OSS 644
SPORTS MEDICINE CLERKSHIP
Selective/Elective Clerkship Rotation Syllabus

OSTEOPATHIC/SURGICAL SPECIALTIES

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MSUCOM constantly strives to improve and advance its curriculum through innovation while assuring compliance with current AOA accreditation standards. While major changes are generally instituted at the beginning of each academic year, minor changes may be implemented semester to semester.

Please be mindful of the need to read your syllabi before beginning your rotations.
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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)

Educational Purpose and Goals

By the end of the rotation, the learner (student) will have a working knowledge of common musculoskeletal, ambulatory sports related injuries, and their treatment. They will have been exposed to surgical and non-surgical treatment of musculoskeletal injuries. The learner will be exposed to and may be able to perform a focused history and physical exam for injuries and conditions, understand the purpose of the diagnostic studies ordered, and be able to formulate an evidence-based treatment plan for the patient.

Educational Content

a. The learner will encounter musculoskeletal injuries and disease processes of the head, neck, shoulders, arms, hands, torso, back, pelvis, legs, feet, and ankle. They will be exposed to a wide variety of sports related injuries to these areas and the treatment plan for such injuries. They may be instructed on pre participation physicals and sports assessment. The learner may be able to perform procedures like joint injections, casting, splinting, bracing, and post-operative care of musculoskeletal injuries under the supervision of an attending.

b. Patient characteristics include patients ranging in age from pediatric to geriatric and patients with a broad array of ethnic and socioeconomic backgrounds. Learners will be exposed to injuries from a very broad array of sports, including the performing arts.

c. Patient Encounters: Patients will present for new consultations, follow up appointments for acute/chronic medical conditions, or for outpatient procedures.

d. Procedures learned
   1. Arthrocentesis/ Joint injections.
   2. Casting/splinting/bracing.

Structure of rotation:

Learners will be scheduled within a monthly schedule of the faculty preceptors. They will be exposed to both surgical and non-surgical patients. The learner is responsible for reporting to the office by 8 am each week day they are scheduled to be here.
Institutional Resources: Strengths and Limitations

a. Strengths:
   i. The rotation utilizes highly trained subspecialists with a stated interest in teaching.

b. Limitations:
   i. Electronic resources may vary among the preceptors’ offices.
   ii. Due to the highly technical aspects of some of the care delivered by these preceptors, the learner will act as an observer some of the time.

Rotation Specific Competency Objectives

c. Patient Care. By the end of the rotation, the learner will be able to:
   i. Perform focused, subspecialty-level history and physical exams for patients with musculoskeletal symptoms and patients who want to participate in sports and other recreational activities.
   ii. Formulate evidence-based management plans for musculoskeletal problems.
   iii. Perform appropriate musculoskeletal examinations and maneuvers.
   iv. Evaluate and formulate evidence-based management plans for the patient with concussion.

d. Medical Knowledge. By the end of the rotation, the learner will be able to:
   i. Describe the epidemiology and pathophysiology of musculoskeletal pain and injury.
   ii. Describe the epidemiology and symptoms of concussion injury.
   iii. Construct rational differential diagnoses for pain or swelling of the head, neck, shoulders, arms, hands, torso, back, pelvis, legs, feet, and ankle.

e. Interpersonal and Communication Skills. Throughout the rotation, the learner will demonstrate effective communication with physicians, patients, and staff members.

f. Professionalism. Throughout the rotation, the learner will demonstrate appropriate professional behavior with support staff, physicians and patients. We have a casual but professional atmosphere at Sports Medicine and having said that, we also must present ourselves with the highest professional standards and that means dressing in a professional manner. The learner will demonstrate compassion and respect for patients with painful or disabling conditions.

g. Practice Based Learning and Improvement. The learner will demonstrate critical appraisal skills and use of information technology throughout the rotation.

h. Systems Based Practice. By the end of the rotation, the learner will be able to triage patients to treatment within the sports medicine primary care office versus orthopedic surgery.
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</td>
<td>To be appropriately submitted per the instructions at the end of each evaluation form</td>
<td>Final Day of Rotation</td>
</tr>
<tr>
<td><em>the determination of a satisfactory attending evaluation is governed by the College's Policy for Retention, Promotion, and Graduation</em></td>
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<tr>
<td>Student Evaluation of Rotation</td>
<td>&quot;Evaluate&quot; 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 Chairman 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.
MSU College of Osteopathic Medicine Standard Policies

The following are standard MSUCOM policies across all Clerkship rotations.

CLERKSHIP ATTENDANCE POLICY

Clerkship activities are mandatory and attendance is expected at all educational events. If an expected or unexpected event occurs which prevents a student from meeting attendance requirements, the student must contact the hospital-based student coordinator and clinical preceptor prior to the absence. The clinical preceptor will determine an acceptable make-up plan which may include, but is not limited to: extra time on service, additional presentation(s), or written assignment(s).

Abuse of this policy, as determined by 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.

This policy serves as the general attendance policy for all clerkship events. Additional, specific policies governing absence and attendance may be present for certain rotations. Please refer to the rotation syllabus for these specifics and be aware that you are responsible for these specifics as well.

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. 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
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.

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](http://www.com.msu.edu/AP/clerkship_program/clerkship_documents/exposure.pdf). Please make yourself familiar with the procedure and the form.