At MSUCOM, we are constantly working to improve our curriculum and to meet new AOA accreditation guidelines. We need to meet the challenges of modern medicine that force us to innovate. While major changes will generally be instituted at the beginning of the school year, most minor changes may be implemented semester to semester.
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Pre-Approval and Pre-Requisites

• An application is required for every selective/elective rotation.

• 30-day advance application approval required (applies to a rotation add, change or cancellation)

Introduction and General Description of Course

This course is designed to provide the student with an opportunity to actively engage in patient-based, learning experiences under the guidance of a faculty member (preceptor) in collaboration, as appropriate, with residents and/or fellows.

Clerkship in Physical Medicine and Rehabilitation is a 3-credit hour, 2-week long elective course that provides students with exposure to inpatient and/or outpatient physiatric treatment of a general PM&R patient population.

Goals and Objectives

GOALS

1. Students will gain a basic understanding of the practice of Physical Medicine and Rehabilitation (PM&R)

2. Students will appreciate the elements of patient care as they apply in both the inpatient acute rehabilitation and outpatient

OBJECTIVES

1. By the end of the rotation 3rd or 4th year students will be able to identify three commonly encountered PM&R diagnoses

2. By the end of the rotation 3rd or 4th year students will be able to identify therapeutic disciplines which are commonly members of the PM&R interdisciplinary team

3. By the end of the rotation 3rd or 4th year students become familiar with the basic PM&R references listed below.

COLLEGE PROGRAM OBJECTIVES

In addition to the above course-specific goals and learning objectives, this clerkship rotation also facilitates student progress in attaining the College Program Objectives. Please refer to the complete list provided on the MSUCOM website.
References

Recommended:


Optional:

Student Responsibilities

Student are expected to attend this rotation, Monday through Friday from approximately 7:30 to 18:00.

• The student will meet the following clinical responsibilities during this rotation:

  o Contact Course Coordinator at the hospital rotation is taking place before start of rotation regarding Medical Student rotation requirements

  o Arrive on time for all PM&R Clinics and for Inpatient Rounds as arranged with the Chief Residents.

  o Wear professional clothing and/or white clinic jacket

  o Students are expected to function collaboratively on health care teams that include health professionals from other disciplines in the provision of quality, patient-centered care.

• The student will meet the following academic responsibilities during this rotation:

  o Students are expected to identify, access, interpret and apply medical evidence contained in the scientific literature related to patients health problems.

  o Students are expected to: assess their personal learning needs specific to this clinical rotation, engage in deliberate, independent learning activities to address their gaps in knowledge, skills or attitudes; and solicit feedback and use it on a daily basis to continuously improve their clinical practice.

Meeting or not meeting the above responsibilities will be used by the instructor of record in the determination of the final grade in the course.

Hospital/Clinical Site Requirements
(To be defined and evaluated by individual hospitals)

Students are responsible for completing any and all additional requirements set by the hospital/clinical site in which the student is completing the rotation. However, students are not responsible for reporting results of requirements outside the ones listed above to the college.
Clerkship in Physical Medicine and Rehabilitation
Rotation Clinical Requirements

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Submission Method</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attending Evaluation of Rotation <em>the determination of a satisfactory attending evaluation is governed by the College’s Policy for Retention, Promotion, and Graduation</em></td>
<td>To be appropriately submitted per the instruction at the end of each evaluation form</td>
<td>Final Day of Rotation</td>
</tr>
<tr>
<td>Student Evaluation of Rotation</td>
<td>“Evaluate” Link in Kobiljak Schedule (this link will activate on the final Monday of the rotation)</td>
<td>Final Day of Rotation</td>
</tr>
</tbody>
</table>

Unsatisfactory Clinical Performance

A student’s clinical performance will be assessed through the Attending Clinical Clerkship Rotation Evaluation. Unsatisfactory Attending Evaluations are governed by the Policy for Retention, Promotion and Graduation (4.e).

An overall “Below Expectations” rating on Section 1 of the Clinical Clerkship Rotation Evaluation will be referred to the Instructor of Record/Department Chairperson for review and grade determination. Students who receive two or more Clinical Clerkship Rotation Evaluations with an overall “Below Expectations” rating will be referred to the COSE Clerkship Performance Subcommittee for review.

An overall “Below Expectations” rating on Section 2 of the Clinical Clerkship Rotation Evaluation will be referred to the Associate Dean/Student Services. In consultation with the Instructor of Record/Department Chairperson a determination of action will be reached.

**IMPORTANT NOTE:** The student will maintain an “Extended” (ET) grade until they have successfully completed all academic and clinical requirements for the course.
Clerkship in Physical Medicine and Rehabilitation
Core Competencies/Learning Modules

This rotation will expose students to the core competencies as applied in a PM&R setting, including Medical Knowledge, Patient Care, Practice Based Learning Communication Skills Professionalism and Osteopathic Principles and Practice.

MEDICAL KNOWLEDGE

Goal:

Medical students should demonstrate a basic ability to access the medical literature in search of commonly cited studies pertinent to PM&R, as well as the ability to apply evidence-based knowledge to patient care.

Objectives:

1. Discuss the diagnosis and rehabilitation of the common system disorders seen in an outpatient PM&R clinic.
2. Describe basic sciences relevant to PM&R such as anatomy, physiology, pathology and pathophysiology of the common system disorders seen in an outpatient PM&R clinic.
3. Demonstrate basic skills in reviewing PM&R specific, patient laboratory results and imaging reports.

PATIENT CARE

Goal:

Medical students should have patient interactions that are compassionate, appropriate, and effective for the treatment of health problems and the promotion of health.

Objectives:

1. Demonstrate the basic skills necessary to gather and present a patient history and to perform a PM&R specific musculoskeletal physical examination.
2. Demonstrate familiarity with safety and universal precautions when examining patients.

PRACTICE-BASED LEARNING

Goal:

Medical students should demonstrate the ability to research and assimilate basic scientific
evidence.

Objectives:

1. Identify strengths, deficiencies, and limits of experience
2. Set personal learning and improvement goals
3. Identify and perform appropriate learning activities
COMMUNICATION SKILLS

Goal:

Medical students should demonstrate interpersonal and communication skills that result in the effective exchange of information with patients, their families, and health professionals.

Objectives:

1. Communicate effectively with patients, families, and health professionals across a range of socioeconomic and cultural backgrounds
2. Communicate effectively with other health professionals

PROFESSIONALISM

Goal:

Medical students should demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles.

Objectives:

1. Demonstrate compassion, integrity, and respect for others
2. Model responsiveness to patient needs that supersedes self-interest
3. Respect patients’ privacy and autonomy

OSTEOPATHIC PRINCIPLES AND PRACTICE

Goal:

Medical students should demonstrate an interest in and basic understanding of the use common manual medicine techniques including HVLA, SCS and MFR and be familiar with the basic principles of osteopathy.

Objectives:

1. Demonstrate basic osteopathic manipulative treatment skills
2. Perform a basic structural and placatory examination, with assistance, in patients with musculoskeletal complaints
MSU College of Osteopathic Medicine Standard Policies

The following are the standard MSUCOM policies students must adhere to across all Clerkship courses/rotations.

**ATTENDANCE POLICY**

Attendance at all scheduled Clerkship activities is mandatory.

Clerkship activities are mandatory and timely attendance is expected at all educational events.

In the event a student must be absent from clerkship activities, he/she must, firstly, have prior approval from the Graduate Medical Education office (DME/DIO, Clerkship Director, and/or Student Clerkship Coordinator per the rotation sites process/policy). The clinical preceptor must also approve the absence, and determine an acceptable make-up plan, which may include, but is not limited to additional time on rotation, additional presentation(s), or written assignment(s). In the event of an emergency, the student must contact the Graduate Medical Education office and clinical preceptor as soon as the situation allows. Any exception to this attendance policy for any given rotation will be noted in the course syllabus.

Abuse of this policy, as determined by the GME office or a clinical preceptor, may be documented in a student evaluation(s) and/or reported to the Associate Dean of Student Services at MSUCOM via the Student Incident Report Form: [http://com.msu.edu/Students/Registrar/Policies.htm](http://com.msu.edu/Students/Registrar/Policies.htm) or via phone call to the Associate Dean of Student Services (517-353-8799).

Rotation Specific Attendance: We anticipate the 3rd and 4th year students may need to schedule interviews and have other obligatory meetings: a Chief Resident and the Residency Program Directors must approve any absences of this nature IN ADVANCE. Depending on the nature of the absence and the number of hours/days requested, student should expect to make up lost time with weekend call.

**Rotation Specific Attendance Policy:** We anticipate the 3rd and 4th year students may need to schedule interviews and have other obligatory meetings: A Chief Resident and the Residency Program Directors must approve any absences of this nature IN Advance. Depending on the nature of the absence and the number of hours/days requested, the student should expect to make up the lost time with a weekend call.

Policy for Medical Student Supervision

**Supervisors of the Medical Students in the Clinical Setting**
The MSUCOM curriculum includes required clinical experiences in a variety of clinical learning environments. The role of the student is to participate in patient care in ways that are appropriate
for the student’s level of training and experience and to the clinical situation. The student’s clinical activities will be under the supervision of licensed physicians. This supervising physician may delegate the supervision of the medical student to a resident, fellow, or other qualified healthcare provider, however, the supervising physician retains full responsibility for the supervision of the medical students assigned to the clinical rotation and must ensure his/her designee(s) are prepared for their roles for supervision of medical students.

The physician supervisor and his/her designee(s) must be members in good standing in their facilities and must have a license appropriate to his/her specialty of practice and be supervising the medical student within that scope of practice as delineated by the credentialing body of the facility.

**Level of Supervision/Responsibilities**

Clinical supervision is designed to foster progressive responsibility as a student progresses through the curriculum, with the supervising physicians providing the medical student the opportunity to demonstrate progressive involvement in patient care. MSUCOM students will be expected to follow clinical policies of the facility regarding medical records and clinical care. Medical student participation in patient history/physical exam, critical data analysis, management, and procedures will include factors, but not limited to:

- The students demonstrated ability
- The students level of education and experience
- The learning objectives of the clinical experience

First and second year medical students will be directly supervised at all times (supervising physician or designee present or immediately available.

Third and fourth year medical students will be supervised at a level appropriate to the clinical situation and student’s level of experience. For some tasks, indirect supervision may be appropriate for some students. Direct supervision would be appropriate for advanced procedures.

Supervising physicians will provide medical students with timely and specific feedback on performance. The supervising physician will complete a mid-rotation evaluative discussion with the medical student. Supervising physicians will complete a summative evaluation and are encouraged to contact the course/clerkship director with any gaps in student performance.

Medical students with any concern regarding clinical, administrative, and educational or safety issues during his/her rotation will be encouraged to contact the supervising physician or clerkship/course director.

**STATEMENT OF PROFESSIONALISM**

Principles of professionalism are not rules that specify behaviors, but guidelines that provide direction in identifying appropriate conduct. These principles include the safety and welfare of patients, competence in knowledge and skills, responsibility for consequences of actions, professional communication, confidentiality, and lifelong learning for maintenance of professional skills and judgments.

Professionalism and professional ethics are terms that signify certain scholastic, interpersonal and behavioral expectations. Among the characteristics included in this context are the knowledge, competence, demeanor, attitude, appearance, mannerisms, integrity and morals displayed by the student to faculty, peers, patients and colleagues in other health care professions. Students are
expected to conduct themselves at all times in a professional manner and to exhibit characteristics of a professional student.

**STUDENTS RIGHTS AND RESPONSIBILITIES**

Each individual student is responsible for their behavior and is expected to maintain standards of academic honesty. Students share the responsibility with faculty for creating an environment that supports academic honesty and principles of professionalism. Proper relationship between faculty and student are fundamental to the college’s function and this should be built on mutual respect and understanding together with shared dedication to the education process. It is a fundamental belief that each student is worthy of trust and that each student has the right to live in an academic environment that is free of injustice caused by dishonesty. While students have an obligation to assist their fellow students in meeting the common goals of their education, students have an equal obligation to maintain the highest standards of personal integrity.

**FACULTY RESPONSIBILITIES**

It is the responsibility of the college faculty to specify the limits of authorized aid (including but not limited to exams, study aids, internet resources and materials from senior students) in their syllabi, and it is the responsibility of students to honor and adhere to those limits. Course instructors shall inform students at the beginning of the semester of any special criteria of academic honesty pertinent to the class or course.

It is the responsibility of the clinical faculty to provide students with ongoing feedback during rotation upon request. Clinical faculty are generally recommended (though not required) to limit student assigned duty hours from 40 to 60 hours weekly (and not exceeding 60 hours). Both faculty and students are to be treated fairly and professionally in order to maintain a proper working relationship between trainer and trainee.

**COURSE GRADES**

- **P-Pass** – means that credit is granted and that the student achieved a level of performance judged to be satisfactory according to didactic and clinical performance by the department.
- **N-No Grade** – means that no credit is granted and that the student did not achieve a level of performance judged to be satisfactory according to didactic and clinical performance by the department.
- **ET-Extended Grade** – means that a final grade (“Pass” or “No Grade”) cannot be determined due to one or more missing course requirements. In Years 3 and 4, the ET grade is used instead of an “Incomplete (I)” grade. Once all course requirements have been completed, received, and processed, the ET grade will be changed to a final grade. An “ET” will NOT remain on a student’s transcript.

**N-GRADE POLICY**

- Remediation is not offered for Clerkship courses. Any student who receives an N grade in the Clerkship Program will be required to appear before the COSE Clerkship Performance Subcommittee (COSE).
**ROTATION EVALUATIONS**

**Attending/Faculty/Resident Evaluation of Student**
Students are responsible for assuring that his/her clinical supervisor receives the appropriate evaluation form. Forms can be accessed via the “Attending Evaluation” link in the student’s Kobiljak online Clerkship schedule. Students should assertively seek feedback on his/her performance throughout the course of the clinical rotation. Students should also sit down and discuss the formal evaluation with the clinical supervisor. Students should keep a copy of the evaluation and leave the original with the Medical Education Office at the clinical training site where that office will review, sign, and forward the completed form to the COM Office of the Registrar. It is important to know that evaluations will not be accepted by the COM Office of the Registrar if submitted by the student. Any evidence of tampering or modification while in the possession of the student will be considered “unprofessional behavior” resulting in an “N” grade and review by the Committee on Student Evaluation (COSE) and/or the College Hearing Committee.

Grades are held until all rotation requirements, including evaluation forms, are received. Be sure you are using the correct form.

**Student Evaluation of Rotation**
Students will submit their rotation evaluations electronically at the conclusion of every rotation by accessing their online schedule through Kobiljak.

**EXPOSURE INCIDENTS PROTOCOL**

A form has been developed by the University to report exposure incidents. These forms will be on file in your DME's office. You can also access the form at www.com.msu.edu/AP/clerkship_program/_clerkship_documents/exposure.pdf. Please make yourself familiar with the procedure and the form.