students. Supervision by an attending

Syllabus last revised 7/16/2019
physician is encouraged but not required. These treatments must be documented in New Innovations with the student noting the date the patient was treated and the number of body regions treated. Body regions are: Head, Cervical, Thoracic, Lumbar, Sacrum, Pelvis, Abdomen, Ribs, Upper Extremity, and Lower Extremity. Failure to document 15 OMM treatments will result in failure of the course.

**Grading Information:**

Students must complete a 5 question quiz that corresponds to the module that they are doing on LEO. The quizzes are 5 questions each and they must answer 4 out of 5 questions correctly to receive credit. **Students can only take the quiz once. If they score less than an 80% (4/5 questions correct), they will not receive credit for the module and must start a different module.** The OMM online module quizzes constitute 50% of the OMM V grade.

The interactive sessions are pass/fail based upon participation of the student. A student who is not engaged with the material being taught during the session may be asked to leave by a faculty member. They will not receive credit for the session and will fail the course.

All students are required to pass the OMM COMAT exam. **This exam will be administered on April 27, 2020 locally at the student hubs.** Students will be given the opportunity to take the COMAT exam a second time if they fail it the first time. More than 2 failures of the OMM COMAT exam results in a failure of the course. The COMAT exam constitutes 50% of the OMM V grade.

**Students Grades will be calculated as follows for this course:**

- NBOME COMAT Exam 50%
- OMM online module quizzes (8 total) 50%
- Patient logs: 15 OMM patients required (no credit given)

**Course Communication:**

Students are expected to monitor their BCOM email and are responsible for all communications sent to their official email address.

- For administrative aspects of the Course: contact Wendy Zuñiga.
- For content questions relating to a specific lecture or topic: contact the faculty presenter for that specific portion of the course.
- For absences/missed exams (see excused absence information below)

**Policies and Procedures:**

Information regarding course grades, attendance (including excused absences), exam procedures, remediation, appeals, acceptable use of technology, honor code, professional attire, and related policies are stated in the current Student Handbook. Policies regarding non-discrimination,
accommodations for disabilities, and Title IX are also referenced within the Student Handbook. All policies and procedures stated therein will apply during this course.

The Student Handbook may be accessed through the BCOM website: http://bcomnm.org/student-handbook_catalog/student-handbook/

For information regarding emergency or inclement weather, refer to the Campus Safety and Security page on the BCOM website: http://bcomnm.org/campus-safety-and-security/

**Statement Regarding Reservation of Power**

The curriculum, assignments, schedule, syllabus, and any information contained within the course can be altered or changed at any time. In the event of any alterations during the course, students will be informed officially through their BCOM email. It is the student’s responsibility to obtain the changes or notices even if absent from a class.
Appendix

A. Programmatic Level Educational Objectives

*Graduates of the BCOM Doctor of Osteopathic Medicine degree program will be able to:*

1. Integrate knowledge and skills acquired from the biomedical, clinical, social, and behavioral sciences to provide patient care in a supervised setting.
2. Demonstrate competence in the skills of osteopathic manipulative treatment and the application of osteopathic philosophy in patient care.
3. Demonstrate professionalism, characterized by honesty, integrity, ethical behavior, empathy, and responsibility.
4. Communicate effectively with patients, families, faculty, peers, and other members of the healthcare team.
5. Critically appraise, evaluate, and apply scientific evidence to inform patient care and research.
6. Demonstrate awareness of the roles and interactions of professionals within the healthcare system and identify resources to optimize patient care at the individual and community levels.
7. Identify the specific healthcare needs of diverse populations and the ways in which the medical community responds.

B. AOA Osteopathic Core Competencies

1. Osteopathic Philosophy and Osteopathic Manipulative Medicine
2. Medical Knowledge
3. Patient Care
4. Interpersonal and Communication Skills
5. Professionalism
6. Practice-Based Learning and Improvement
7. Systems-Based Practice