2023-2024

CLINICAL ROTATIONS MANUAL

Policies and Procedures for Clinical Rotations OMS-III and OMS-IV



A Message from the Associate Dean of Clinical Affairs

Student Doctors of the Class of 2025,

Congratulations on the completion of the classroom portion of your medical education. As you begin your clinical rotations, I wanted to offer a few words of encouragement and support. Initially, the transition from the classroom to actual patient encounters may seem challenging, but I want you to be confident that you have received an excellent education to prepare for this step in your journey.

Your next lessons will take place in clinics, hospitals, and operating rooms across the country. Your next few months will be filled with patient encounters, educational lectures that occur while walking quickly down hospital hallways, and evenings spent reading about patient diagnoses, all while trying to find time to study for your next board exam. You will quickly find that there are endless opportunities to learn in the clinical environment.

You will find that your attending physicians are not your only teachers during your clinical years. Your most important lessons will likely come from your patients. Learn something from each patient that you encounter. You will be successful in your clinical training when you remember that your patients are people. They are not simply diagnoses or room numbers. Remember that you are not just providing a treatment to a disease, but you are serving individuals who come to you in their most vulnerable moments. Make your clinical decisions while remembering that each patient is someone's mother, brother, daughter, or friend. Consider how each decision impacts not only the patient but the loved ones that they value in their lives.

Know that LMU-DCOM and everyone in the Office of Clinical Education is proud of your accomplishments thus far. We believe that each of you will be an outstanding Osteopathic Physician. Believe in yourself, trust your instincts, and embrace the challenges that stand before you. We are here to support you for the remainder of this journey.

Carefully review this manual in its entirety. Refer to it often throughout your OMS-III and OMS-IV years. If you should have any questions, reach out to the Office of Clinical Education.

Best wishes for a safe and healthy year,

Unya K. Cope Do

Anya K. Cope, DO, FACOI Associate Dean of Clinical Affairs Associate Professor of Internal Medicine



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LINCOLN MEMORIAL UNIVERSITY

Mission Statement¹

Mission: To prepare outstanding Osteopathic physicians who are committed to the premise that the cornerstone of meaningful existence is service to humanity. The mission of the Doctor of Osteopathic Medicine (DO) program at LMU-DCOM is achieved by:

- Graduating Doctors of Osteopathic Medicine;
- Providing a values-based learning community as the context for teaching, research, and service;
- Serving the health and wellness needs of people within the Appalachian region and beyond;
- Focusing on enhanced access to comprehensive health care for underserved communities;
- Investing in quality academic programs supported by superior faculty and technology;
- Embracing compassionate, patient-centered care that values diversity, public service, and leadership as an enduring commitment to professionalism and the highest ethical standards;
- Facilitating the growth, development, and maintenance of graduate medical education.

¹ Standard 1 Element 1.1: Program Mission (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

AOA Code of Ethics²

The American Osteopathic Association (AOA) Code of Ethics is a document that applies to all physicians who practice osteopathically throughout the continuum of their careers, from enrollment in osteopathic medical college/school through post graduate training and the practice of osteopathic medicine. It embodies principles that serve as a guide to the prudent physician. It seeks to transcend the economic, political, and religious biases, when dealing with patients, fellow physicians, and society. It is flexible in nature in order to permit the AOA to consider all circumstances, both anticipated and unanticipated. The physician/patient relationship and the professionalism of the physician are the basis for this document.

The AOA has formulated this Code to guide its member physicians in their professional lives. The standards presented are designed to address the osteopathic and allopathic physician's ethical and professional responsibilities to patients, to society, to the AOA, to others involved in health care and to self.

Further, the AOA has adopted the position that physicians should play a major role in the development and instruction of medical ethics.

Section 1. The physician shall keep in confidence whatever she/he may learn about a patient in the discharge of professional duties. Information shall be divulged by the physician when required by law or when authorized by the patient.

Section 2. The physician shall give a candid account of the patient's condition to the patient or to those responsible for the patient's care.

Section 3. A physician-patient relationship must be founded on mutual trust, cooperation, and respect. The patient, therefore, must have complete freedom to choose her/his physician. The physician must have complete freedom to choose patients whom she/he will serve. However, the physician should not refuse to accept patients for reasons of discrimination, including, but not limited to, the patient's race, creed, color, sex, national origin, sexual orientation, gender identity, or disability. In emergencies, a physician should make her/his services available.

Section 4. A physician is never justified in abandoning a patient. The physician shall give due notice to a patient or to those responsible for the patient's care when she/he withdraws from the case so that another physician may be engaged.

Section 5. A physician should make a reasonable effort to partner with patients to promote their health and shall practice in accordance with the body of systematized and scientific knowledge related to the healing arts. A physician shall maintain competence in such systematized and scientific knowledge through study and clinical applications.

Section 6. The osteopathic medical profession has an obligation to society to maintain its high standards and, therefore, to continuously regulate itself. A substantial part of such regulation is due to the efforts and influence of the recognized local, state, and national associations representing the osteopathic medical profession. A physician should maintain membership in and actively support such

² Standard 1 Element 1.4: Governance & Program Policies (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

associations and abide by their rules and regulations.

Section 7. Under the law a physician may advertise, but no physician shall advertise or solicit patients directly or indirectly through the use of matters or activities which are false or misleading.

Section 8. A physician shall not hold forth or indicate possession of any degree recognized as the basis for licensure to practice the healing arts unless she/he is actually licensed on the basis of that degree in the state or other jurisdiction in which she/he practices. A physician shall designate her/his osteopathic or allopathic credentials in all professional uses of her/his name. Indications of specialty practice, membership in professional societies, and related matters shall be governed by rules promulgated by the American Osteopathic Association.

Section 9. A physician should not hesitate to seek consultation whenever she/he believes it is in the best interest of the patient.

Section 10. In any dispute between or among physicians involving ethical or organizational matters, the matter in controversy should first be referred to the appropriate arbitrating bodies of the profession.

Section 11. In any dispute between or among physicians regarding the diagnosis and treatment of a patient, the attending physician has the responsibility for final decisions, consistent with any applicable hospital rules or regulations.

Section 12. Any fee charged by a physician shall compensate the physician for services actually rendered. There shall be no division of professional fees for referrals of patients.

Section 13. A physician shall respect the law. When necessary a physician shall attempt to help to formulate the law by all proper means in order to improve patient care and public health.

Section 14. In addition to adhering to the foregoing ethical standards, a physician shall recognize a responsibility to participate in community activities and services.

Section 15. It is considered sexual misconduct for a physician to have sexual contact with any patient with whom a physician-patient relationship currently exists.

Section 16. Sexual harassment by a physician is considered unethical. Sexual harassment is defined as physical or verbal intimation of a sexual nature involving a colleague or subordinate in the workplace or academic setting, when such conduct creates an unreasonable, intimidating, hostile or offensive workplace or academic setting.

Section 17. From time to time, industry may provide some AOA members with gifts as an inducement to use their products or services. Members who use these products and services as a result of these gifts, rather than simply for the betterment of their patients and the improvement of the care rendered in their practices, shall be considered to have acted in an unethical manner.

SECTION 18. A physician shall not intentionally misrepresent himself/herself or his/her research work in any way.

SECTION 19. When participating in research, a physician shall follow the current laws, regulations and standards of the United States or, if the research is conducted outside the United States, the laws,

regulations and standards applicable to research in the nation where the research is conducted. This standard shall apply for physician involvement in research at any level and degree of responsibility, including, but not limited to, research, design, funding, participation either as examining and/or treating provider, supervision of other staff in their research, analysis of data and publication of results in any form for any purpose.

Accreditation

LMU-DCOM is accredited by the American Osteopathic Association Commission on Osteopathic College Accreditation (COCA). The COCA is the only accrediting agency for predoctoral Osteopathic Medical Education and is recognized by the United States Department of Education (USDE).

Accreditation Standard Compliance and Procedures³

LMU-DCOM complies with and exceeds all standards to achieve and maintain accreditation from the AOA COCA. We value students' voices and concerns. If a student has a concern or grievance about another student, staff member or faculty member they may fill out the "Concern Form" found at: https://cm.maxient.com/reportingform.php?LincolnMemorialUniv&layout_id=101

This form can be filled out anonymously and is routed directly to the Office of the Dean of Students. The form is then referred to the appropriate department for further follow-up as necessary.

If a student has a concern during the regular course of the curriculum, they can submit their concern to the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine. Any specific concern should also be noted on evaluations, as preceptors and Core Rotation Sites do not receive direct knowledge of individual evaluations.

Students wishing to file a complaint related to the accreditation standards and procedures have two options:

- The student may file a complaint in writing to the Dean of LMU-DCOM. Forms are available on the LMU-DCOM website: <u>https://www.lmunet.edu/debusk-college-of-osteopathic-medicine/do/about/accreditation</u>
- The student may file a complaint directly to the Commission on Osteopathic College Accreditation (COCA). The contact information for COCA in the AOA Office of Predoctoral Education is as follows: Secretary, Commission on Osteopathic College Accreditation Division of Predoctoral Education 142 East Ontario Street Chicago, Illinois 60611-2864 Office: 1-800-621-1773 Email: predoc@osteopathic.org

For grievances regarding accommodations, please refer to the LMU-DCOM Doctor of Osteopathic Medicine Program Student Handbook, Section Re: LMU Office of Accessible Education Services.

Students may file a complaint or grievance without fear of retaliation. Retaliation (in any form) towards students filing complaints or grievances is strictly prohibited.

³ Standard 2 Element 2.4: Accreditation Standard Complaint Policies and Procedures (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

<u>Overview</u>

This manual provides an overview of the current policies and procedures of Lincoln Memorial University-DeBusk College of Osteopathic Medicine (LMU-DCOM) that pertain to OMS-III and OMS-IV clinical rotations. LMU-DCOM reserves the right to make changes at any time regarding educational policies, schedules, training sites, evaluation procedures or any other aspects of the clinical training program. Changes will occur, as needed, to maintain educational requirements, standards, or the quality of the program. Every effort is made to notify students in a timely manner when changes are implemented, and new or revised policies are instituted. Changes will be effective on the date of notification. The Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine, whose decision is final, will resolve any conflicts regarding the application or interpretation of the policies contained in this manual. The *LMU-DCOM Student Handbook* is the primary student guide, and the *Clinical Rotations Manual* is a supplement for use by OMS-III and OMS-IV students while on rotations.

Students are expected to comply with the rules, regulations, and policies of affiliate clinical rotation sites. Any conflicts that may arise between statements in this document and policies at affiliate sites should be brought to the attention of the Office of Clinical Education for resolution.

Lincoln Memorial University is an Equal Opportunity and Affirmative Action education institution. In support of its Mission Statement, LMU is committed to equal opportunity in recruitment, admission, and retention of all students and in recruitment, hiring, training, promotion, and retention for all employees. In furtherance of this commitment, Lincoln Memorial University prohibits discrimination⁴ on the basis of race, color, ethnicity, religion, sex, national origin, age, ancestry, disability, veteran status, sexual orientation, marital status, parental status, gender, gender identity, gender expression, and genetic information in all University programs and activities. Instructions for reporting potential violations can be found at: https://www.lmunet.edu/office-of-institutional-compliance/index

Diversity Statement⁵

LMU-DCOM recognizes that fostering diversity among its students, faculty, staff, and administration is essential to prepare outstanding health professionals and educators. Only by reflecting, embracing, and nurturing the varied traits, values, and interests of the people across Appalachia and beyond can LMU-DCOM effectively train physicians to provide quality and compassionate health care for all.

Diversity, equity, and inclusion are important concepts that govern how LMU-DCOM operates. Diversity involves embracing a wide range of varied backgrounds, identities, characteristics, experiences, and perspectives. Equity involves fairness and justice in access, treatment, and opportunity. Inclusion involves intentional, active participation and contribution by everyone.

LMU-DCOM values and supports a community that is diverse in race, ethnicity, culture, sexual orientation, sexual identity, gender identity and expression, socioeconomic status, language, national origin, religious affiliation, spiritual practice, mental and physical ability/disability, physical characteristics, veteran status, political ideology, age and any other status protected by law in the recruitment and admission of students, recruitment and employment of employees, and in the

⁴ Standard 1 Element 1.5a: Non-Discrimination (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

⁵ Standard 5 Element 5.2: Diversity. The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

operation of all its programs, activities, and services.

We acknowledge the strengths and weaknesses of our history and are continually trying to cultivate a community that values diversity, challenges discrimination and injustices, and addresses disparities and inequities.

LMU-DCOM is committed to providing equal access to educational and employment opportunities. We strive to maintain an environment that is safe, civil, respectful, humane, and free of all forms of harassment and discrimination. LMU-DCOM pledges to train highly educated, culturally sensitive professionals who mirror the diverse populations they serve.

Office of Clinical Education

Mission and Basic Procedures

- 1. The Office of Clinical Education oversees all aspects of the medical student's clinical education throughout OMS-III and OMS-IV years.
- 2. Each student is assigned an LMU-DCOM Rotations Coordinator who serves as the student's primary on-campus contact.
- 3. LMU-DCOM Rotations Coordinators assist students with scheduling clinical rotations and monitor students' progress toward meeting curricular requirements.
- 4. Clinical rotation assignments are based on multiple factors, including availability of preceptors and the interests and preferences of the individual student. Rotation assignments may change secondary to multiple factors at the rotation site.
- 5. Students are encouraged to share information such as clinical interests, preferences for locations, and types of facilities (rural community vs. urban academic) with their LMU-DCOM Rotations Coordinator, as this information can be helpful when scheduling rotations.

Office Hours and Communications

- 1. Hours for the Office of Clinical Education are 8:00 am to 4:30 pm, Eastern Time, Monday through Friday. Please note that the LMU campus is closed for specific holidays and occasionally for weather emergencies.
- The preferred method of communication with the Office of Clinical Education is via LMU email. It is the student's responsibility to check their LMU email account *daily* for notifications and instructions from LMU. Please initiate communication through your LMU email account only. Messages will not be read from or sent to students' personal email accounts. Telephone communication is always acceptable and is preferred for emergencies.

Office of Clinical Education Contact Information

Clinical Education (OMS-III and OMS-IV) Faculty

Name	Title	Phone	Email		
Name		FIIOIIE	Eman		
Anya Cope, DO	Associate Dean of Clinical Affairs & Associate Professor of Internal Medicine	423-869-6605	anya.cope@LMUnet.edu		
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Clinical Education Staff

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Anita Sutton	Clinical Rotations Director	423-869-6497	anita.sutton@LMUnet.edu	
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	Clinical Relations Coordinator			
Lea Roy	(Affiliation Agreements, Preceptor Payment)	423-869-6758	lea.roy@LMUnet.edu	
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Other Helpful Contacts

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	Director, Alumni Services & CME (MATCHMaker			
Amy Drittler, MS	Program; Faculty Development and CME)	423-869-6252	amy.drittler@LMUnet.edu	
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Eligibility for Rotations⁶

- 1. To be eligible to begin OMS-III clinical rotations, students must successfully complete all components of the OMS-II curriculum.
- 2. To be eligible to begin OMS-IV clinical rotations, students must successfully complete all components of the OMS-III curriculum.
- 3. Students must have current training in Basic Life Support (BLS), Advanced Cardiac Life Support (ACLS), OSHA Safety, HIPAA Compliance, Universal Precautions, and sterile technique. Much of this training is provided on campus at the end of OMS-II year.
- 4. Students are responsible for keeping a copy of BLS and ACLS certification cards to present to training sites upon request. The certification is valid for two years. It is the student's responsibility to recertify in both BLS and ACLS to ensure continuous certification throughout their OMS-III and OMS-IV years. Many rotation sites routinely offer certification/recertification classes, often free of charge to students. Certification/Recertification classes are also available at LMU-DCOM.
- 5. The following documentation must be uploaded by the student to **both the CastleBranch** Clinical Compliance Platform and to E*Value by April 15th of OMS-II year. Detailed instructions on how to upload these documents are provided by email from the Office of Clinical Education. Both platforms provide a secure account to monitor the requirements of LMU-DCOM as well as the requirements of individual clinical rotation sites. CastleBranch tracks student compliance with LMU-DCOM standards. E*Value tracks compliance with the requirements of clinical rotation sites and is accessible to Core Rotation Site Coordinators.

⁶ Standard 6 Element 6.9: Clinical Education (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

- a. <u>Immunizations and Titers</u>: (must include date received)
 - i. Vaccines:
 - Hepatitis B Series
 - MMR booster (if needed based on titers)
 - TDaP (every 10 years)
 - Varicella booster (if needed based on titers)
 - ii. Vaccine Titers to prove immunity:
 - Varicella IgG titer
 - Measles IgG titer
 - Mumps IgG titers
 - Rubella IgG titer
 - Hepatitis B Surface Antibody titers
- b. <u>Health Insurance</u>: Students must have health insurance coverage and provide a copy of the insurance card.⁷
- c. <u>Flu Vaccine</u>: To meet CDC guidelines, flu vaccines must be obtained between October 1st and October 31st each year. An annual influenza vaccination must be on file with the Office of Clinical Education by November 1st of each year. Students should keep proof of vaccination to provide to rotation sites upon request.
- d. <u>COVID vaccine</u>: Most rotation sites will require proof of COVID vaccination. Students will upload COVID vaccination documentation to E*Value. Students who are unable to comply with a training site's COVID vaccination requirement, due to declining the vaccine or inability to obtain a valid exemption accepted by the training site, must request a leave of absence through LMU-DCOM's Office of Clinical Education.
- e. <u>TB Skin Test:</u> An annual TB skin test must be current and on file with DCOM each year. Students are responsible to have the test completed before the annual expiration date. Students who fail to do so will not be allowed to continue rotations until testing is completed. Many clinical training sites will provide this at reduced cost to the student. Students must ensure test results are on file with DCOM.
 - If TB testing is positive, a TB questionnaire must be completed each year. The questionnaire can be found on CastleBranch. In addition, a chest radiograph (Chest X-Ray) is required every three years. Clinical sites may require a chest radiograph and QuantiFERON Gold testing. It is imperative that students pay close attention to the requirements at each training site.
- f. <u>Criminal Background Check:</u> A current criminal background report must be completed before matriculation and prior to beginning clinical rotations. You may also be required to obtain a criminal background report for audition/sub-internship rotations.
- g. <u>Drug Screen:</u> A drug screen must be completed annually using the codes provided by the Office of Clinical Education.
- 6. Clinical training sites may require additional testing/documentation requirements not included in the above list. Additional requirements may include, but not be limited to, a recent physical examination, **site-specific drug screens**, and background checks in addition to those provided by LMU-DCOM. Students must pay close attention to rotation requirements when applying for rotations at non-LMU-DCOM sites, as these additional requirements are at an added expense to be *covered by the student*.

⁷ Standard 9 Element 9.11: Health Insurance. The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

- 7. Students must adhere to and comply with facility-specific orientation, training, and documentation requirements for each rotation site. Please keep in mind that these requirements and training may seem to be redundant. For example, students may be required to attend HIPAA training at each training site. Despite redundancy, training must still be completed, as required, by each rotation site.
- 8. Specific questions regarding any of the above requirements should be directed to the Office of Clinical Education.

Core Rotation Sites

- 1. LMU-DCOM has developed clinical teaching agreements with community-based clinical Core Rotation Sites. Students will work closely with practicing physicians and experience direct interactions with the patients, families and communities served by the Core Site. A current list of LMU-DCOM Core Rotation Sites with contact information is included as **Appendix A** of this manual.
- <u>Clinical Site Coordinators</u>: At each Core Site, there is a Clinical Site Coordinator who manages day-to-day activities of students. These activities include preceptor assignments, evaluations, lectures and other didactic activities and end-of-rotation COMAT exams. The Site Coordinator will communicate with students before Core Rotations begin regarding hospital orientation, housing options, student expectations, etc.
- 3. <u>Director of Student Medical Education</u>: At each Core Site, there is a Director of Student Medical Education (DSME) who serves as a physician liaison between students and the Office of Clinical Education at LMU-DCOM. Students can contact the DSME with any questions, concerns, or problems regarding a rotation, preceptor, or site.
- 4. Students are given patient care responsibilities that progress in complexity as their level of clinical skills and knowledge increases. Learning objectives and assessment methods are the same for each course/rotation across all clinical sites.

Core Rotation Site Assignment

- 1. Before the completion of OMS-II year, students rank their top choices for Core Rotation Site placement. Using the E*Value "optimization scheduling" tool, Core Sites will be assigned based on, to the extent possible, the student's top choices.
- 2. To participate in the "optimization scheduling" process, students must be current with all CastleBranch documentation requirements. Those students who have not completed all required documentation in CastleBranch will be given lowest priority for Core Site selection.
- 3. Students who believe they have a hardship which precludes them from being at certain Core Sites may ask for special consideration in the notes section of the E*Value Core Rotation Site ranking. Hardship situations will be granted on a case-by-case basis and are typically limited to medical conditions of the student.
- 4. There will be a one-week trading period after the schedule is received when students will be allowed to trade their Core Site with another student. After this trading period, Core Site assignment will be final. Financial compensation between students is not allowed for Core Site trades. Trading in this manner is a violation of school policy and will result in disciplinary action, up to and including dismissal from LMU-DCOM.
- 5. After Core Site assignment, a draft rotation schedule will be posted on E*Value.
- 6. Please note that the initial schedule posted on E*Value is not the final schedule and may be revised by the Core Site, based on preceptor availability. The Core Site will provide a final schedule.

General Student Guidelines for Rotations

COVID-19 Policy

- 1. The COVID-19 pandemic has created a number of challenges for the clinical learner. Policies and recommendations with respect to exposure, treatment, quarantine periods and personal protective equipment are constantly changing and evolving as our understanding of this disease process continues to grow.
- 2. It is the intention of LMU-DCOM to provide a safe and healthy learning environment for our students. To that end, LMU-DCOM is committed to the personal safety of students, patients, and the healthcare team.
- 3. LMU-DCOM is cognizant of the geographic variation of COVID-19. This variation will potentially result in a disparity of institutional policies with respect to medical student requirements for participation in clinical activities at a given site.
- 4. Students participating in clinical activities at individual clinical sites will follow the institutional policies specific to those sites, in accordance with federal, state and CDC guidelines. Students that have any questions or concerns regarding the policies or personal protective equipment provided at any given educational site should contact the LMU-DCOM Office of Clinical Education with their concerns.
- 5. Many rotation sites will require proof of COVID vaccination. Students will upload COVID vaccination documentation to E*Value. Students who are unable to comply with a training site's COVID vaccination requirement, due to declining the vaccine or inability to obtain a valid exemption accepted by the training site, must request a leave of absence through LMU-DCOM's Office of Clinical Education.

COVID-19 During Clinical Rotations

- 1. Students beginning clinical rotations must successfully complete the following requirements found in the Canvas Organization "Class of 2025."
 - a. Complete the "COVID-19 Clinical Precautions" Training Module located on Canvas with a score of 100%.
 - b. Review, initial, sign and submit the Practical Training and Assumption of Risk Form.
- 2. COVID Quarantine Curriculum is required for students in place of any portion of a rotation that is *missed or cancelled* due to COVID. Instructions for these assignments can be obtained from the Office of Clinical Education. You must notify the Office of Clinical Education as soon as you become aware of any absence from rotation related to COVID-19.
- 3. No medical student is required to complete a clinical rotation if they are concerned for their health/safety or the health/safety of a close personal contact. In the event that a medical student elects to not complete a clinical rotation due to safety concerns they may elect to take a leave of absence from medical school until such time as they are comfortable returning to the clinical training environment. However, all curricular requirements must be met in order to graduate.

E*Value Rotations Management Software

- 1. E*Value Healthcare Solutions is the online program used to schedule clinical rotations, record evaluations, and manage the clinical experiences of students.
- 2. Students receive instructions regarding E*Value from the Office of Clinical Education.
- 3. A username and password are issued to allow students access to their clinical schedule, review evaluations received from preceptors and to complete evaluations of preceptors and rotation sites.

- 4. It is important that students regularly review their schedule on E*Value and report any inaccuracies to their LMU-DCOM Rotations Coordinator.
- 5. E*Value serves as a record of clinical rotations completed and evaluations received. Accuracy is imperative to ensure graduation requirements are met.

Change of Address

- 1. It is important that the Office of Clinical Education be updated on each student's current contact information.
- 2. Failure to promptly report a change in mailing address, telephone number or other contact information can result in failure to receive information important to the successful completion of clinical rotations.
- 3. Each student's current contact information can be found on E*Value. Students should report any corrections to their LMU-DCOM Rotations Coordinator immediately.

Title and Professional Demeanor⁸

- 1. LMU-DCOM ensures that the learning environment of its osteopathic education program is conducive to the ongoing development of professional behaviors in its osteopathic medical students, faculty and staff at all locations and is one in which all individuals are treated with respect.
- 2. Students are referred to as "Student Doctor" in the clinical setting. Students will refer to other professionals in the clinical setting by their appropriate title, such as "Doctor Smith," "Ms. Jones," etc.
- 3. Students are never to represent themselves as licensed physicians. If a student has a doctoral degree in any field, they cannot use this title in any clinical setting related to their current education, whether in a student environment or not.
- 4. Students should expect to be treated as professionals by all clinical personnel and conduct themselves professionally, ethically, and respectfully.
- 5. The relationship between the medical student and patient should always remain at a professional level. The student is not to engage in relationships with patients that is construed as unethical or illegal. Dating and intimate relationships with patients is never a consideration. Unprofessional conduct will be considered improper behavior and will be grounds for disciplinary action, including dismissal from LMU-DCOM.
- 6. Courtesy and a professional demeanor at all times are essential traits for student doctors and physicians.

Rotation Dress Code

- 1. Students should wear clean, wrinkle-free, short white coats and identification (ID) badges.
- 2. The ID badge must always be worn above the waist and be visible at all times.
- 3. In addition to the ID badge issued by LMU-DCOM, students may also be issued an ID badge by the clinical training site to give them access to secure areas.
- 4. Students must wear one or both badges, as instructed by their institution.
- 5. Clothing worn by students should reflect professional status. Shirts, dresses, tailored pants, slacks (ankle length), blouses, skirts and sweaters should be clean, neat, and non-wrinkled. Dresses and skirts must be of sufficient/professional length.
- 6. White coats are expected to be kept clean, pressed and in good repair.

⁸ Standard 5 Element 5.1: Professionalism (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

- 7. Footwear should include casual dress or dress shoes with closed toes.
- 8. Good personal hygiene is expected. Students should not wear perfume or aftershave. Jewelry should be kept to a minimum.
- 9. If an affiliated hospital or a clinical site has a dress code that differs from LMU-DCOM, the student will follow the dress code of that training facility.
- 10. If scrubs are made available by the hospital or facility, these scrubs must be returned to the facility before leaving the rotation.

Liability Insurance

- 1. LMU-DCOM provides professional liability (malpractice) insurance for students during clinical rotations in the amount of \$2 million per occurrence and \$5 million annual aggregate, except in certain states requiring higher limits, where these limits are met.
- 2. Professional liability insurance is in effect only for LMU-DCOM clinical activities that are scheduled and approved by the Office of Clinical Education.
- 3. A copy of the Certificate of Insurance for liability coverage is on file with the Office of Clinical Education.

Clinical Affiliation Agreements⁹

- 1. A clinical affiliation agreement must be in place with each rotation site before the beginning of the rotation.
- 2. The agreement ensures that the clinical experience received by the student meets LMU-DCOM educational standards and curricular requirements.
- 3. A fully executed affiliation agreement must be in place for the student to have professional liability insurance coverage.

Health Insurance Portability and Accountability Act (HIPAA)

- 1. All medical students must complete the Health Information Portability and Accountability Act (HIPAA) training provided by LMU-DCOM. The training notification is provided to all affiliated clinical training facilities.
- 2. Students will abide by the rules established by HIPAA with a focus on maintaining privacy of Protected Health Information (PHI).
- 3. Students are prohibited from discussing patient information in an inappropriate manner or in an inappropriate setting.
- 4. Students are strictly prohibited from posting anything on any social media platform regarding a clinical experience. Some students do not realize that posting information about nameless patients is still a violation of the confidentiality obligation and potentially a HIPAA violation. Therefore, when using social networking sites, do not post any information regarding a patient; do not post photos of surgical cases; do not discuss personal characteristics; do not discuss hospital/clinic procedures. Doing so will result in being called before the Student Progress Committee.
- 5. Students should become familiar with the HIPAA policies and protocol at each clinical training site. These policies may vary between sites.

⁹ Standard 6 Element 6.9: Clinical Education .The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

Student Mistreatment¹⁰

- 1. LMU-DCOM has **zero-tolerance** for student mistreatment. See **Appendix B** for examples of student mistreatment.
- 2. If you feel that you have been mistreated, please notify the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine.
- 3. Grades and evaluations are **NOT** impacted by reporting student mistreatment.

Sexual Harassment/Title IX Policy and Grievance Process

The LMU Office of Institutional Compliance oversees the University's compliance with federal and state law, including the provisions of Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendment of 1972, Sections 503 and 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act (ADA) of 1990, the ADA Amendments Act of 2008, Executive Order 11246, the Vietnam Era Veterans Readjustment Act of 1974 as amended by the Jobs for Veterans Act, the Uniformed Services Employment and Reemployment Rights Act, as amended, the Genetic Information Nondiscrimination Act of 2008, and the Tennessee Human Rights Act. Complaints of discrimination under federal and state law are handled by the Office of Institutional Compliance.

- 1. Title IX of the Education Amendments of 1972 prohibits discrimination on the basis of sex and/or gender in federally funded education programs or activities.
- 2. The LMU Sexual Harassment Policy and Grievance Process is the University's policy implementing Title IX and its related federal regulations. The policy can be found at www.lmunet.edu/titleix.
- 3. All LMU Employees, except counselors in the LMU Office of Mental Health Counseling in the course of treatment, are mandatory reporters. This means that they are required to report actual or suspected knowledge of sexual harassment to the Title IX Coordinator.
- 4. For more information, or to submit a complaint, please contact:

Title IX Coordinator/Institutional Compliance Officer <u>titleix@lmunet.edu</u>

Student Health¹¹

Needle Stick and Blood Borne Pathogen Exposure

If a student experiences a needle stick, sharps injury, or has exposure to bodily fluids while on a clinical rotation, the student should:

- 1. **Immediately** wash the area, scrubbing skin with soap and water or go to an eyewash station if eyes are affected.
- 2. Immediately report the incident to the physician preceptor and employee health if the incident occurred in the hospital. Prompt reporting is essential. In some cases, post-exposure treatment may be recommended and should be started as soon as possible. If there is potential exposure to HIV, it is imperative to initiate prophylactic treatment within two hours of the incident. Without prompt reporting, the source patient may be discharged or lost to follow up before testing for infectious disease can be conducted.

¹⁰ Standard 5 Element 5.1: Professionalism (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

¹¹ Standard 5 Element 5.3: Safety, Health, and Wellness . The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

- 3. Seek post-exposure services. Clinical sites will have a policy in place for exposure to blood borne pathogens, with a point of contact. The student should follow the policy of the training site. If at a Core Site, contact the Site Coordinator and Nursing Supervisor for instructions. If on a non-Core Rotation, contact the nursing supervisor. If it is after hours or if the student cannot locate a person to guide them, the student should go immediately to the emergency department and identify themselves as a student who has just sustained an exposure. Be sure to present your personal insurance card (primary insurance) and the First Agency insurance card (secondary insurance) for claims processing.
- 4. Complete and submit the LMU Incident Report. The student must report the incident to their LMU-DCOM Clinical Rotations Coordinator and complete and submit the LMU Incident Report within 24 hours of the exposure. The training site may require the student to complete a separate incident report for their facility. The LMU Incident Report can be obtained from the Office of Clinical Education by contacting the Administrative Assistant for Clinical Affairs. It is extremely important that students report incidents within 24 hours to LMU-DCOM to avoid problems occurring later with reimbursement for post-exposure treatment.
- 5. **Costs Incurred.** Many training sites provide post-exposure treatment to students free of charge. If there are charges for services, the student must file all medical claims to their personal medical insurance first, then to the LMU intercollegiate policy. The student must:
 - a. File a claim with their personal insurance policy. (DO NOT file as workers compensation)
 - b. Provide the First Agency insurance card as a secondary insurer.
 - c. Complete the LMU intercollegiate claim form obtained from the Office of Clinical Education.
 - d. Make a copy of the front and back of your primary insurance card.
 - e. Collect all bills associated with the incident not paid by the insurance company.
 - f. Keep a copy of the Explanation of Benefits (EOB) provided by your insurance company.
 - g. Collect a billing statement from the billing office of the facility where treatment was received.
 - h. Submit all items listed to:

Administrative Assistant for Clinical Affairs LMU-DCOM 6965 Cumberland Gap Parkway Harrogate, TN 37752 Phone: 423.869.6237 FAX: 423.869.6016 Email: DCOM.Clinical@LMUnet.edu

Personal Medical Care while on Rotation¹²

- If a student should need *emergency care* while on rotations, <u>it is recommended that the student</u> <u>report to the nearest emergency room or call 911 at the time of the emergency</u>. The student's safety is of the utmost importance to LMU-DCOM.
- 2. Helpful links for finding care:
 - US Hospital Finder Find a hospital near you
 - Urgent Care Finder Find an Urgent Care Center Near Me
 - Healthline FindCare | Find Doctors Near Me | Schedule Online

¹² Standard 9 Element 9.9: Physical Health Services (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

- If you have insurance through LMU-DCOM, you may use the link to find an in-network facility and/or provider: <u>https://www.uhc.com/find-a-doctor</u>
 - Note: These links do not take into consideration your personal insurance provider. To find an in-network facility and/or provider, you should contact (via phone or website) your personal insurance provider when medically stable to do so.
- 3. If a student becomes ill or has an emergency health issue while on-site during their rotation, the training facility can render care, but is not responsible for the cost of such care.
- 4. Students are financially responsible for any medical care they receive at a training site.
- 5. A health professional providing health services, via a therapeutic relationship, must recuse themselves from the academic assessment or promotion of the student receiving those services. The student must contact the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine for completion of evaluation if their preceptor has provided personal medical care while on rotation.

Mental Health Services¹³

- 1. <u>Empathia</u> is a professional, confidential service provided by LMU-DCOM to give immediate access to a comprehensive network of experts and information that can help students handle life's challenges while on rotations.
- 2. The service provides students with a team of professional staff and specialists who can be reached by telephone 24/7, including holidays and weekends, at no cost to the student.
- 3. All students are eligible to receive face-to-face or virtual counseling, up to five free sessions per issue per year. Empathia staff will connect you to available providers in and around your location. Empathia can be reached at 1-866-332-9595.
- 4. A full description of <u>Empathia</u> Student Support Programs can be found in **Appendix C** of this manual.
- 5. For additional questions, contact:
 - Director of Students and Academic Advancement (Refer to section 'Other Helpful Contacts' for contact information)

Disaster Preparedness, Hazardous Weather, and Emergency Situations

The health and safety of our students, faculty and staff are the primary concern of LMU-DCOM and are the guiding principles behind our management of catastrophic events.

- 1. In the event of an emergency, natural disaster, or severe weather, students are expected to follow the policies and procedures outlined at the specific Core Site or facility where they are located.
- 2. Hazardous weather advisories/direction from local services and the National Weather Service should be followed.
- 3. In the event of such an emergency, the student should notify the Office of Clinical Education at LMU-DCOM as soon as is feasible as to their location, updated contact information, and status.
- 4. If LMU-DCOM does not receive notification from a student involved in an emergency/disaster situation within 12 hours, every effort will be made to contact the student to confirm their whereabouts and safety.

¹³ Standard 9 Element 9.8: Mental Health Services (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

- 5. If a student's rotation schedule is interrupted due to hazardous weather conditions or other emergency, students should contact their LMU-DCOM Rotations Coordinator as soon as possible.
- 6. LMU-DCOM will make every effort to assist in arrangement for alternative housing, training, and other supportive needs for students involved in unforeseen events/natural disasters.

Personal Safety and Security on Rotation¹⁴

- 1. Students who experience an incident regarding their personal safety should report the incident to the appropriate authority immediately. The student should then report any incident(s) regarding their personal safety to the Office of Clinical Education at LMU-DCOM as soon as possible.
- 2. To ensure student safety at clinical rotation sites, the Office of Clinical Education conducts routine site visits to evaluate the safety of students at those clinical sites. Any clinical site deemed unsafe is immediately discontinued. If you feel unsafe due to a patient or employee at your rotation site, immediately report this to your preceptor, the office manager, or security. If this is not addressed immediately by on-site personnel, report it to the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine.
- 3. If there is ever a safety concern with a preceptor or Core Rotation Site, the student should report it immediately to their LMU-DCOM Rotations Coordinator and the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine.
- 4. Safety Tips:
 - a. Do not leave valuables such as your wallet, cellular phone, checkbook, jewelry, lab coat or keys in open view.
 - b. Be sure to mark easily stolen items like cell phones and computers. Keep a list of serial numbers, model numbers and descriptions so that these items can be easily distinguished.
 - c. Lock doors and windows when going out. Never prop doors open when entering/exiting an apartment/dormitory building it is too easy for someone paying attention to sneak in.
 - d. Do not store a large amount of cash in your wallet.
 - e. Use the "buddy system" go out with a friend, especially if you are going out late at night.
 - f. Walk purposefully. Look confident. Watch where you are going. Avoid shortcuts through isolated areas. Be alert to your surroundings. If you have concerns at your rotation location, call the health care facility security for an escort.
 - g. If you see unusual activity or someone loitering, call Security immediately.

Driving/Parking Safety

- 1. Lock all doors and close all windows when leaving your car.
- 2. Park in well-lit areas and try not to walk alone to/from parking areas at night. Call security for an escort if available.
- 3. Have your keys ready as you approach your vehicle. Check for intruders before entering and lock the door immediately after getting into your vehicle.
- 4. If you must store valuables in your vehicle, store them out of sight (preferably locked in trunk).

¹⁴ Standard 4 Element 4.2: Security and Public Safety. The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

Patient Care Activities and Supervision¹⁵

- 1. Each Core Site will define the degree of student involvement in patient care activities at that facility.
- 2. Students must comply with all of the general and specific rules and medical ethics established by the hospital, clinic or facility at which they are being trained.
- 3. Students are always under the direct supervision of a licensed healthcare provider. Students are not legally or ethically permitted to practice medicine or independently assume responsibility for patient care.
- 4. The attending physician is responsible for the medical care of the patient. A student may be involved in assisting in the care of a patient, but only under the direct supervision of a licensed physician or other licensed healthcare provider while on the assigned clinical rotation.

Medical Records/Charting

- 1. Students may document services in the medical record; however, the supervising physician must verify in the medical record all student documentation or findings, including history, physical exam and/or medical decision making. The supervising physician may verify specific information that the student documented in the medical record rather than re-documenting this work.
- 2. Rotation sites may have designated pages in the paper chart, often brightly colored, set aside for student documentation. This allows the student to practice their documentation skills but will not become a part of the permanent medical record. These notes should also be reviewed and signed by the supervising physician. If dictation or computerized entry by students is allowed, those notes must also be reviewed and signed by the attending physician.
- 3. Students are responsible for obtaining charting/documentation instructions from the preceptor or clinical site coordinator at each rotation site. The student must always sign and date all entries into the medical record by name and educational status, such as John Smith, OMS-III.
- 4. Student notes are never to serve as the attending physician's notes.

Students as Scribes

- 1. Scribes are authorized by a licensed practitioner to transcribe spoken word during a clinical encounter. Scribes do not interact directly with patients, but document activities of the provider.
- 2. LMU-DCOM recognizes that there may be occasions when students may act to document information for a preceptor.
- 3. Use of LMU-DCOM students as scribes should be extremely limited and have an educational purpose, such as observing and documenting a complex clinical encounter or demonstrating documentation skills at the beginning of a rotation.
- 4. Students should not function in the role of a scribe during a clinical rotation and are expected to interact with patients.

¹⁵ Standard 5 Element 5.4: Patient Care Supervision (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

Clinical Rotations Curriculum

Curriculum Design

- 1. Students will complete twenty-one (21) clinical rotations throughout their OMS-III and OMS-IV years.
- 2. Each clinical rotation is a four (4) week block, represented as a single (1) course on the student transcript.
- 3. The OMS-III year is comprised of eleven (11) four-week rotation blocks.
- 4. The OMS-IV year is comprised of ten (10) four-week rotation blocks.
- 5. Students have one (1) four-week block of independent study in third year and one (1) four-week block of independent study in fourth year.
- 6. Rotations are designed to provide students with "hands-on" clinical experience under the supervision of approved clinical preceptors.
- 7. Didactic activities provided by LMU-DCOM will be completed in addition to and concurrent with clinical experiences and are a required part of the curriculum. Didactic activities assigned by the Core Site and independent preceptors must also be completed by the student.

Rural and Underserved Clinical Training

- 1. The clinical curriculum provides significant exposure to the health disparities faced by rural and medically underserved populations.
- 2. Students are exposed to the barriers faced by these populations and will gain frontline experience and skills in how to address those barriers.
- 3. Rural/Underserved rotations serve as an introduction to community medicine and serve to enhance access to comprehensive health care for underserved communities.

OMS-III Rotations		OMS-IV Rotations			
Core OMS-III Rotations:			Required OMS-IV Rotations		
Behavioral Health	DO CLIN 801	4 weeks	Emergency Medicine	DO CLIN 903	4 weeks
Internal Med/Hospital Med I	DO CLIN 802	4 weeks	Rural/Underserved Outpatient Care	DO CLIN 904	4 weeks
Internal Med/Hospital Med II	DO CLIN 803	4 weeks			
Women's Health	DO CLIN 804	4 weeks			
General Surgery	DO CLIN 805	4 weeks			
Pediatrics	DO CLIN 806	4 weeks			
Family Medicine/Primary Care I	DO CLIN 807	4 weeks			
Family Medicine/Primary Care II	DO CLIN 808	4 weeks			
CORE GME					
OMS-III Selective Rotations		OMS-IV Elective Rotations			
Surgical Selective	DO SELE 816	4 weeks	Elective 1	DO ELEC 924	4 weeks
			Elective 2	DO ELEC 925	4 weeks
			Elective 3	DO ELEC 926	4 weeks
OMS-III Elective Rotations		Elective 4	DO ELEC 927	4 weeks	
Elective 1	DO ELEC 825	4 weeks	Elective 5	DO ELEC 928	4 weeks
Elective 2	DO ELEC 825	4 weeks	Elective 6	DO ELEC 929	4 weeks
	DO LLEC 020	- WCCK5	Elective 7 (Rural/Underserved) Elective	DO ELEC 930	4 weeks
			8 (Medical Subspecialty)	DO ELEC 931	4 weeks
Independent Study		4 weeks	Independent Study		4 weeks

Clinical Rotations Outline

Rotation Schedule Changes – The "Sixty-Day Rule"

- 1. When a rotation on the schedule is confirmed, students cannot change that rotation schedule.
- 2. Students may request changes to selective or elective rotations as long as those requests are made **60-days in advance** of the rotation start date. Changes with less than 60-days notice will only be considered in extreme circumstances after review by the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine.
- 3. The student should send the request, with the reason for the change, by email to their LMU-DCOM Rotations Coordinator. Each request will be considered on a case-by-case basis. A request does not guarantee a change to the schedule.
- 4. Please keep in mind that unexpected changes may occur to a student's schedule, beyond the control of LMU-DCOM (preceptor illness, preceptor schedule change, etc.). Under these circumstances, every effort will be made to accommodate the student. The LMU-DCOM Rotations Coordinator will contact the student to include them in the rescheduling process as soon as possible.

Rotation Syllabi

- 1. A syllabus for each rotation, including rotation requirements, didactics, and grading criteria is posted on **Canvas**.
- 2. Most course assignments are completed/submitted on the **Canvas** platform by the students.
- 3. Syllabi are also posted on E*Value, where they are available for preceptors to view.

General Rotation Requirements

Attendance

- 1. One hundred percent (100%) attendance is expected at all clinical rotations.
- 2. Any absence during scheduled rotation work hours, including illness, must be excused by the preceptor and the Office of Clinical Education in advance. Illness must be reported to the preceptor and Site Coordinator as soon as possible. Absence from a rotation in excess of two days or any unexcused absence will be reviewed by the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine and could result in failure of the rotation and appearance before the Student Progress Committee.
- 3. Any absence during rotation work hours must be made up by the student according to a plan that is pre-approved by the Office of Clinical Education.
- 4. Absences will not be excused for travel to elective rotations or medical mission work.
- 5. The student may be excused, with prior approval from the Office of Clinical Education, for COMLEX USA examinations. Two days (one travel day and one test day) of excused absence is allowed for COMLEX Level 2-CE. The Clinical Skills Workshop will be addressed separately. These absences must be requested and approved in advance consistent with the policies contained in the *Student Handbook.*
- 6. Time missed for residency interviews must be made up by the end of the rotation. Students are encouraged to schedule interviews during their Independent Study time. With virtual interviews, it is easier for students to schedule interviews for one-half of the day and return to rotation for the remaining half of the day.
- 7. Fulfillment of the academic program at LMU-DCOM is the top priority and it is the student's responsibility to fulfill all course/rotation requirements.

8. Failure to adhere to the LMU-DCOM attendance policy is considered unprofessional behavior and will be subject to disciplinary action, including meeting with the Student Progress Committee with possible dismissal.

Duty Hours and Fatigue Mitigation¹⁶

- 1. The LMU-DCOM academic calendar does not apply to students on clinical rotations. Each clinical training site sets its own schedule.
- 2. Night call, weekend coverage, and holiday assignments are at the discretion of the training site.
- 3. A typical day will begin at 7:00 a.m. and end at 7:00 p.m. Work hours are at the discretion of the supervising physician.
- 4. A typical workweek is 60-72 hours per week. The workweek shall be limited to a minimum of 40 hours and a maximum of 84 hours.
- 5. Students must complete a minimum of 160 hours over the course of the 4-week period.
- 6. Rotations may not be shortened by working extra hours some weeks in an effort to complete the rotation in less than four weeks.
- 7. The maximum duration of any work period will be 24 hours and must be followed by a minimum of 12 hours off duty.
- 8. No student shall be required to be on call or perform night duty after a day shift more than once every three days.
- 9. Students shall be given a minimum of two days off every 14 days. This requirement may be met by giving a student every other weekend off but is at the discretion of the supervising physician/preceptor.
- 10. If a student experiences fatigue while on shift and feels unsafe in treating patients or to commute from the hospital, the student should notify their preceptor, the Site Coordinator and/or the Office of Clinical Education to facilitate alternate arrangements. The student should not fear retaliation for notification of fatigue.

Rotation Limits

- Throughout OMS-III and OMS-IV years (in total), students may not complete more than six (6) elective/selective rotations in the same specialty. For example, a student who is interested in vascular surgery may complete a surgical selective in vascular surgery and then up to five (5) elective rotations in vascular surgery.
- 2. Students may not complete more than two (2) elective/selective rotations with the same preceptor.
- 3. Students may complete only one (1) rotation with a preceptor who is a member of the student's family. A rotation completed with a family member must be an elective rotation with P/F grade.
- 4. A total of eight (8) weeks of research can be done in the clinical curriculum, with a maximum of four (4) weeks of research in the OMS-III year.
- 5. Only one (1) four (4) week rotation during the entire OMS III-IV clinical training period may be completed in the virtual environment. The syllabus and course requirements must be submitted to the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine for review and subsequent approval. These materials must be submitted at least 90 days in advance of the expected start date.

¹⁶ Standard 5 Element 5.3: Safety, Health, and Wellness (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

Professionalism¹⁷

- 1. **Patient Safety:** The student's primary concern should be the health and safety of the patient. Students are expected to exercise good judgement and immediately notify the preceptor of any circumstances which they perceive may lead to patient harm. Before beginning rotations, students receive training in BLS, ACLS, universal precautions, blood borne pathogens and potential health risks. Students will perform only procedures authorized by the preceptor and all procedures shall be performed under the supervision of the preceptor or other licensed provider.
- 2. Cultural Competence¹⁸: Patient safety depends on culturally competent provision of care. Students must demonstrate respect and empathy for all persons of diverse cultures, values, and beliefs. Students will develop an understanding of the role that culture plays in how the patient perceives health and illness and responds to various symptoms, diseases, and treatments. While first considering the health of the patient, the student will learn to meet the social, cultural, and linguistic needs of a diverse patient population.
- 3. Interprofessional Collaborative Practice¹⁹: While on rotations, students will interact with interprofessional healthcare teams, including other students. Understanding other professions and their student's role in the healthcare team is critical. Students will develop a team-based collaborative approach to patient care and understand that team interaction and communication improves patient outcomes and quality of care.
- 4. Alcohol and substance abuse during clinical rotations will not be tolerated. Students receiving DUI's or found to be using illegal or non-prescribed substances will be removed from their rotation and will go before the Student Progress Committee. Please refer to the LMU-DCOM Student Handbook for specific details.
- 5. **Student/Patient Relationship:** The relationship between the medical student and patient should always remain at a professional level. The student is not to engage in relationships with patients that are construed as unethical or illegal. Dating and intimate relationships with patients is never a consideration. Unprofessional conduct will be considered improper behavior and will be grounds for disciplinary action, including dismissal from LMU-DCOM.
- 6. **Student Conduct:** DCOM students are expected to conduct themselves at all times in such a way that brings credit to themselves, to LMU-DCOM, and to the Osteopathic Profession.

Non-Clinical Experiences

- 1. It is important for students to participate in non-clinical experiences (e.g., tumor board, journal club, hospital committees, etc.) in order to understand and appreciate the full spectrum of activities in which physicians are involved.
- 2. Students are expected to participate in as many non-clinical experiences as recommended by the preceptor.

¹⁷ Standard 5 Element 5.1: Professionalism (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

¹⁸ Standard 5 Element 5.2: Diversity. The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

¹⁹ Standard 6 Element 6.8: Interprofessional Education for Collaborative Practice (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

Procedure/Clinical Skills Log

- 1. Students are encouraged to utilize the Case Logs on **E*Value** to record procedures as they are performed.
- 2. Student grades will not be influenced by the number of procedures recorded, but the log will serve as a method for students to track their performance of common procedures typically encountered during clinical rotations.
- 3. Many residency programs will request a list of procedures performed by students.
- The log can serve as a tool to assist LMU-DCOM to evaluate the clinical experiences received by students at various training sites. A list of common procedures is found on E*Value under the Case Logs menu.

OMS-III Clinical Rotations and Requirements

Core Clinical Rotations, OMS-III

Students are expected to complete all Core Clinical Rotations at their Core Rotation Site with exceptions granted based upon preceptor and rotation availability. These exceptions are very limited and on a case-by-case basis.

- 1. Behavioral Medicine: The rotation is a four-week clinical training experience designed to prepare medical students to promote positive behavior changes necessary for the most effective patient care regardless of the students' ultimate specialty choice. The rotation will invite and encourage self-reflection and challenge basic assumptions about the nature of human behavior. Under the supervision of clinical faculty/preceptor, students will have the opportunity to observe, interview, examine, and manage where appropriate a variety of patients with common neuropsychiatric disorders. Emphasis is placed on the medical student learning the triage and community integration of treatment models treating the patient in the setting closest to home rather than in the inpatient psychiatric hospital. This month will offer the integration of the inpatient psychiatric model with the goal of community treatment and placement for the mentally ill.
- 2. Internal Medicine/Hospital Medicine I and II: This competency-based rotation is designed to introduce the student to Internal Medicine and instill within them the basic abilities of the Internist. The student will learn about the treatment of acute and chronic diseases of Internal Medicine. This 4-week rotation concentrates on the care of the adult patient in the inpatient and outpatient setting. The student will learn to apply clinical knowledge while learning how to function as part of a healthcare team. IM/Hospital Medicine I has a corresponding rotations of IM/Hospital Medicine II. It is recommended that, when possible, IM/Hospital Medicine II be completed in the inpatient setting.²⁰
- 3. Women's Health: This rotation will provide students with comprehensive knowledge and practical skills in the field of Women's Health. This rotation focuses on developing an understanding of the unique aspects of women's health care including preventative care, reproductive health, gynecological disorders, and common obstetric conditions. Students will have the opportunity to work alongside experienced healthcare professionals in a variety of clinical settings to gain hands-on experience and develop critical thinking skills. Students may also gain experience assisting and/or performing common obstetrical or gynecologic procedures if deemed appropriate based upon the professional judgement of the preceptor.

²⁰ Standard 6 Element 6.10: Clinical Experience . The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

- 4. **General Surgery:** The General Surgery rotation consists of a four-week period during which students will actively participate in the evaluation and management of patients with common surgical disorders. Students will actively participate in both the inpatient and outpatient settings. Students are expected to participate in the operating room.
- 5. **Pediatrics:** The Pediatrics Core Rotation will expose the student to general pediatric medicine in multiple settings and all age groups including infants, children, and adolescents. Most of the rotation will be in an outpatient setting. Some students will also be exposed to the nursery, NICU, and Pediatric floor depending on their preceptor and site.
- 6. Family Medicine/Primary Care I and II: During the Family Medicine/Primary Care rotation, students will work with a primary care physician where the full range of preventative and acute care of male and female patients of ages is experienced. The role of preventative healthcare, triage and specialty referral process are included as an essential part of the experience. At least one of the four-week rotations (Family Medicine/Primary Care I and Family Medicine/Primary Care II) must be completed with a family medicine preceptor. The other rotation may be completed in family medicine, outpatient internal medicine or internal medicine/pediatrics, or geriatrics.
- 7. CORE GME Experience: OMS-III students must participate in at least one rotation prior to the fourth year clinical clerkship experience that is conducted in a heath care setting in which the student works with a resident physician currently enrolled in an accredited program of graduate medical education.²¹ This Core experience can be fulfilled with an Elective, Selective or any of the above listed Core Rotations.

Surgical Selective Rotation, OMS-III

- OMS-III students will choose one subspecialty for the surgical selective rotation. The surgical selective may be general surgery or a surgical subspecialty, adult or pediatric, and can be completed in either the inpatient or outpatient setting. Students are expected to participate in the operating room. Rotations must be chosen from the approved list below:
 - Cardiothoracic Surgery
 - General Surgery
 - Gynecological Surgery
 - Neurological Surgery
 - Ophthalmology
 - Orthopedic Surgery
 - Otorhinolaryngology
 - Plastic Surgery
 - Surgical Critical Care
 - Trauma Surgery
 - Urology
 - Vascular Surgery

²¹ Standard 6 Element 6.9: Clinical Education (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

Elective Rotations, OMS-III

- 1. Students will complete two elective rotations during their OMS-III year. The electives may be completed in any discipline at any clinical site approved by the Office of Clinical Education.
- Students that are not at a Core Site with a Graduate Medical Education (GME) program/residency program will use one elective to complete a rotation during the OMS-III year with a resident/residency program.
- 3. <u>Military/HPSP program</u>: Students may apply for a military leadership elective if they must complete Officer Training. Four (4) weeks can be used to fulfill this training. If the training is longer than four (4) weeks, time will be used from Independent Study to meet the additional requirement. Students should send a request by email to their LMU-DCOM Rotations Coordinator. Permission will be granted on a case-by-case basis by the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine.
- 4. <u>Research Elective:</u> Students may complete one research elective during OMS-III, with prior approval by the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine. A research elective may include, but is not limited to, clinical investigation, policy studies, laboratory-based research, or health services research. Research electives must be approved at least 60-days in advance by the Office of Clinical Education. Guidelines/Applications for the research elective can be obtained from the Office of Clinical Education.²² A total of eight (8) weeks of research can be done in the clinical curriculum, with a maximum of four (4) weeks of research in the OMS-III year.

Independent Study, OMS-III

- 1. Students have one four (4) week rotation block of independent study during the OMS-III year. This time is inclusive of study time for the COMLEX Level 2-CE exam.
- 2. Students are strongly encouraged to schedule this time wisely. Time may be needed to repeat a failed rotation, time off for illness or other personal reasons.

Other Rotation Requirements, OMS-III

- 1. A minimum of one (1) OMS-III rotation must be completed under the supervision of an Osteopathic Physician.²³
- 2. More than one OMS-III rotation must be completed in an inpatient facility.²³
- 3. CORE GME Experience: OMS-III students must participate in at least one rotation prior to the fourth year clinical clerkship experience that is conducted in a heath care setting in which the student works with a resident physician currently enrolled in an accredited program of graduate medical education.²³ This Core GME experience can be fulfilled with an Elective, Selective or any of the Core Rotations.
- 4. All OMS-III students are required to return to the Harrogate, TN or Knoxville, TN campuses during their OMS-III year to complete the Clinical Skills Workshop (CSW). See section on Clinical Skills Workshop for more details.
- 5. Students are required to attend 60% of the Fourth Friday Didactics Sessions during the OMS-III year. This is a graduation requirement. See section on Fourth Friday Didactics for more details.
- 6. Students are required to have two (2) Interprofessional Education (IPE) experiences during their OMS-III year. See section on IPE for more details.

²² Standard 8 Element 8.4: Student Participation in Research and Scholarly Activity (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

²³ Standard 6 Element 6.10: Clinical Experience. The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023

Clinical Skills Workshop (CSW)

- 1. All OMS-III students are required to return to the Harrogate, TN or Knoxville, TN campuses during their OMS-III year to complete the Clinical Skills Workshop (CSW).
- 2. CSW may occur virtually if recommended by pandemic guidelines. Students will be notified if this occurs.
- 3. This course is designed to review and assess clinical and OMT skills to ensure competence.
- 4. This training will occur, primarily, during the second half of the OMS-III year. Specific details regarding this event will be sent to OMS-III students.
- 5. Successful completion of the CSW is a GRADUATION REQUIREMENT.
- 6. CSW is P/F and is not a part of a specific rotation grade.

Osteopathic Didactics on Rotations/Fourth Friday Didactics²⁴

- 1. Virtual didactic activities will take place on the afternoon of the last day (fourth Friday) of each rotation block. Activities include:
 - a. Career Services/Counseling to assist with residency selection, ERAS application, and the MATCH process.
 - b. OPP/OMT-based lecture focusing on how to incorporate Osteopathic tenets and treatments into everyday clinical practice.
- 2. Attendance at a specific percentage of these sessions is a GRADUATION REQUIREMENT:
 - a. OMS-III students must attend at least 60% of the Career Services/Counseling <u>and</u> OPP/OMT sessions.
 - b. Students need to log into the session using their LMU email address, have name listed as it is found on LMU gradebook, AND be present for the majority of the sessions (both the Career Services and OMM sessions) in order to get credit for attendance.
- 3. Preceptors and Site Coordinators are aware that attendance is required. If a student experiences difficulty leaving a rotation in order to attend, the student should contact the Office of Clinical Education.
- 4. Students who fail to complete this requirement will have to complete a remedial assignment.

Interprofessional Education (IPE) Requirements, OMS-III²⁵

- 1. Students are required to have two (2) IPE experiences during their OMS-III year.
- 2. One experience must be in person. Students may select to complete the second experience in person, or they may opt to complete a virtual experience on Canvas.
- 3. These experiences are intended to introduce the student to various members of an institution's team with which they would not normally interact.
- 4. This collaborative opportunity will give the student knowledge, insight and a deeper understanding of the multiple and varied components that comprise the healthcare team.
- 5. It is the responsibility of the student to arrange with their preceptor the required time during their rotation. Preceptors are aware of this requirement. Students experiencing any difficulties completing this requirement should notify the Office of Clinical Education immediately.
- 6. The student may choose, at their discretion, the rotation during which they would like to schedule their Interprofessional Educational experience(s).

²⁴ Standard 6 Element 6.6: Principles of Osteopathic Medicine (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

²⁵ Standard 6 Element 6.8: Interprofessional Education for Collaborative Practice (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

- 7. This experience will take place only once during a rotation block and last ½ workday/four (4) hours.
- 8. Students will select an IPE experience from the list below. Each category may only be used only one time.
 - Central Supply/Security
 - Housekeeping/Maintenance
 - Rehabilitation Services (PT, OT, ST)/X-Ray Technician
 - Dietary Food Service
 - Registration/Chaplain
- 9. Students are required to submit an electronic journal reflection using **Canvas** for each of the IPE experiences.
- 10. This component is a P/F GRADUATION REQUIREMENT and will not be calculated into the rotation grade.
- 11. Students must complete two (2) IPE experiences and two (2) reflections by the end of OMS-III rotations.
- 12. Students who fail to complete two (2) IPE experiences and submit two (2) coinciding journal entries will no longer be listed in good academic standing and must complete a remedial assignment.

Scheduling Selective and Elective Rotations

Students may complete selective and elective rotations during their OMS-III and OMS-IV year at their Core Rotation Site or at an approved off-site location, with a preceptor approved by the Office of Clinical Education. A "Sixty-Day Rule" applies to elective and selective rotations, requiring the student to request the rotation sixty days in advance of the rotation start date.

- 1. Take advantage of Selective/Elective rotations available at the Core Site. Students should consult with the Clinical Site Coordinator to determine which rotations are available.
- 2. E*Value: If a student finds a Selective/Elective rotation in which they are interested, they should contact their LMU-DCOM Rotations Coordinator by email to request the rotation. The LMU-DCOM Rotations Coordinator will contact the preceptor to see when they may be available. Instructions for completing a search on E*Value can be found on the E*Value home page. The home page also has a list of active preceptors. The preceptor list is updated regularly, so check back often. The student should not directly contact preceptors listed on E*Value unless instructed to do so by their LMU-DCOM Rotations Coordinator.
- 3. Some sites have unique scheduling requirements. Students are responsible for the submission of documents in a timely manner to allow scheduling with those sites. Students are responsible for the accuracy and validity of all submitted documents.
- 4. Establish a new rotation through personal or professional contacts: If a student is interested in completing a rotation with a physician who is not yet an approved LMU-DCOM preceptor (not listed on E*Value), but is interested in accepting students for clinical rotations, the student may request approval from the Office of Clinical Education as follows:
 - a. If the supervising physician is at the Core Site, the student should contact the Core Site Coordinator to request the rotation.
 - b. If the supervising physician is outside of the Core Site, the student should send a request by email to their LMU-DCOM Rotation Coordinator with the name and contact information of the physician with the hospital(s) and clinic(s) to which they will accompany the physician.

- c. The LMU-DCOM Rotations Coordinator will provide the supervising physician with a link to the LMU-DCOM Clinical Adjunct Faculty Application.
- d. Requests must be received *at least 60 days in advance* of the rotation start date.
- e. **Follow up:** After providing the preceptor application link to the supervising physician(s), students are responsible to follow up with the LMU-DCOM Rotations Coordinator to ensure that the application is received by the Office of Clinical Education and that the preceptor has been approved.

OMS-IV Clinical Rotations and Requirements

- 1. The OMS-IV curriculum is intended to build on the foundational experience provided in the OMS-III year.
- 2. OMS-IV experiences are in settings where more demands for independence can be expected of the senior medical student.
- 3. The dates and locations of OMS-IV rotations are not specifically assigned to the student, allowing for more flexibility in scheduling fourth year rotations.
- 4. Fourth year rotations must be requested by the student and approved by the Office of Clinical Education.

Required Clinical Rotations, OMS-IV

- 1. **Emergency Medicine**: Four (4) weeks of training in which students will learn the initial evaluation and stabilization of the acutely ill or traumatized patient. Education of the triage process at the entry into the Emergency Department is included in the experience.
- 2. Rural/Underserved Outpatient Care: During the 904 Rotation, students will work with a physician in a Rural or Underserved Outpatient Primary Care clinic setting in the United States. There are three realms for the students to encompass on this required fourth-year rotation. First, under the tutelage of the preceptor, the student will gain further clinical exposure to and medical management experience of patients with both acute and chronic conditions in a rural or underserved outpatient setting. A second, but major focus, is understanding how barriers impede the physician's ability to manage the patients' care – appreciating how many barriers exist which impact patients' health, their lives, and ability to acquire healthcare. This rotation revisits the Social Determinants of Health taught in the first year of medical school and challenges the students to apply this knowledge in clinical settings as they seek resources to overcome the barriers. While researching for these solutions, students will have opportunities to be interactive with other office personnel and professionals. Working with clinic patients, the student will focus on the patients' barriers to healthcare, identify applicable ICD 10 Z codes, search for appropriate solutions, and then discuss the resolution, documenting these reports using the case template. The third focus of the rotation directs the student to perform osteopathic structural evaluations on a select number of patients, identify their medical diagnoses with their correct ICD 10 codes, correlate with Chapman's viscero-somatic Reflexes, and document the findings on the OPP log template.

Elective Rotations, OMS-IV

 Elective rotations are completed in any specialty with any preceptor approved by the Office of Clinical Education. OMS-IV electives are primarily used for "away" rotations at residency programs selected by the student. These rotations are also referred to as "audition" rotations or "sub-internships." Away rotations allow students to try out specialties they are considering for residency training at programs where they would like to interview.

- 2. One OMS-IV elective must be completed in a rural or underserved area. This rotation can be completed in any specialty. The following website(s) will verify if a site is approved for rural or underserved eligibility (federal designations):
 - <u>http://hpsafind.hrsa.gov/HPSASearch.aspx</u>
 -OR
 - http://datawarehouse.hrsa.gov/ruraladvisor/RuralHealthAdvisor.aspx
- 3. One OMS-IV elective must be completed in a medical subspecialty (refer to list below). This rotation can be completed at any site approved by the Office of Clinical Education.
 - Cardiology

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- Endocrinology
- Gastroenterology
- Hematology/Oncology (separate or combined)
- Infectious Disease
- Nephrology
- Neurology
- Pulmonology/ICU (separate or combined)
- Rheumatology
- 4. <u>International Elective:</u> Up to two (2) OMS-IV electives can be completed as an international rotation. Currently, the COVID pandemic has placed all approvals of international rotations on a case-by-case basis, but this could rapidly change dependent upon the global medical environment. You will receive notification from LMU if the policy changes. The primary site supervisor for the international rotation must be a licensed physician qualified to practice within the host country. Students are responsible for obtaining the appropriate passport, visa, required immunizations, and other prophylaxis requirements. International rotations must be approved *at least 90 days in advance* by the Director of International Medicine.
- 5. <u>Research Elective</u>²⁶ Students may complete a total of two (2) research electives during their clinical training (OMS-III through OMS-IV years) with a maximum of one (1) research rotation during the OMS-III year. Prior approval by the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine is required. A research elective may include, but is not limited to, clinical investigation, policy studies, laboratory-based research, or health services research. Research electives must be approved *at least 60 days in advance* by the Office of Clinical Education. Guidelines/Applications for the research elective can be obtained from the Office of Clinical Education.
- 6. <u>Split Rotations:</u> OMS-IV students may complete up to three (3) "split rotations," where a fourweek rotation is split into two (2) separate two-week blocks. A split rotation may be completed at the same clinical training site or at two separate training sites and may be in the same specialty or two separate specialties. Students will receive one combined, averaged grade for a split rotation.
- 7. <u>Off-Cycle Rotations:</u> If an OMS-IV student is accepted for an Elective/Selective rotation at a training site that has a rotation schedule different from LMU-DCOM, the student must first ask if that site will accept the LMU-DCOM rotation schedule. Sites will often accommodate varying student schedules to recruit applicants for their residency programs. If the training site will not accommodate the LMU-DCOM rotation schedule, the student may split their 4-week vacation to complete the off-cycle rotation, then resume the LMU-DCOM rotation schedule.

²⁶ Standard 8 Element 8.4: Student Participation in Research and Scholarly Activity (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

8. <u>Elective During Independent Study:</u> OMS-IV students may complete an extra elective rotation using their independent study time, with permission from the Office of Clinical Education. Students may consider this option when applying for a GME position in a highly competitive field. Students must send a written request at least 60-days in advance to the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine for approval to complete an elective during their scheduled vacation.

Other Rotation Requirement, OMS-IV

- 1. Students must complete at least 50% of the Fourth Friday Didactic OPP/OMT sessions during the OMS-IV year. This is a Graduation Requirement. See Fourth Friday Didactic section for more details.
- 2. Students are required to have two (2) Interprofessional Education (IPE) experiences during their OMS-IV year. See IPE section for more details.

Independent Study, OMS-IV

- 1. OMS-IV students have one four-week rotation block of independent study during the fourth year.
- 2. This time (during the OMS-IV year) may be split to accommodate rotations that are out of sequence with LMU-DCOM dates or to schedule residency interviews.
- 3. OMS-IV students are strongly encouraged to schedule this time wisely. Using this time as "vacation" early in the year may result in no time available for needed for interviews, off-cycle rotations, study time, remediation, etc.

Osteopathic Didactics on Rotations/Fourth Friday Didactics

- 1. Virtual didactic activities will take place on the afternoon of the last day (fourth Friday) of each rotation block. Activities include:
 - a. Career Services/Counseling to assist with residency selection, ERAS application, and MATCH process.
 - b. OPP/OMT-based lecture focusing on how to incorporate Osteopathic tenets and treatments into everyday clinical practice.
- 2. Attendance at a specific percentage of these sessions is a GRADUATION REQUIREMENT:
 - a. OMS-IV students must attend at least 50% of delivered OPP/OMT sessions.
 - b. Students need to log into the session using their LMU email address, have name listed as it is found on LMU gradebook, AND be present for the majority of the OMM session in order to get credit for attendance.
- 3. Preceptors and Site Coordinators are aware that attendance is required. If a student experiences difficulty leaving a rotation in order to attend, the student should contact the Office of Clinical Education.

Interprofessional Education (IPE) Requirements, OMS-IV²⁷

- 1. Students are required to have two (2) IPE experiences during their OMS-IV year.
- 2. One experience must be in person. Students may select to complete the second experience in person, or they may opt to complete a virtual experience on Canvas.
- 3. These experiences are intended to introduce the student to various members of an institution's team with which they would not normally interact.

²⁷ Standard 6 Element 6.8: Interprofessional Education for Collaborative Practice (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

- 4. This collaborative opportunity will give the student knowledge, insight, and a deeper understanding of the multiple and varied components that comprise the healthcare team.
- 5. It is the responsibility of the student to arrange with their preceptor the required time during their rotation. Preceptors are aware of this requirement. Students experiencing any difficulties completing this requirement should notify the Office of Clinical Education immediately.
- 6. The student may choose, at their discretion, the rotation during which they would like to schedule their Interprofessional educational experience(s).
- 7. This experience will take place only once during a rotation block and last ½ workday or four (4) hours.
- 8. Students will select an IPE experience from the list below. Each category may only be used only one time.
 - Hospital Administrator (Pick one: CNO, CFO, CMO, CEO, CIO, CAO)
 - Pharmacist/Registered Dietician
 - Lab Technician/Medical Technologist
 - Social Worker/Case Manager
 - Quality Assurance Professional
- 9. Students are required to submit an electronic journal reflection using **Canvas** for each of the shadowing experiences.
- 10. This component is a P/F GRADUATION REQUIREMENT and will not be calculated into the rotation grade.
- 11. Students must complete two (2) IPE experiences and two (2) reflections by the end of OMS-IVyear rotations.
- 12. Students who fail to complete two (2) IPE experiences and submit two (2) coinciding journal entries will no longer be listed in good academic standing.

Applying for Rotations at Graduate Medical Education (GME) Programs

- 1. Students may apply for rotations at accredited Graduate Medical Education (GME) programs.
- 2. Rotations at GME programs are typically reserved for OMS-IV students to "audition" for a GME position. There is limited availability for OMS-III students.
- 3. Students should review each program's website to learn their specific requirements, deadlines, and application processes. Requirements will vary for each program.
- 4. The majority of applications are completed online. Occasionally, a program will require a paper application, with the signature of the Dean. In this case, the student must complete the student portion of the application and forward it to the LMU-DCOM OMS-IV Rotations Coordinators, along with a checklist of all items that the host program requires for a completed student packet.
- 5. Students are responsible to ensure a complete application is submitted, whether online or on paper.
- 6. Students are responsible for securing housing and for **all costs** associated with these rotations, including application fees.
- 7. Rotations at GME programs should be requested *at least 60 days in advance* to allow time to complete the application process. Failure to apply 60 days in advance may result in the student being placed at an alternative rotation site at the discretion of the Office of Clinical Education.
- 8. Rotation cancellations should be requested *at least 60 days in advance* of the rotation start date. Exceptions must be approved by the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine.

Identifying GME Rotation Opportunities

Students may find the following websites helpful in locating rotations at medical education programs:

- 1. Careers in Medicine website: <u>https://www.aamc.org/cim/</u>
 - Students receive a token from AAMC in December of OMS-II to access Careers in Medicine.
 - For assistance with forgotten passwords, expired accounts or for additional information, contact Careers in Medicine at: <u>https://www.aamc.org/cim/contact-cim</u>
- 2. Review AMA's Fellowship and Residency Electronic Interactive Database Access (FREIDA). This is a searchable electronic database of residency and fellowship programs in the United States: https://www.ama-assn.org/life-career/search-ama-residency-fellowship-database
- 3. Visit the AAMC Student and Resident Guide at: https://students-residents.aamc.org/
- 4. Military students should contact their specific branch advisor to arrange for active-duty hours early in the summer.

Visiting Student Learning Opportunities (VSLO)

- 1. VSLO is an AAMC application service designed to streamline the application process for OMS-IV elective rotations at many academic medical centers.
- 2. VSLO allows students to build just one application for submission to all participating institutions to which they wish to apply.
- 3. Students will receive an email from the LMU-DCOM OMS-IV Rotations Coordinators in January of OMS-III year with information on how to access the VSLO Application Service. Students who are off cycle may receive their VSLO access later in the year.
- 4. Students will complete a profile, including personal and academic information, which will become part of each application submitted. Ensuring that the profile is complete and accurate will help ensure a successful application process.
- 5. Students may then search for elective rotations based on areas of interest, geographic location, etc. A description of rotations available, application requirements and available dates for each rotation are available to review.
- 6. To learn more about the VSLO process, visit: <u>https://students-residents.aamc.org/visiting-</u> <u>student-</u><u>learning-opportunities/how-use-vslo-application-service</u>.

Other Application Services

- 1. GME programs may use an application service other than VLSO to process student applications.
- 2. HCA Healthcare uses Clinician Nexus to schedule rotations at their facilities. Students may register for Clinician Nexus at: <u>https://app.cliniciannexus.com/.</u>
- 3. Each program's website will identify other required application services. Carefully review each site's requirements to ensure submission of a complete application.
- 4. Many programs do not use VSLO or Clinician Nexus and require you to speak directly with their Program Coordinator for more information.

Grading Guidelines for Clinical Rotations

Assignment of Grades

- 1. A grade for each rotation is assigned by the Rotation Director.
- 2. A letter grade is assigned for each rotation, except for elective rotations, which are pass/fail.
- 3. Rotation Directors reserve the right to use their discretion to modify a student's grade based upon stated criteria and/or circumstances in addition to those referenced in this document.
- 4. If a grade is not posted to the student's transcript within 60 days of the end of rotation, please contact the Office of Clinical Education.
- 5. If a student receives health services from their preceptor, via a therapeutic relationship, that preceptor must recuse themselves from the academic assessment or promotion of the student receiving those services. Students must contact the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine if their preceptor has provided personal medical care while on rotation to discuss rotation evaluation and grade assignment.

Incomplete Rotations

- 1. Students who do not meet all rotation requirements may be given a grade of incomplete (I) for that rotation.
- 2. If requirements are not met by a time specified to the student by the Rotation Director and the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine, the grade may be converted to a failing grade.
- 3. A failing grade will result in the student being referred to the Student Progress Committee.

Failure of a Rotation

- 1. A student who fails a rotation will be required to repeat and pass that rotation prior to graduation.
- 2. A failed rotation may result in the student not being able to graduate as scheduled and can delay participation in the residency match.
- 3. Any student who fails a rotation will be referred to the Student Progress Committee and will be subject to dismissal from LMU-DCOM.
- 4. The highest grade a student may earn for a successfully repeated rotation is a "C" (70%). A final grade for the rotation will be reported on the student's transcript as "F/C."
- 5. A student who fails multiple rotations may have to repeat the rotations or the entire year.

Grade Appeals

- 1. Questions regarding a grade are to be directed to the Office of Clinical Education.
- 2. Students **are never** to contact the supervising physicians who evaluated them regarding the grade received.
- 3. Refer to the *Student Handbook* for procedures on how to appeal a rotation grade.

Grading Components 2023-2024

OMS-III Rotations

801 Behavioral Health	802 Internal Medicine/Hospital Medicine I	803 Internal Medicine/Hospital Medicine II
50% Preceptor Evaluation	50 % Preceptor Evaluation	50 % Preceptor Evaluatior
25% COMAT Score	50% Didactics	25% COMAT Score
25% Didactics		25% Didactics
804 Women's Health	805 General Surgery	806 Pediatrics
50% Preceptor Evaluation	50% Preceptor Evaluation	50% Preceptor Evaluation
25% COMAT Score	25% COMAT Score	25% COMAT Score
25% Didactics	25% Didactics	25% Didactics
807 Family Medicine/Primary Care I	808 Family Medicine/Primary Care II	816 Surgical Selective
80% Preceptor Evaluation	50% Preceptor Evaluation	80% Preceptor Evaluation
20% Didactics	25% COMAT Score	20% Didactics
	25% Didactics	
825 Elective	826 Elective	
100% Preceptor Evaluation	100% Preceptor Evaluation	

OMS-IV Rotations

903 Emergency Medicine	904 Rural/Underserved Outpatient Care	
60% Preceptor Evaluation	50% Preceptor Evaluation	
40% Didactics	50% Didactics	
924 Elective	925 Elective	926 Elective
100% Preceptor Evaluation	100% Preceptor Evaluation	100% Preceptor Evaluation
927 Elective	928 Elective	929 Elective
100% Preceptor Evaluation	100% Preceptor Evaluation	100% Preceptor Evaluation
930 Rural/Underserved Elective	931 Medical Subspecialty Elective	
100% Preceptor Evaluation	100% Preceptor Evaluation	
ROTATION GRADING SCALE		
90-100 = A		
80-89 = B		
70-79= C		
< 70= F		
Incomplete=I		

Student Evaluation by Preceptor

- 1. A student evaluation will be completed by the preceptor at the completion of each rotation.
- 2. The student evaluation is based on progress towards the Entrustable Professional Activities (EPAs) that graduating students should meet prior to entering residency. The preceptor will evaluate the skill level of OMS-III and OMS-IV students in these EPAs, as compared to other students at the same level of training:
 - EPA 1: Gather a history and physical examination
 - EPA 2: Prioritize a differential diagnosis following a clinical encounter
 - EPA 3: Recommend and interpret common diagnostic screening tests
 - EPA 4: Enter and discuss orders and prescriptions
 - EPA 5: Document a clinical encounter in the patient record
 - EPA 6: Provide an oral presentation of a clinical encounter

- EPA 7: Form clinical questions and retrieve evidence to advance patient care
- EPA 8: Give or receive a patient handover to transition care responsibility
- EPA 9: Collaborate as a member of an interprofessional team
- EPA 10: Recognize a patient requiring urgent or emergent care and initiate evaluation and management
- EPA 11: Obtain informed consent for tests and/or procedures
- EPA 12: perform general procedures of a physician
- EPA 13: Identify system failures and contribute to a culture of safety and improvement
- 3. In addition to the EPAs above, the student will be evaluated on the following observable behaviors:
 - Osteopathic Principles and Practice
 - Lifelong Learning
 - Communication Skills
 - Professionalism Skills
- 4. Students who have significant concerns in professionalism on their evaluation will not pass the rotation.

Rotations Didactics²⁸

OnlineMedEd

- 1. OnlineMedEd is a clinical education platform designed to supplement the clinical learning experiences of OMS-III and OMS-IV students and assist with preparation for COMAT and COMLEX exams.
- 2. LMU-DCOM provides premium access to OMS-III students at no cost to the student. The student will receive a username and password from OnlineMedEd to access the learning modules.
- 3. Students completing OMS-III Core and Selective Rotations will complete OnlineMedEd learning modules assigned by the Rotation Director.
- 4. Specific requirements are found in each course syllabus.
- 5. Additional information about OnlineMedEd can be found at: <u>https://onlinemeded.org/.</u>

COMQUEST – COMAT Exam Preparation

- 1. COMQUEST offers relevant practice questions made specifically for OMS-III COMAT exams.
- 2. Students are assigned questions by the Rotation Director to complete as a portion of the rotation grade. Specific assignments can be found in the individual course syllabi.
- 3. COMQUEST for COMAT also serves as a study guide for the COMLEX 2-CE exam. Students who perform well on COMAT exams are more likely to perform well on the COMLEX 2-CE exam.
- 4. Additional information about the COMQUEST for COMAT platform can be found at: <u>https://comquestmed.com/exams/comat.php.</u>

²⁸ Standard 6 Element 6.11: Comparability Across Clinical Education Sites. The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

Other Didactic Assignments

- 1. Other elements, such as journal club and case presentations, may be assigned by the Rotation Director.
- 2. Instructions for completing required assignments can be found in the course description on Canvas and in each Course Syllabus.

Comprehensive Osteopathic Medical Achievement Test (COMAT)

- 1. A series of nationally standardized subject exams, COMAT exams, are designed to assess osteopathic medical students' knowledge and ability in core osteopathic medical and foundational biomedical sciences principles.
- 2. Each COMAT exam consists of 120 items to be completed within 2 hours and 30 minutes.
- 3. COMAT exams are administered online on the last day of the rotation in accordance with NBOME guidelines.
- 4. COMAT exams are self-proctored and can be taken at any location with reliable internet connection, where there are no disturbances. Please see **Appendix D** for details of self-proctored COMAT exams.
- 5. Students will receive instructions from the Office of Clinical Education regarding the time the exam will be administered, and the access codes needed to begin the exam.
- 6. COMAT exams must be taken on the day that they are scheduled. Exceptions are granted only in extreme circumstances and must be approved <u>in advance</u> by the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine.
- 7. COMAT exams are administered at the completion of Core Rotations in Behavioral Health, Internal Medicine/Hospital Medicine II, OB/GYN, General Surgery, Pediatrics, and Family Medicine/Primary Care II.
- 8. The Surgery COMAT exam is administered after completion of both the General Surgery and Surgical Selective rotation to allow for more surgical experience and study time, but the COMAT exam score will be assigned to the grade of the General Surgery Core Rotation.
- 9. The Internal Medicine COMAT exam is administered after completion of both Internal Medicine/Hospital Medicine I and Internal Medicine/Hospital Medicine II rotations. The COMAT exam score will be factored into the IM/HM II rotation grade.
- 10. The Family Medicine COMAT is administered after completion of both Family Medicine/Primary Care I and Family Medicine/Primary Care II rotations. The COMAT exam score will be factored into the Family Medicine/Primary Care II rotation grade.
- 11. There are no end-of-rotation exams for selective/elective rotations or OMS-IV rotations.
- 12. Though not tied to a specific Core Rotation, Osteopathic Principles and Practices (OPP) are a key component of all rotations.²⁹ The OPP COMAT exam will be administered at the end of the second year, before leaving for rotations. If the OPP COMAT exam is not passed on the first attempt, the student must retake and pass the exam before the end of their OMS-III year.
- 13. COMAT examination structure, content outlines, and practice exams for each subject can be found at https://www.nbome.org/exams-assessments/comat/. Advice for preparing for the COMAT exam is included in **Appendix E** of this manual.

²⁹ Standard 6 Element 6.6: Principles of Osteopathic Medicine (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

Exam Scoring

- 1. Standard scores are derived by the NBOME based on a national sample of candidates from Colleges of Osteopathic Medicine that use COMAT as a part of their student evaluation process.
- 2. COMAT standard scores have a mean of 100 and a standard deviation of 10.
- 3. For grading purposes, COMAT scores are adjusted to conform to LMU-DCOM grading standards, with a mean of 80.
 - a. To calculate the adjusted score for any COMAT exam (except OPP), **subtract 20 points** from the received (raw) score.
 - Example: If the received (raw) score is 100 then the adjusted score is 80, which would be recorded in the gradebook on Canvas.
 - b. For the OPP COMAT exam, the adjusted score is obtained by **subtracting 15 points** from the received (raw) score.
 - c. An adjusted score below 70 for any COMAT exam is a failing grade.

Exam Score Reports

- A score report for each COMAT exam is available to students online at the NBOME Client Registration System (CRS) (Account > My Account > COMAT) seven days after the exam is taken.
- 2. The report reflects the standard score received by the student and contains performance information on each content area of the exam, assisting students to assess their strengths and weaknesses.
- 3. The adjusted score is posted in each rotation's grade book on Canvas.

Failure of a COMAT Exam

- 1. Students have three attempts to pass each COMAT examination.
- 2. Students who do not pass the COMAT exam in any subject on the first attempt may be required to complete remediation activities as set by the Rotation Director and the Director of Students and Academic Advancement.
- 3. A score of 70 will be received for a COMAT exam passed on the second or third attempt.
- 4. Students who pass a COMAT exam on their second attempt will receive no higher than a "B" for the rotation and those who pass a COMAT exam on the third attempt will receive a final grade no higher than a "C" for the rotation.
- 5. Students who are not successful in passing the COMAT exam by the third attempt will receive a failing grade and must repeat the entire rotation.
- 6. All COMAT exam reattempts must occur within ninety (90) days from the time the initial failure is reported on Canvas. Occasional extensions may occur with extenuating circumstances.
- 7. The cost of the initial COMAT subject exam is paid by LMU-DCOM. If a student must retake the examination, the student is responsible for the cost of the exam.
- 8. Students must pass all COMAT exams for the required OMS-III rotations in order to advance to the OMS-IV year.

COMAT Questions/Concerns

For questions about COMAT preparation or remediation contact:

- Director of Students and Academic Advancement (Refer to section 'Other Helpful Contacts' for contact information)
- For questions about COMAT administration or exam scheduling contact:
 - Administrative Assistant of Clinical Affairs (Refer to section 'Clinical Education Staff' for contact information)

Evaluation Process³⁰

Student Responsibility for Evaluations

- 1. It is the responsibility of the student to ensure that student evaluations completed by the preceptor are submitted to the Office of Clinical Education within seven (7) days of the completion of each rotation. This is especially important with GME Rotations.
- 2. The preceptor will receive an automated email from **E*Value** with a link to complete the evaluation.
- 3. It is preferred that evaluations be completed on **E*Value**. The information is received immediately and there are no lost faxes, missing pages, illegible handwriting, etc. with this method.
- 4. In instances when a paper evaluation is requested **by the preceptor**, one will be sent to the training site by the Office of Clinical Education. Students may also give a copy of the evaluation to the preceptor.
- 5. Paper evaluations can be faxed, mailed, or sent by email to the Office of Clinical Education.
- 6. If a student has difficulty getting an evaluation submitted, they should inform their LMU-DCOM Rotations Coordinator immediately. The more time that passes after a rotation is completed, the more difficult it becomes to receive an accurate evaluation.
- 7. The student's transcript will not be complete until ALL evaluations have been posted. Applications to GME programs cannot be submitted nor diplomas issued without a complete transcript.
- 8. Evaluations received directly from students will not be accepted by the Office of Clinical Education. The evaluation must be received from the preceptor or training site ONLY.
- 9. Please note that any health professional providing health services, through a physicianpatient relationship, must recuse themselves from the academic assessment or promotion of the student receiving those services. Therefore, if a preceptor provided health services to the student being evaluated, they must contact the Associate Dean of Clinical Affairs and/or the Assistant Dean of Clinical Medicine to discuss rotation performance. Further information will be gathered, and the Assistant Dean can assign the final grade. ³¹

³⁰ Standard 11 Element 11.2: Student Evaluation of Instruction. The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

³¹ Standard 9 Element 9.10: Non-Academic Health Professional (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

Preceptor Information on E*Value

- 1. It is the student's responsibility to make certain that the rotation and preceptor information listed on E*Value is accurate.
- 2. E*Value will automatically generate an email to the preceptor listed, with a link to the evaluation.
- Students are expected to check E*Value when each rotation begins and inform the LMU-DCOM Rotations Coordinator of any changes in the name or contact information of the preceptor.
- 4. Preceptors for Core Rotations:
 - a. The preceptor listed on E*Value for a Core Rotation may not be the primary preceptor, but the supervising physician who oversees the Core Rotation.
 - b. The student should address any concerns regarding the preceptor listed for Core Rotations with their LMU-DCOM Rotations Coordinator **by the end of the first week of the rotation.**
- 5. Preceptors for Selective/Elective rotations away from the Core Site:
 - a. The student should determine the preceptor's preferred method to complete the student evaluation and make certain a correct email address is listed on E*Value for the preceptor, or the person who should receive the email notice that an evaluation is due (such as a practice manager).
 - b. If a paper evaluation is preferred, provide a copy to the preceptor **before** the last week of the rotation.
- 6. Preceptors at Graduate Medical Education/Residency Programs:
 - a. When on rotation at a GME program, the student should consult with the medical education coordinator at that program regarding their procedures for student evaluations.
 - b. Evaluation procedures vary at each site.
 - c. Students may work with multiple preceptors who all contribute to the evaluation. In this instance, the coordinator or supervising physician at the host site will combine the input received from all evaluators and submit one overall evaluation to the Office of Clinical Education.
 - d. It is the responsibility of the student to determine the evaluation process at the host site and provide that information along with the name and contact information of the preceptor of record to the Office of Clinical Education. This information should be received by the student's rotation coordinator at LMU-DCOM by the end of the first week of the rotation.
 - e. Evaluations must be completed by attending physicians. Resident physicians cannot complete evaluations.

Evaluation Procedure

Beginning of Rotation

- 1. The evaluation process should begin the first week of the rotation.
- 2. Students should meet their preceptor at the beginning of the rotation to discuss expectations for clinical and academic performance.
- 3. The student should:
 - a. Determine if the preceptor has a copy of the rotation syllabus and if not, provide a copy to them.

b. Provide the preceptor with a copy of the *Mid-Rotation Evaluation Form* and let them know that the end of rotation evaluation will be based on the competencies listed on the form.

Mid-Rotation Evaluation

- 1. Two weeks into the rotation, the student should ask for an informal mid-rotation evaluation, review the mid-rotation evaluation form with the preceptor and ask for input on their performance and specific recommendations for improvement.
- 2. Students should not be afraid to voice concerns if there is an issue not made clear by the preceptor.
- 3. For certain required rotations, the mid-rotation evaluation form is required to be submitted to the Rotation Director. Consult the syllabus for each rotation to determine this requirement. Otherwise, the student is encouraged to make notes and keep the form for their records.

Final Evaluation

- 1. The student should set up a time for a final evaluation during the last week of the rotation.
- 2. The student should not leave the rotation without the evaluation being discussed with and submitted by the preceptor.
- 3. The student's evaluation must be completed and submitted to the Office of Clinical Education no later than seven business days past the rotation end date.
- 4. No grade can be assigned until the preceptor evaluation is received.
- 5. Evaluations CANNOT be completed by Resident Physicians, Physician Assistants, or Nurse Practitioners.
- 6. The comments section is an important element of the student evaluation. These sections are:
 - a. Designed to identify the student's strengths and areas for improvement.
 - b. Comments will be used as content for the Medical Student Performance Evaluation (MSPE, or Dean's letter) for the residency match program.
 - c. If the evaluation is missing, it will be recorded as "No comments available" in the MSPE.
- 7. Students are encouraged to inform the preceptor about the importance of making specific comments about their clinical performance.

Student Evaluation of Learning Experiences

- 1. Students will complete evaluations on **E*Value** regarding their rotation experience.
- 2. <u>Academic Survey (excluding elective rotations)</u>: Provides feedback that can be used to assess and improve individual Core Rotations, including the syllabus, learning materials, didactic assignments, and the instructional and support efforts of the Rotation Director.
- End-of-Rotation Evaluation: Upon completion of each four-week rotation, students will evaluate and provide feedback regarding the clinical experience at the rotation site and the teaching of up to three preceptors at that site. All feedback is anonymous and will not be sent to the preceptor in an identifying manner. Please notify your LMU-DCOM Rotations Coordinator if your preceptor is listed incorrectly in E*Value.

- 4. <u>Annual Core Site Evaluation</u>: Near the end of OMS-III year, students will complete an evaluation of their Core Site, assessing the clinical experience they have received throughout the OMS-III year and identifying strengths and opportunities for improvement at that site.
- 5. Feedback received from the evaluations will assist the Office of Clinical Education in the overall assessment and improvement of clinical rotations and ongoing faculty development.
- 6. An annual summary of student comments will be reported <u>anonymously</u> to preceptors and training sites to assist them in making improvements to the rotations that they provide. Individual student comments are not accessible to and are not shared with preceptors or sites. Students are encouraged to be candid and professional regarding the quality of their clinical experiences.
- 7. Core Rotation Site visits occur periodically via Zoom or in-person. Students are notified of Core Rotation Site visits via email.

COMLEX-USA Requirements³²

- 1. Students must take and pass COMLEX-USA Level 1 and the COMLEX-USA Level 2-CE to meet graduation requirements.
 - Currently, the NBOME has indefinitely postponed the COMLEX-USA Level 2-PE. If/when this examination resumes, it will also be a graduation requirement.
- 2. Students who fail COMLEX Level 1, Level 2-CE, or Level 2-PE (if/when this examination resumes) may be required to participate in exam preparation programs and/or placed on a leave of absence to prepare for successful completion.
 - In an effort to enhance success on COMLEX Level 2-CE, LMU-DCOM has instituted a CE Prep Course. Based on accumulative COMAT performance and other indicators of performance, students will be entered into the CE Prep Course which includes a structured study schedule including learning modules and timed Board Prep questions. More information on this course will be communicated to students in the Spring 2023 semester.
- 3. LMU-DCOM strongly recommends that COMLEX Level 2-CE be taken by June 30th. Early completion of licensing exams by July 1 will allow students to receive scores before residency audition rotations and interviews and will allow time to retake examinations if not passed initially. Having scores in place early strengthens an applicant's position for competitive residency programs. Some programs will not grant an interview until exam scores are received.
- 4. Refer to the *Student Handbook* for COMLEX requirements and schedules; pay close attention to examination deadlines.
- 5. Detailed information regarding COMLEX examinations can be found on the AOA and NBOME websites:
 - Prepping for COMLEX American Osteopathic Association
 - <u>https://www.nbome.org/osteopathic-medical-students/</u>

<u>USMLE</u>

1. LMU-DCOM does not require that students to take any Step of the USMLE but supports those who wish to do so.

³² Standard 6 Element 11.4a: COMLEX-USA. The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

- 2. Students may take Step 1, Step 2, or both.
- 3. The National Board of Medical Examiners (NBME) allows a student to take USMLE Step 2 without first having taken Step 1.
- 4. LMU-DCOM strongly recommends that students make decisions on taking USMLE in conjunction with the Office of Student Services and the Office of Career Services.
- 5. It is the student's responsibility to determine which exam(s) will be most beneficial for their residency plans; however, it is recommended that students take COMLEX-USA prior to USMLE, as it is a requirement for graduation.
- 6. The USMLE may not, under any circumstances, be substituted for COMLEX-USA to fulfill graduation requirements.
- 7. Results of **ALL** licensing exam (COMLEX and USMLE) attempts must be reported for residency and licensing applications.

Learning Resources

Learning resources that students may find helpful for clinical rotations, COMAT preparation, and COMLEX exam preparation can be found in **Appendix E.** Many of these additional resources are available free of charge through the Reed Health Sciences Library.

UWorld

- 1. UWorld question bank is currently provided at no cost to OMS-II and OMS-III students.
- 2. UWorld offers practice questions written to mirror board-style questions.
- 3. Questions can be answered in "tutor" mode, so students receive immediate feedback regarding their answers and have multiple attempts to answer questions correctly.
- 4. UWorld Level One is provided around September 1 of OMS-II year. UWorld Level Two is provided around August 1 of OMS-III year. This timing allows for the student to have the subscription throughout the respective COMLEX testing windows.
- 5. More information about the UWorld platform can be found at: <u>https://medical.uworld.com/</u>

Reed Health Sciences Library

- 1. Students on clinical rotations have direct access to electronic resources on a variety of topics as well as subject guides and tutorials.
- 2. The library's catalog can be used to search for books, eBooks and journal articles as well as select databases, including AccessMedicine, LWW Clerkship, MEDLINE Complete, UpToDate, PubMed, VisualDx, and more.
- 3. Medical Librarians are available to answer reference questions and provide assistance with databases and other electronic resources. See **Appendix F** for information about Library Resources.
- 4. Log on to the Reed Health Sciences Library at: <u>https://library.lmunet.edu/medlib</u>.
- 5. For assistance in finding the right study approach for you, please contact:
 - Director of Academic Support (Harrogate) (Refer to section 'Other Helpful Contacts' for contact information)
 - Director of Academic Support (Knoxville) (Refer to section 'Other Helpful Contacts' for contact information)

Career Counseling and Applying for Graduate Medical

Education/Residency Positions³³

- 1. Career counseling is available from the Office of Career Services to assist students in evaluating career options and applying to Graduate Medical Education training programs.
- For step-by-step instructions, timelines, important forms, and Frequently Asked Questions (FAQs) regarding residency applications, students should refer to the LMU-DCOM Career Services Canvas Organization page at:

Canvas - LMU-DCOM Career Services

- Students may begin collecting Letters of Recommendation (LoRs) during OMS-III year. Students should request a strong LoR and use the Electronic Residency Application Service (ERAS) process described on the LMU-DCOM Career Services Webpage listed above, or the ERAS website: <u>https://students-residents.aamc.org/applying-residency/article/myeras-application-residency-applicants/.</u>
- 4. **DO NOT SEND LETTERS TO LMU-DCOM.** Each letter must be uploaded to the ERAS portal **BY THE LETTER AUTHOR.** Letters sent directly to LMU-DCOM cannot be processed, per AAMC guidelines. Please completely follow the information on the following link to have letters sent in the correct manner: https://www.aamc.org/services/eras-for-institutions/lor-portal.
- 5. Students may find the LMU-DCOM MATCHMaker program helpful in making career decisions. The MATCHMaker program provides LMU-DCOM alumni mentors to students wishing to learn more about specialty choices, the residency application process and residency programs nationwide.
 - Information regarding the MATCHMaker program can be found in **Appendix G** of this manual and by the following link: <u>Alumni Services MATCHMaker</u>

For additional information, contact:

- Director of Alumni Services and CME
 - (Refer to section 'Other Helpful Contacts' for contact information)
- 6. For further information regarding the residency application process, please contact:
 - Director of Career Services at LMU-DCOM at Harrogate (Refer to section 'Other Helpful Contacts' for contact information)
 - Associate Director of Career Services at LMU-DCOM at Knoxville (Refer to section 'Other Helpful Contacts' for contact information)

³³ Standard 9 Element 9.6: Career Counseling (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

Tips for Success on Clinical Rotations

(Taken in part from American Academy of Family Physicians Division of Medical Education)

- 1. Be familiar with and be able to apply the core content of the rotation specialty. Before your rotation begins, take time to review one or two relevant textbooks and other primary resources. Review notes that you may have from first- and second-year courses. Be sure to draw on this knowledge as you demonstrate your diagnostic skills.
- Read as much as you can about the illnesses of the patients you are seeing. Monitor your patients' charts daily. Research patient problems using journals, reference manuals and internet sources, such as UpToDate. This will help you prepare for rounds.
- 3. Be a team player.

Get to know your patient care team – Who they are? What do they do? How do you, as a medical student, interact with each member of the team? Having a good working relationship with the health care team is highly valued in the clinical setting. True standouts evenly share responsibility, are well liked, and communicate effectively with other team members.

4. Dress professionally, be on time, and be enthusiastic.

Attitude and appearance count. Take extra care on your rotations to look your best. Dress professionally (unless the preceptor or Site Coordinator have specifically informed you to wear scrubs). Make sure your style of dress is appropriate for the setting. Showing up early or staying late can also be beneficial to you – as long as your preceptor feels you are being productive and learning in the process (and not just "hanging out"). Finally, show enthusiasm in everything you do.

5. Establish an informal learning agreement with your preceptor at the beginning of each clinical rotation.

This exercise affords you and the supervising physician a touchstone for you to learn the clinical decision-making and procedural skills you want from the rotation. Agreeing on goals and understanding how information will be taught ensures that your clinical experience is valuable.

6. Keep a journal (HIPAA complaint) for each rotation.

Record such things as the number of patients you see every day, the types of illnesses your patients have, any of your medical "firsts" (i.e., the first physical you perform, the first baby you deliver, etc.) and any expectations you have for the rotation before you begin. This will help you remember your experiences and process your feelings. When it is time to choose a specialty, your journal will help you reconcile your experiences with your expectations and goals. Remember to keep information HIPAA compliant.

7. Learn to ask enough questions to satisfy your hunger for knowledge without monopolizing precious time.

Although you do not want to stifle an important question, it is necessary to make the most of limited time with the preceptor. Pay attention to other students and learn from all of them – if other students are aggravating the preceptor because of their constant barrage of questions, do not repeat their mistakes.

- 8. Avoid asking questions of the preceptor during the patient encounter. Wait until the end of the day or between patients to ask questions.
- 9. Maximize time spent waiting during rotations.

Since you never know when you will have extra time, do not go anywhere without something to read. Keeping journal articles or reference materials with you will afford you the opportunity to study, read up on a patient, or prepare for your next patient

encounter. Reading on your phone can be interpreted as spending time on social media, etc.

10. During down time, resist the urge to engage in excessive non-rotation tasks, such as texting, web surfing or personal phone calls.

Your preceptor may interpret this as boredom, distraction, or disinterest. Instead, check out online resources, complete rotation assignments, read about your patients or prepare for other didactics or the COMAT exam.

- 11. In the middle of each rotation, ask your preceptor for a verbal evaluation. Do not wait until your final evaluation to find out how you are doing. If you get feedback early in your rotation, you can use it to improve before you are formally evaluated.
- 12. If you are not afforded an opportunity to perform some clinical decision-making and procedural skills that you wish to perfect, ask your preceptor what you can do to gain more experience. In a busy practice or on the wards, it may be difficult for the preceptor to know which skills you want to enhance. If your preceptor indicates that you will not have an opportunity to perform a particular procedure, ask what you can do to gain that experience.
- 13. When you have completed a rotation, take a moment to assess what you have learned.

Here are some key questions to ask yourself: What did you learn about the illnesses/diseases from your patients? Did you achieve a level of proficiency in any procedures during this rotation? Which ones? What procedures do you need to work on? What procedures would you like to gain a greater proficiency in? Are you more comfortable in presenting patients? What areas do you excel in? What areas need improvement? What mistakes did you make and what did you learn from this? How frequently did you seek out verbal feedback? Use your responses to these questions to help make the most of your next rotation.

14. At the beginning of your ambulatory experiences, identify opportunities to gain skills beyond doing H&Ps, documentation, and procedures.

With your preceptor, identify the clinic's most pressing need as they relate to the care of patients. Examples might include patient education opportunities, developing stronger ties to community-based ancillary health agencies and participating in the clinic's quality assurance process. Also, keep in mind that a preceptor may be hesitant to assign tasks if he or she thinks you are uncomfortable. Do not be afraid to volunteer. However, be prepared if the preceptors prefer to do a task alone.

15. Be expectant of constructive criticism.

This will make you a better student, resident, and physician. As a medical student, it is not expected of you to know everything about medicine and patient care. Constructive criticism and *actionable* feedback are essential tools to improve your knowledge base and clinical skills. Understand that you are human, and you will make mistakes. It is at these times that you should receive feedback that is constructive, actionable, and non-personal. For professional growth, you should reflect on this feedback, improve the inciting action, and move forward.

16. Do your best to get through emotionally draining experiences and, when you get a chance, take a few minutes to process your thoughts and mentally recuperate. Students as well as interns and residents can experience some powerful emotions during rotations and on call. Because these situations are often stressful and do not allow you to get away immediately, find a quiet place or walk outside for a few minutes when you can. For difficult situations, consider discussing your emotional reactions with a mental health professional.

17. If you are on an away rotation, take steps before the rotation begins to get oriented to your new location.

Many OMS-IV students complete away rotations at a residency program of interest. If you are on an away rotation, you will need to become familiar with your new working environment quickly. Here are some tips:

- a. Study the hospital layout ahead of time. Before your rotation begins, tour the facility. Obtain a map to locate the essential areas, such as the patient floors, operating rooms, labs, cafeteria, etc. Knowing your way around will reduce some of the anxiety associated with being at a new place with new people.
- b. Find out where your ward team will meet on the first day. Before your rotation begins, phone your contact or call the department's main office at the program to confirm where you will meet the first day and at what time.
- c. If you know individuals who have done this rotation, ask them for pointers. Find out what they felt were the greatest challenges and the most rewarding experiences. Pay particular attention to their comments about people you may be working closely with.
- d. Have copies of your CV, personal statement, and other application materials. This information will come in handy if you decide to request a letter of recommendation from an attending (to give the attending as supplemental information about you) or if the program asks to interview you while you are still on the rotation.

Appendix A: 2023-2024 LMU-DCOM Core Rotation Sites

Core Rotation Site	Location	Site Coordinator	Email	
Bethany Chumley, LMU-DCOM Rotations Coordinator				
Baptist Health Fort Smith	Fort Smith, AR	Kyndall Dyer Hilts	kyndall.dyerhilts@baptist-health.org	
Crestwood Medical Center	Huntsville, AL	Cindy Giles	cynthia_giles@crestwoodmedcenter.com	
Jennie Stuart Health	Hopkinsville, KY	Adealiah Kozimor	akozimor@jsmc.org	
LaFollette Medical Center	LaFollette, TN	Missy Turner	missy.turner@Imunet.edu	
Magnolia Regional Health Center	Corinth, MS	Wendy Hurley	whurley@mrhc.org	
Mary Lanning Healthcare	Hastings, NE	Dawn Petersen	dawn.petersen@marylanning.org	
North Knoxville Medical Center	Powell, TN	Alicia Wilson	alicia.wilson@tennova.com	
Starr Regional Medical Center-Athens	Athens, TN	Karen Morrow	karen.morrow@lpnt.net	
Sweetwater Hospital Association	Sweetwater, TN	Katie Widener	nursing3@sweetwaterhopital.org	
Tennova Healthcare-Cleveland	Cleveland, TN	Patricia Hicks	patricia.hicks@mytennova.com	
Vaughan Regional Medical Center	Selma, AL	Karen Bailey	ktbailey@charter.net	
Melissa Hensley, LMU-DCOM Rotations Coordinator				
AdventHealth Medical Group	Tampa, FL	Jennifer Parker	jennifer.m.parker@adventhealth.com	
AdventHealth Ocala	Ocala, FL	Nicole McSweeney	nicole.mcsweeney@adventhealth.com	
AdventHealth Orlando	Orlando, FL	Frances Bailey	francis.bailey@adventhealth.com	
Florida Wellcare Alliance	Inverness, FL	Frank Di Piazza	frankd@floridawellcare.com	
Methodist Le Bonheur Health	Memphis, TN	Marilyn McWilliams	marilyn.mcwilliams@mlh.org	
Wendy Moyers, LMU-DCOM Rotations Coordinator				
Cumberland Medical Center	Crossville, TN	Vickie Schulze	vschulze@covhlth.com	
Fort Sanders Regional Medical Center	Knoxville, TN	Vickie Schulze	vschulze@covhlth.com	
Livingston Regional Hospital	Livingston, TN	Shirley Myers	shirley.myers@lpnt.net	
Maury Regional Medical Center	Columbia, TN	Linda Shouse	Ishouse@mauryregional.com	
Methodist Medical Center, Oak Ridge	Oak Ridge, TN	Vickie Schulze	vschulze@covhlth.com	
Morristown Hamblen Health System	Morristown, TN	Vickie Schulze	vschulze@covhlth.com	

Wendy Fultz, LMU-DCOM Rotations Coordinator			
Clark Memorial Hospital	Jeffersonville, IN	Tricia Brian	tricia.brian@clarkmemorial.org
Clark Regional Medical Center	Winchester, KY	Tammy Fugate	tammy.fugate@lpnt.net
Georgetown Community Hospital	Georgetown, KY	Tammy Fugate	tammy.fugate@lpnt.net
Greenville Community Hospital	Greenville, TN	Diane Birdwell	heather.crum@balladhealth.org
Holston Medical Group	Kingsport, TN	Lindsay Kilgore	lindsay.kilgore@myhmg.com
Indian Path Community Hospital	Kingsport, TN	Lori Shelton	lori.shelton@balladhealth.org
Lonesome Pine Hospital	Norton, VA	Heather Crum	heather.crum@balladhealth.org
Newport Medical Center	Newport, TN	Amber Arnold	amberarnold@sofha.net
Norton Community Hospital	Norton, VA	Heather Crum	heather.crum@balladhealth.org
Chelsey Lowe, LMU-DCOM Rotations Coordinator			
Adena Health System	Chillicothe, OH	Joei Gill	jgill2@adena.org
Central Arkansas/Little Rock Metro	Little Rock, AR	Jacquie Williams	jacqueline.williams@commonspirit.org
CHI St. Vincent Hot Springs	Hot Springs, AR	Jacquie Williams	jacqueline.williams@commonspirit.org
Henry County Medical Center	Paris, TN	Gina Matlock	glmatlock@hcmd-tn.org
Lake Cumberland Regional Hospital	Somerset, KY	Lori Bradshaw	lori.bradshaw@lpnt.net
Southern TN Regional Health System	Winchester, TN	Stephanie Riddle	stephanie.riddle@lpnt.net
Sumner Regional Medical Center	Gallatin, TN	Lori Johnson	lori.johnson@lpnt.net
University Hospitals Portage	Ravenna, OH	Jami Englehart	Jami.englehart@Uhhospitals.org
Aimee Hendrickson, LMU-DCOM Rota	tions Coordinator		·
AdventHealth Manchester	Manchester, KY	Sherri Vallance	sherri.vallance@adventhealth.com
Beckley ARH Hospital	Beckley, WV	David Jones	djones2@arh.org
Harlan ARH Hospital	Harlan, KY	Heather Wilson	hwilson1@arh.org
Hazard ARH Hospital	Hazard, KY	Kathy Sampsell	ksampsell0001@kctcs.edu
Highlands ARH	Prestonsburg, KY	Cheryl Blair	cblair3@arh.org
Middlesboro ARH Hospital	Middlesboro, KY	Marina Cawood	mcawood@arh.org
St. Joseph-London Healthcare	London, KY	Angela Greenwood	angela.greenwood@commonspirit.org
Whitesburg ARH Hospital	Whitesburg, KY	Melody Howard	mhoward6@arh.org

Appendix B: Examples of Student Mistreatment

LMU-DCOM has zero-tolerance for student mistreatment. If you feel that you have received mistreatment, please reach out to the Office of Clinical Education immediately.

Examples of mistreatment include, but are not limited t	0:
Sexual Orientation	 Denial of opportunities for training based on sexual orientation Any use of derogatory terms in reference to a students' or patients' sexual orientation or perceived sexual orientation Hearing comments made about a students' sexual orientation to peers, patients, nurses, residents or attending physicians
Sexual Remarks or Advances	 Subject to offensive or unwanted sexual remarks or advances by peers, patients, nurses, residents, or attending physicians
Racial or Ethnic Remarks	 Use of derogatory terms to refer to a students' or patients' race or ethnicity Denial of opportunities for training based on race or ethnicity
Humiliation	 Receiving feedback in a demeaning manner (i.e., "that was a stupid answer"), especially in front of other team members or patients A student being asked to perform a humiliating task (i.e., being asked to dance or sing during a procedure)
Requests to Perform Personal Services	 A student is asked to buy food or gifts while on rotation A student is asked to run errands in lieu of patient care

Appendix C: Empathia³⁴

24/7 Assistance

We are pleased to inform you that LMU-DCOM has partnered with Empathia to provide your student assistance program. We know that no one leaves their problems at the door when they arrive at school. That is why Empathia is here to assist you when life issues arise. With Empathia, you and your household members have 24/7 access to free and confidential counseling, coaching, and resource information to help you manage any personal, school, or life concern.

Professionals are available to help you with matters such as:

- Stress, depression, and personal problems
- Balancing school and personal needs
- Family and relationship concerns
- Alcohol or drug dependency
- Conflicts at school or work
- Any other issue of concern in your life

No matter when, no matter what—no problem is too big or too small. Around-the-clock, a licensed professional is just a phone call away, even on holidays and weekends. Empathia is your student resource to help you succeed. For 24/7, free and confidential professional support, call 1-855-695-2818 or visit studentlifeservices.com – password LMU1.

Empathia FAQ's

What does Empathia provide? Empathia helps students identify and manage any issue they may be struggling with. Services include consultation, short-term counseling, and referral. If longer-term assistance is needed, Empathia specialists will refer you to qualified professionals or organizations in your community.

What kind of concerns can Empathia help with? Professionals are available to help you manage any issue that is on your mind, including relationship matters, family concerns, or any work, school, or personal matter. Empathia specialists can also help you with psychological concerns such as depression, anxiety, anger, and grief, as well as issues surrounding alcohol and drug abuse. No matter what, no matter when—Empathia can assist you with counseling and resource information to help you focus on your priorities.

How do I reach Empathia? Just call 855-695-2818 or log on to <u>https://studentlifeservices.com</u> any time, any day. Use the student access code **LMU1** for first time log on and registration.

Can family members use the service? Empathia offers the same suite of services for your family and household members as long as you remain an active student.

What does it cost? There is no cost to you or to your family or household members. LMU-DCOM school has provided this benefit to support your success.

Will LMU-DCOM know I used the service? Is it REALLY confidential? LMU-DCOM will not know if you use the service unless you want the school to know. The Empathia counselors are legally bound by their licensure not to release information without written consent from you. The only time confidentiality is broken is when Empathia is obligated by "duty to warn" laws.

What is "duty to warn?" "Duty to warn" involves cases regarding possible homicide, suicide, or child abuse. In these cases, Empathia is obligated by law to notify the proper authorities.

How long does a counseling session last? A counseling session typically lasts 50 minutes.

³⁴ Standard 9 Element 9.8: Mental Health Services (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

StudentLife[®]

A Guide to StudentLife Services

When you need useful ideas, helpful resources or reliable professional care, StudentLife is just a phone call away. Free, confidential StudentLife services include:

Telephone and face-to-face assistance with:

- Stress, depression and personal problems
- Balancing school and personal needs
- Family and relationship concerns
- Alcohol or drug dependency
- Conflicts at school or work
- Any other issue of concern in your life

School/Life Resources:

- Financial consultation and resources to set up a budget, establish good credit, or learn more about student loan options or managing debt.
- Legal consultation with an attorney either over the phone or face-to-face for consumer law, traffic citations and fender benders, family law or landlord-tenant issues.

Online and assisted searches for:

- Child and elder care resources and guidance
- Finding new service providers after a move

- Volunteer opportunities
- Educational resources
- Personal security
- Online calculators for a variety of analytical questions and needs
- Veterinarians, pet sitting and obedience training

The program's user-friendly, confidential services are available to you 24 hours a day, every day of the year by calling: 1-855-695-2818 or visiting:

studentlifeservices.com - password LMU1

Services provided directly by StudentLife are free. If you are referred to outside resources, you will be advised about your costs, if any.



Appendix D: COMAT Self-Proctoring

- 1. Self-proctored examinations allow students to take the web-delivered COMAT subject examinations from any location, without a proctor, **governed by the LMU-DCOM Honor Code**.
- Students must evaluate internet connection prior to exam day at: <u>Check Readiness: Program</u> <u>Workshop</u>. Wireless networks are not recommended due to reliability and performance issues, with disconnects happening more frequently.
- 3. Students will receive exam codes and the exam start-time in an email from the Office of Clinical Education.
- 4. Choose the "Self-Proctored" option to begin the exam.
- The launch code (identifies student) is entered first and will follow the pattern, "LLNNNNNNLL" where L = Letter and N = Number. The proctor code (identifies school) is entered after the launch code.
- 6. If the exam unexpectedly shuts down (lost internet connection, etc.), relaunch the browser and re-enter exam codes to resume the test.
- 7. If the exam "freezes," restart the computer, relaunch the browser and re-enter exam codes.
- 8. When a shut-down occurs or the computer is restarted, all answers are saved, the timer is paused, and the exam can be resumed on the question being answered when the shut-down occurred.
- 9. The proctor code will expire after 2 hours and 20 minutes. If a message is received that the proctor code is "invalid," call 423-869-6237 to receive a new proctor code.
- 10. Students are encouraged to review "Frequently Asked Questions" regarding COMAT selfproctoring by clicking <u>here</u> or by entering the URL below: <u>https://www.programworkshop.com/PW2/Core/3.0/Login/Login/Faq?SK=200&CV=3.0&RV=1.1</u> <u>&SCV=3.1&SBV=1.1&C=0&P=114&I=0&U=0&UL=0&sc=gsC</u>
- 11. If students receive extended time, they must notify the Office of Clinical Education prior to the first COMAT exam attempt.

Appendix E: COMAT Preparation and Study Resources

The Comprehensive Osteopathic Medical Achievement Test (COMAT) is a series of Osteopathically distinctive subject examinations designed to assess Osteopathic Medical Students' core knowledge and elements of Osteopathic Principles and Practice essential for pre-doctoral training. The NBOME's COMAT series currently includes eight Core clinical disciplines. Each discipline is designed for standardized assessment in Core Osteopathic medical disciplines, such as end-of-course or clinical rotation student assessment. They assess an Osteopathic Student's achievement level on those disciplines, with an emphasis on clinical application.

<u>COMAT - NBOME</u>

Content and Structure

NBOME COMAT exams are much more clinically oriented than COMLEX Level 1. The exams can be described as "mini" specialty specific COMLEX Level 2-CE exams. Tests will consist of common, high-yield topics. The vast majority of questions are comprised of a clinical vignette(s) and one of the following questions:

- ... Which of the following is the most likely diagnosis?
- ... What is the most appropriate next step in diagnosis?
- ... What is the most appropriate next step in management?
- ... What is the most likely underlying cause of this [clinical/lab/radiographic] finding?
- ... What is the most likely explanation for this patient's symptoms?
- ... Which of the following is most likely to improve the underlying condition?
- ... Which of the following is the most appropriate pharmacotherapy?
- ... Which of the following is the most appropriate course of action/response?
- ... What is the most accurate interpretation of this result?
- ... Which of the following is the most likely causal organism?
- ... Which of the following measures is most likely to have prevented this patient's

condition? (Excerpt taken from Greer, M., & Hartnett, S. (n.d.). Tips and Templates for the Student Doctor.)

General Advice for COMAT Exam Preparation

- 1. Four-week clinical rotations pass very quickly. From the rotation's first day, plan on devoting time every day for completing rotation assignments, reading about your patients, and studying for the COMAT exam.
- 2. Read the course syllabus and/or introductory email to review the learning objectives and specific reading suggestions for the rotation.
- 3. Complete the assigned didactics for the rotation. Didactics are there to help you perform well on the rotation and on the COMAT exam.
- 4. Read the relevant textbook and other learning resources for your rotation.
- 5. Review your performance from the relevant OMS-II systems courses. Review the lecture slides and videotaped lectures from the corresponding OMS-II systems course.
- 6. Check your syllabus or the Canvas announcements from the Rotation Director for specific reading suggestions or topics to focus on for the exam.
- 7. When you are taking the test, be aware of time constraints and be sure to leave enough time to answer all questions. Do not spend too much time on one single question.
- 8. Question banks can be helpful, but they are not a good substitute for a solid understanding of the underlying material.

General Advice for Remediating a Failed COMAT Exam

- 1. Review the general advice given above and your thoughts about the first exam.
- 2. Review your sub scores for the exam and identify areas in which you need improvement. Put additional study time on these areas but do not spend all of your study time on only the weaker areas.
- 3. Contact the discipline-specific Rotation Director and Mr. Rick Slaven (ricky.slaven@lmunet.edu) to discuss the exam and suggestions for improvement. It is the student's responsibility to contact the Rotation Director for further guidance.
- 4. Review your score and your schedule and decide when to retake the COMAT exam. You have 90 days after notification of your results to schedule and retake the exam. Three failures of any single COMAT results in a failed rotation. Realize that in most cases you will be on another rotation while preparing to remediate a failed exam.
- 5. Email or call Rick Slaven to discuss your retake date.
- 6. Consider using additional question bank sources or review books in preparation for the exam retake.

Study Resources³⁵

The best resource for the COMAT is the student's clinical rotation and didactics. It is recommended that content review and practice questions be completed in order to adequately prepare. **Students are encouraged to develop self-directed learning skills and should study a small amount every day to be on track leading up to each COMAT exam.**

The following are resources that can be used in preparation for the COMAT exam:

1. Sample COMAT Subject Exams

Review the NBOME subject exam website for sample test questions and specific information for each NBOME COMAT exam at:

Clinical Subjects — NBOME

2. Rotation Didactics

OnlineMedEd and COMQUEST Question Banks are provided to students to prepare for COMAT exams as well as for COMLEX Level 2-CE. Some rotations include additional didactics designed by the Rotation Director to supplement these study resources.

3. Additional COMAT Study Resources

Listed below are additional study resources that students may find useful (possibly at an additional cost). Before you spend money on these resources, check the Reed Health Services Library website <u>http://library.lmunet.edu/library</u> to see if the resources you need are available online.

- UWorld Qbank: UWorld Login
- TrueLearn | COMBANK: TrueLearn Login | COMBANK Login
- Case Files series: <u>Case Files Collection (mhmedical.com)</u>
- Blueprint series: Martin S. Lipsky
- Step Up to Medicine series: Steven S. Agabegi
- First Aid series: Latha Ganti and Matthew S. Kaufman
- Master the Boards: Conrad Fischer

³⁵ Standard 6 Element 6.7: Self-Directed Learning. The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.

- Crush Step 2: Adam Brochert
- OMT Review: Robert Savarese
- MEDBULLETS: <u>http://step2.medbullets.com/</u>
- Universal Notes: <u>https://web.myuniversalnotes.com/index#home</u>
- Lecturio: <u>https://www.lecturio.com/</u>
- AMBOSS: <u>https://www.amboss.com/us/</u>
- UpToDate
- Medscape
- MedFools ScutSheets
- Podcasts: The Student Services office can provide you with a list of popular podcasts.

For assistance in finding the right study approach for you, please contact:

- Dr. Aaron Phillips, Director of Academic Support at Harrogate <u>aaron.phillips@Imunet.edu</u>
- Dr. Cody Harrison, .Ed.D, Director of Academic Support at Knoxville <u>christopher.harrison@lmunet.edu</u>

Appendix F: Library Resources for Students on Clinical Rotations

The Reed Health Sciences Library Clinical Resources

We provide resources to students on rotation to support learning ar practice at point of care.



AccessMedicine Comprehensive collection of realistic patient case files.



Bates' Visual Guide Videos of systems-based physical examination techniques.



Cochrane Library Collection of systematic reviews and clinical trials, via MyLMU.



Micromedex Medical reference for drugs, diseases, and clinical calculators.



PubMed Clinical Queries Evidence-based clinical studies and systematic reviews.



STAT!Ref Full-text titles, journals, and pointof-care resources.



UpToDate Evidence-based tool for support at point-of-care, via MyLMU.



VisualDX Tool for differential diagnoses based on visual findings.



For more information, please consult your librarian: Jacquelynn Stephens, MA, MLIS Email: Jacquelynn.stephens@LMUnet.edu

Phone: 865.338.5708

Appendix G: MATCHMaker Program³⁶

Mentoring Program

The mission of the LMU-DCOM MATCHMaker Program is to provide physician alumni mentors to current LMU-DCOM OMS-III and OMS-IV students wishing to learn more about specialty choices, the residency application process and residency programs nationwide. The LMU-DCOM MATCHMaker Program provides students an opportunity to correspond with alumni that have similar interests to provide support and guidance as the students navigate the process of clinical rotations, residency interviews, and residency application.

What Is Required to Participate?

The LMU-DCOM MATCHMaker Program is a volunteer program. You may enroll in the program by contacting Amy Drittler, Director of Alumni Services (<u>amy.drittler@LMUnet.edu</u>) or by following the link below. Mentees and mentors will be notified by email of mentorship pairings. It is expected that students requesting a MATCHMaker mentor will make the initial contact with their mentor once notified of their MATCHMaker assignment. Physician alumni mentors and student mentees may enter or exit the program at any time. The mentoring relationships that may develop between alumni and current students are voluntary and are largely governed by the extent to which a student requests guidance from their mentor.

<u>Click here if you are a current OMS-III or OMS-IV student who would like to be paired with a</u> <u>MATCHMaker mentor.</u>

³⁶ Standard 9 Element 9.6: Career Counseling (CORE). The AOA COCA Accreditation of Colleges of Osteopathic Medicine: COM Continuing Accreditation Standards, August 1, 2023.