Pediatric Emergency Medicine Clerkship

CLERKSHIP ELECTIVE ROTATION SYLLABUS

OSTEOPATHIC MEDICAL SPECIALTIES
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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 changes will generally be instituted at the beginning of the school year, changes may also be implemented semester to semester.

Please be mindful of the need to read your syllabi before beginning your rotations.
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INTRODUCTION AND OVERVIEW
This syllabus provides an overview of rotation goals and objectives designed to help you gain an understanding of the breadth and scope of this subject. As you progress through the rotation, you will perform certain activities intended to help you meet the identified goals and objectives. Please make sure to review this syllabus in its entirety to ensure understanding of the rotation format, syllabus content, and MSUCOM expectations.

ELECTIVE COURSE SCHEDULING
Preapproval
- This course requires preapproval from the IOR. The student must contact the IOR via email with the following details of the rotation/rotation site:
  - Approvals from the facility where the rotation will occur and Clerkship Team (COM.Clerkship@msu.edu) is required for every selective/elective rotation.
- General Confirmation of approval from the IOR is to be sent to COM.Clerkship@msu.edu for final clerkship approval and scheduling.

Course Confirmation and Enrollment
- The student must be an active student at Michigan State University College of Osteopathic Medicine (MSUCOM).
- Student must complete five core rotations prior to any elective rotation.
- The student must receive MSUCOM confirmation and enrollment prior to beginning any elective rotation.
  - Once the student receives rotation acceptance from the host site, students must provide the elective application and host site approval to COM.Clerkship@msu.edu for MSUCOM confirmation and scheduling.
  - MSUCOM confirmation and enrollment is complete when the rotation is visible on the student’s schedule.
  - MSUCOM confirmation must occur at least 30 days in advance of the rotation.

ROTATION FORMAT
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.

Rotations are typically two weeks, 3 credit hours or four weeks, 6 credit hours in duration. Timeframes for each rotation are decided at least 30 days prior to the beginning of the rotation.

Rotation schedules are not to be submitted until the last Friday-Sunday of the rotation. You must document your actual schedule worked. You are required to document any time off for illness, boards, etc. that caused a deviation from the schedule you were provided. All rotation days must be accounted for.

The overall performance of course participants will be evaluated through customary assessment instruments normally employed by the department for core rotations, at the discretion of the instructor of record.
This rotation may count for Pediatrics elective or Emergency Medicine elective credit.

This rotation must be performed in a facility with a dedicated Pediatric Emergency Department with appropriate Pediatric Emergency Medicine faculty.

GOALS AND OBJECTIVES

GOALS

1. Develop an appreciation of the practice of medicine as related to the specialty of the preceptor.
2. Assimilate what they learn and demonstrate their understanding of patient-care through ongoing interaction and dialogue with, as well as formative feedback from, the preceptor.
3. Demonstrate an understanding of the (seven) osteopathic core competencies (as applicable).

Educational Goals:
The pediatric emergency medicine rotation is intended to provide the student with hands on experience in the evaluation and treatment of various conditions related to pediatric emergencies.

1. The clinical experience will emphasize the diagnosis and management of acute pediatric emergent disease.
2. The clinical experience will emphasize evaluation of risk factors, and management of risk factors to prevent disease advancement if possible.
3. The clinical experience will include learning to perform a complete and accurate patient history and physical exam.
4. The clinical experience will include identification and indications for appropriate diagnostic studies.
5. The clinical experience will help the student identify the first line therapy for common pediatric emergencies.
6. The clinical experience will help the student identify when a patient may need transfer to a higher level of care, and allow participation in that process when appropriate.

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 (https://com.msu.edu/) and in the Student Handbook.

REFERENCES

REQUIRED STUDY RESOURCES
There is no assigned textbook. See above suggested readings for each of the modules listed. Reading assignments are also under the purview of the preceptor.

- Textbook Access Emergency Medicine in Book section” Strange and Schafermeyer's Pediatric Emergency Medicine, 5e
## Desire 2 Learn (D2L)

### ROTATION REQUIREMENTS

<table>
<thead>
<tr>
<th>REQUIREMENT</th>
<th>SUBMISSION METHOD</th>
<th>DUE DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patient Types and Procedure Log</td>
<td>See page at the end of syllabus and upload into D2L Drop Box for the course</td>
<td>11:59 pm Last Sunday of Rotation</td>
</tr>
<tr>
<td>Clinical Shift Schedule</td>
<td>Online D2L Drop Box</td>
<td><strong>Not to be submitted until the last Friday-Sunday of the rotation, and must be the schedule you worked, not what you were scheduled to work.</strong></td>
</tr>
<tr>
<td>Create an Access Emergency Medicine Pretest with a score of 75% or higher 30 questions from Pediatrics section and 20 questions from the toxicology questions</td>
<td>Submitted first page with name and score submitted electronically in D2L</td>
<td>11:59 pm Last Sunday of the Rotation</td>
</tr>
<tr>
<td>Access Emergency Medicine Case 32 Fever without a source in a 1-3 month old with a score of 75%</td>
<td>Submitted first page with name and score submitted electronically in D2L</td>
<td>11:59 pm Last Sunday of the Rotation</td>
</tr>
<tr>
<td>Access Medicine Cases #34 Febrile Seizure with a score of 100%</td>
<td>Submitted first page with name and score submitted electronically in D2L</td>
<td>11:59 pm Last Sunday of the Rotation</td>
</tr>
</tbody>
</table>
WEEKLY READINGS/OBJECTIVES/ASSIGNMENTS

**Pediatrics: Emergency Medicine Approach to the Febrile Child**

Note: For all chapters that have a comprehensive quiz, you must take the quiz, save as a pdf and upload into the drop box for quizzes for this rotation:

**Objectives:**
By the end of this module, a 4th year medical student will be able to:

1. Define the neonatal period.
2. Define a fever in terms of temperature and method of obtaining.
3. Recognize hypothermia as a sign of sepsis in the neonatal period.
4. State the appropriate evaluation for a febrile neonate.
5. Identify characteristics that characterize febrile children >3mo old to have low risk for SBI.
6. Explain the mechanisms humans use to maintain thermoregulation
7. Identify signs and symptoms that indicate toxicity in children
8. State the appropriate emergent management for children who are exhibiting signs or symptoms of
   o toxicity
9. Identify risk factors in otherwise well appearing children that place them at risk for serious bacterial
   o infection

**Reading list**
- Access Emergency Medicine in Book Section: Strange and Schafermeyer's Pediatric Emergency Medicine, 5e Section 1 Cardinal Presentations Chapter 2 The Febrile or septic appearing neonate

- Access Emergency Medicine:
  Strange and Schafermeyer's Pediatric Emergency Medicine, 5e Section 1 Cardinal Presentations Chapter 3 The Febrile or septic appearing infant or child
Questions to ponder and cases to complete


https://accessemergencymedicine.mhmedical.com/CaseContent.aspx?gbosID=380855&gbosContainerID=154&viewByNumber=false&groupid=0#124707779

Access Emergency Medicine: Cases: Resident Readiness, 3 week old male with a fever.

https://accessemergencymedicine.mhmedical.com/CaseContent.aspx?gbosID=238704&gbosContainerID=94&viewByNumber=false&groupid=0#124707779

Access Emergency Medicine: Cases, Case Files: Case #34; Febrile Seizure

https://accessemergencymedicine.mhmedical.com/CaseContent.aspx?gbosID=380857&gbosContainerID=154&viewByNumber=false&groupid=0#168614015

Pediatrics: Emergency Medicine Pediatric Rehydration and Calculation of Fluids and Electrolytes

Objectives
1. define mild, moderate and severe dehydration
2. define components of rehydration
3. define common additives to rehydration fluids
4. discuss weight based calculations of potassium, sodium, and fluids

Reading list
- Strange and Schafermeyer's Pediatric Emergency Medicine, 5e. Section 14: Pediatric Fluid, Electrolyte and Acid Base Disturbances: Chapters 81-85

Questions to ponder
- Why is water not a good ‘clear liquid for infants and small children?
- What are outcomes when formula is mixed to be more dilute than per the instructions, to make the can of formula powder last longer?

Trauma: Emergency Medicine Mild Traumatic Brain Injury and Management: Concussion Management and PECARN head CT rules

Objectives
1. Be able to apply the PECARN head CT rules in children
2. Define concussion
3. List common sequelae of concussion
4. Apply return to activity guidelines for patients recovering from a concussion
5. Discuss the process of reading a head CT for trauma
6. Know the components and classifications of the Glasgow Coma Scale
7. Discuss the classification of head injury into mild, moderate, severe, primary and secondary
8. Know the relationship between mean arterial pressure, systolic and diastolic blood pressure, intracranial pressure and cerebral perfusion pressure
9. Identify patterns of head injury based on clinical examination

Reading list
- Strange and Schafermeyer's Pediatric Emergency Medicine, 5e: Trauma: Head Trauma
  Chapter 24: https://accessemergencymedicine.mhmedical.com/content.aspx?bookid=2464&sectionid=194748742
- PECARN guidelines for Pediatric Head Trauma: original research article: https://www.pecarn.org/documents/Kuppermann_2009_The-Lancet.pdf

Questions to ponder
1. Why does elevation of the head of the bed decrease ICP
2. What is the effect of maintaining the head in the midline versus turned to one side on ICP
3. Regarding clinical decision rules, understand that they never supersede the clinician at the bedside's exam and/or gestalt and are only guidelines.

Pediatrics: Emergency Medicine and Pediatric Poisoning

Objectives
1. Develop a list of common medications in which one pill could kill an inquisitive 2-year-old.
2. Develop a poison control sheet to hand out to parents/grandparents discussing the risks of certain medications that fit into the one-pill can kill category.
3. Be able to state the initial approach to the pediatric poisoning patient
4. Be able to list the toxic dose and treatment regimen for acetaminophen overdose
5. Be able to know the general treatment plan for any pediatric patient that ingests any cardiovascular drug, or any oral anti-diabetic medications

Reading list
- Strange and Schafermeyer's Pediatric Emergency Medicine, 5e. Section 22; Toxicology
- Do Chapters 113: General Approach
- Chapter 114: acetaminophen
- Chapter 119: Cardiovascular Drugs
Chapter: 122: Oral anti-diabetic agents

Pediatrics: Radiology Case Study

Objectives
1. How to read a head CT in a patient with head trauma
2. Be able to identify the various types of intracranial bleeding that you might see

Reading list
2. Radiology Case Studies: Section VI: VI-3: How to read a head CT in a patient with head trauma
3. Section VI:
4. You should review this whole section to be able to identify the various types of intracranial bleeding that you might see Section VI-3:

Requirements:
1. In Access Emergency Medicine create a 50 item quiz under Clerkship Tab; Pretest
   30 Questions from the Pediatrics Section
   20 Questions from the Toxicology Section – these might not be all peds, but remember children can get into adult medications – Diseases
   - Must achieve a 75% to pass on this 50 item quiz. May take as many 50 item quizzes as needed to achieve this score. Upload the first page score sheet of the results.

2. In Access Emergency Medicine Case #32; Fever without a source in 1-3 month old
   - Must achieve a 75% to pass
   https://accessemergencymedicine.mhmedical.com/CaseContent.aspx?gbosID=380855&gbosContainerID=154&viewByNumber=false&groupid=388#168613791

3. In Access Emergency Medicine Case #34; Febrile Seizure
   - Must achieve a 100% to pass
   https://accessemergencymedicine.mhmedical.com/CaseContent.aspx?gbosID=380857&gbosContainerID=154&viewByNumber=false&groupid=0#168614015

ROTATION EVALUATIONS
Attending 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 actively 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 Clerkship Team. Any evidence of tampering or modification while in the possession of the student will be considered “unprofessional behavior” and will be referred to the MSUCOM Spartan Committee Clearinghouse for resolution, per MSUCOM’s Common Ground Framework for Professional Conduct or to the Committee on Student Evaluation (COSE).

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

**Student Evaluation of Clerkship Rotation**

Students will submit their rotation evaluations electronically at the conclusion of every rotation by accessing their online evaluation system at:

http://hit-filemakerwb.hc.msu.edu/Clerkship/login_student.html

**Unsatisfactory Clinical Performance**

The Instructor of Record and/or the Assistant Dean for Clerkship Education will review/investigate a student’s performance on a rotation when a concern is raised by the supervisor(s), and when the Attending Evaluation of Clerkship Student contains any below expectation marks within the professionalism area, any unsatisfactory written comments, or a total of two or more below average marks on the evaluation.

Professionalism concerns, as well as accolades, will also be referred to the MSUCOM Spartan Committee Clearinghouse for resolution, per MSUCOM’s Common Ground Framework for Professional Conduct.

**CORRECTIVE ACTION PROCESS**

There is no Corrective Action offered on this course. As determined by the Instructor of Record, the student will receive an N grade for the course if all assignments are not completed successfully by the last day of rotation at 11:59pm (with the exception of the Attending Evaluation). Additionally, a letter of unprofessional behavior for late submission of assignments will be sent to the MSUCOM Spartan Community Clearinghouse.

**BASE HOSPITAL REQUIREMENTS**

Students are responsible for completing all additional requirements set by the hospital/clinical site in which the student is completing the rotation. Students are not responsible for reporting results of requirements outside the ones listed above to the college.
STUDENT RESPONSIBILITIES AND EXPECTATIONS

Course participants will meet the preceptor on the first day of the rotation at a predetermined location to be oriented to rotation hours, location(s), and expected duties and responsibilities while on-service.

• The student will meet the following clinical responsibilities during this rotation:
  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 patient’s 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.
  o It is the students responsibility to notify the Clerkship Office (com.clerkship@msu.edu) immediately if they are placed on quarantine or contract COVID.

MSU COLLEGE OF OSTEOPATHIC MEDICINE STANDARD POLICIES

The following are standard MSUCOM policies across all Clerkship rotations.

ATTENDANCE POLICY

OVERVIEW
Michigan State University College of Osteopathic Medicine (MSUCOM) requires student participation in clerkship rotations and clinical activities with consistent attendance to acquire the skills and knowledge that are necessary for successful program completion. Students are expected to take minimal time off outside of vacations already appearing in schedules and should only request time off in the rare events and circumstances outlined below.

Specific courses may have additional absence requirements from this general clerkship policy, and it is the student’s responsibility to adhere to these requirements according to the respective course syllabus.

GENERAL POLICY
• All absences from rotations must be excused absences obtained by completing the Clerkship Program Excused Absence Request Form.
  o Appropriate signatures must be obtained from both the attending physician and the student coordinator at the rotation site.
  o MSUCOM Assistant Dean for Clerkship Education must approve absences for prolonged illnesses, bereavement, research presentations/conferences, or absences exceeding the maximum time off any one rotation.
  o Once appropriate approval signatures are obtained, forms should be maintained for your records in the event they are requested or required at a later date.
• **Unexcused absences** are absences taken without the proper completion of the *Clerkship Program Excused Absence Request Form*, or absences outside of those listed in the Clerkship Attendance Policy. Unexcused absences are considered unprofessional and will result in a report to the Spartan Community Clearing House and/or the MSUCOM Committee on Student Evaluation (COSE).

<table>
<thead>
<tr>
<th>Length of rotation</th>
<th>Maximum number of days off</th>
<th>Exception for residency interviews from October to January in Year 4 only</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 weeks</td>
<td>2 days</td>
<td>Should an absence exceed these limits, the student is responsible for requesting additional days from the Assistant Dean for Clerkship Education via email <em>(<a href="mailto:com.clerkship@msu.edu">com.clerkship@msu.edu</a>)</em> <strong>prior to the absence.</strong></td>
</tr>
<tr>
<td>2 weeks</td>
<td>0 days</td>
<td>A fourth-year student may be absent a total of 4 days on any 4-week rotation, or 2 days on any 2-week rotation during the months of October-January during Year 4 for interview purposes only. If interview absences exceed these totals, the student must request additional days off from the MSUCOM Instructor of Record (IOR) for the course/rotation by submitting a <em>Clerkship Program Excused Absence Request Form</em> to the Course Assistant (CA). Contact information for the IOR and CA are found on the first page of the respective MSUCOM course syllabus.</td>
</tr>
<tr>
<td>Absence Type</td>
<td>Qualifications</td>
<td></td>
</tr>
<tr>
<td>------------------------------------------</td>
<td>--------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Personal Day</td>
<td>Illness&lt;br&gt;Medical/Dental appointments&lt;br&gt;Wedding, family graduations (additional reasons must be discussed with the Asst Dean for Clerkship Education prior to request)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 total days per year (individual events must comply with the max of 2 days off any 4-week rotation)</td>
<td></td>
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<tr>
<td></td>
<td>Vacations must be planned during allotted vacation time in schedule. Vacations are not acceptable personal day absences.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Jury Duty</td>
<td>Court documentation must accompany the Clerkship Program Absence Request Form.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jury duty, when obligated, is not considered a personal day absence.</td>
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<tr>
<td></td>
<td>Yes</td>
<td></td>
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<tr>
<td>Hospital-organized community events</td>
<td>Example: Special Olympic Physicals</td>
<td></td>
</tr>
<tr>
<td></td>
<td>N/A</td>
<td></td>
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<tr>
<td></td>
<td>These events would be considered part of the rotation and not a personal day absence.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Examination</td>
<td>COMLEX USA Level 2&lt;br&gt;CE/USMLE Step 2&lt;br&gt;CK/Canadian MCCEE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 day</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Students should be reporting to rotation before/after examination</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Conference/Research Presentation</td>
<td>Research presentation on core rotation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Travel and presentation time only</td>
<td></td>
</tr>
<tr>
<td></td>
<td>While on required/core rotations, no excused absences for any professional meeting will be allowed unless the student is presenting research in which they have participated. Required for request to Asst Dean for Clerkship Education; conference agenda, location, date of presentation, invitation, or confirmation of presentation by conference staff, proposed dates of absence.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Conference or research presentation while on an elective rotation</td>
<td>3 days on a 4-week elective rotation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Student must submit Clerkship Program Excused Absence Request Form and copy of conference agenda to the Assistant Dean for Clerkship Education to attend one (1) professional meeting on a 4-week rotation. Students cannot miss rotation days for a conference during a 2-week elective rotation.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Prolonged Illness, Bereavement, Maternity Leave</td>
<td>Medical related absence or bereavement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Students-contact the Assistant Dean for Clerkship Education to discuss time off rotations</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

**Clerkship Program Excused Absence Request Forms** - Once appropriate approval signatures are obtained; forms should be maintained for your records in the event they are requested or required at a later date.
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 student’s demonstrated ability
- The student's 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 is 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.

STUDENT 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.

MSU Email
To facilitate communication from faculty and staff to students, students are required to have a functioning MSU email address. Students are responsible for checking their MSU email accounts daily and maintaining their MSU mailboxes so that messages can be received.

Forwarding MSU email to another email account or failure to check email are not valid excuses for missing a deadline or other requirements of the clinical education program.

Further, students must use secure email when working in a hospital, clinic, or other health care setting if discussion of patient information is involved. MSUNet (msu.edu) email is secure; many web-based email systems including Hotmail, Gmail and Yahoo are not.
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 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 by the department according to the student's didactic and clinical performance.

ET/Extended Grade – means that a final grade ('Pass' or 'No Grade') cannot be determined due to one or more missing course requirements. The ET grade will be changed to a final grade once all the completed course requirements have been submitted to and processed by MSUCOM (either to the department or Clerkship Team). An ‘ET’ grade will NOT remain on a student’s transcript.

N/No Grade – means that no credit is granted, and that the student did not achieve a level of performance judged to be satisfactory by the department according to the student's didactic and clinical performance.

N Grade Policy
Students who fail this rotation will have to repeat the entire rotation and fulfill all (clinical and academic) requirements.

STUDENT EXPOSURE PROCEDURE
A form has been developed by the University Physician to report incidents of exposure, e.g. needle sticks, mucous membrane exposure, tuberculosis exposure, etc., and may be found on the Clerkship Medical Education page of the MSUCOM website here (https://com.msu.edu/current-students/clerkship-medical-education).

Contact Assistant Dean for Clerkship Education, Dr. Susan Enright, if exposure incident occurs: enright4@msu.edu.

STUDENT VISA
Michigan State University is committed to providing equal opportunity for participation in all programs, services, and activities. Requests for accommodations by persons
with disabilities may be made by contacting the Resource Center for Persons with Disabilities (RCPD) at 517-884-RCPD, or on the web at www.rcpd.msu.edu Once a student’s eligibility for (clinical and/or testing) accommodation has been determined, the student may be issued a Verified Individualized Services and Accommodations (VISA) form. Students must present this VISA form to the Clerkship Team (COM.Clerkship@msu.edu), A-332 East Fee Hall, at the start of the semester in which they intend to use their accommodations (for tests, projects, labs, etc.). Accommodation requests received after this date will be honored whenever possible.

If updates or modifications to an existing VISA form are made after the semester begins, it is the responsibility of the student to submit an updated version to the Clerkship Team if he or she intends to use the new accommodation going forward.
## STUDENT EXPERIENCE LOG

**Student Name:** _______________________________  **Student ID #:** ______________________

### Patient Types and Procedure Log:

<table>
<thead>
<tr>
<th>Procedure</th>
<th>#Required</th>
<th>Date</th>
<th>Supervisor Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaluate 2 patients with Musculoskeletal trauma</td>
<td>1.</td>
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<td></td>
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<tr>
<td></td>
<td>2.</td>
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<tr>
<td>Evaluate 2 patients with Fluid/electrolyte disturbances</td>
<td>1.</td>
<td></td>
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<td></td>
<td>2.</td>
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<tr>
<td>Perform five toddler (ages 2-4) evaluations for any complaint</td>
<td>1.</td>
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<td>2.</td>
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<td>4.</td>
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<td></td>
<td>5.</td>
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<tr>
<td>Participate in two splint applications</td>
<td>1.</td>
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<td></td>
<td>2.</td>
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<tr>
<td>Evaluate five patients with a fever</td>
<td>1.</td>
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<tr>
<td>Participate in two laceration repairs</td>
<td>1.</td>
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<td>2.</td>
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<tr>
<td>Evaluate two patients with a head injury</td>
<td>1.</td>
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<td>2.</td>
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<tr>
<td>Evaluate 1 patient with a toxic exposure</td>
<td>1.</td>
<td></td>
<td></td>
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<tr>
<td>Attend/participate in one ED pediatric sedation</td>
<td>1.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Procedure</td>
<td>#Required</td>
<td></td>
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<td>-----------------------------------------------</td>
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<tr>
<td>Interpret 10 pediatric imaging studies</td>
<td>1.</td>
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<td>2.</td>
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</tbody>
</table>

**Date**

**Supervisor Initials**
## SUMMARY OF GRADING REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Submission Method</th>
<th>Honor</th>
<th>Pass</th>
<th>Extended Grade</th>
<th>No Pass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patient Types and Procedure Log</td>
<td>See page at the end of syllabus and upload into D2L Drop Box for the course</td>
<td>N/A</td>
<td>Completed and submitted by 11:59 pm Last Sunday of Rotation</td>
<td></td>
<td>The student will receive an <strong>N grade</strong> for the course if all assignments are <strong>not completed</strong> successfully by the last day of rotation at 11:59pm</td>
</tr>
<tr>
<td>Clinical Shift Schedule</td>
<td>Online D2L Drop Box</td>
<td>N/A</td>
<td>Not to be submitted until the last Friday-Sunday of the rotation, and must be the schedule you worked, not what you were scheduled to work.</td>
<td></td>
<td>The student will receive an <strong>N grade</strong> for the course if all assignments are <strong>not completed</strong> successfully by the last day of rotation at 11:59pm</td>
</tr>
<tr>
<td>Create an Access Emergency Medicine Pretest with a score of 75% or higher 30 questions from Pediatrics section and 20 questions from the toxicology questions <a href="https://accessemergencymedicine.mhmedical.com/book.aspx?bookid=2464">https://accessemergencymedicine.mhmedical.com/book.aspx?bookid=2464</a></td>
<td>Submitted first page with name and score submitted electronically in D2L</td>
<td>N/A</td>
<td>Must achieve a 75% to pass on this 50 item quiz. May take as many 50 item quizzes as needed to achieve this score. Upload the first page score sheet of the results. Completed and submitted by 11:59 pm Last Sunday of the Rotation</td>
<td></td>
<td>The student will receive an <strong>N grade</strong> for the course if all assignments are <strong>not completed</strong> successfully by the last day of rotation at 11:59pm</td>
</tr>
<tr>
<td>Requirement</td>
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</tr>
<tr>
<td>Access Emergency Medicine Case 32 Fever without a source in a 1-3 month old</td>
<td>Submitted first page with name and score submitted electronically in D2L</td>
<td>N/A</td>
<td><strong>Must achieve a 75% to pass</strong></td>
<td>N/A</td>
<td>The student will receive an <strong>N grade for the course</strong> if all assignments are <strong>not completed</strong> successfully by the last day of rotation at 11:59pm</td>
</tr>
<tr>
<td>Access Medicine Cases #34 Febrile Seizure</td>
<td>Submitted first page with name and score submitted electronically in D2L</td>
<td>N/A</td>
<td><strong>Must achieve a 100% to pass</strong></td>
<td>N/A</td>
<td>The student will receive an <strong>N grade for the course</strong> if all assignments are <strong>not completed</strong> successfully by the last day of rotation at 11:59pm</td>
</tr>
<tr>
<td>Attending Evaluation of Clerkship Student</td>
<td>Can be accessed via the “Attending Evaluation” link in Kobiljak online schedule. Email completed evaluation to <a href="mailto:COM.Clerkship@msu.edu">COM.Clerkship@msu.edu</a></td>
<td>N/A</td>
<td>Completed and submitted by Last Day of Rotation</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Student Evaluation of Clerkship Rotation</td>
<td>Can be accessed and submitted via the “Student Evaluation” link in Kobiljak online schedule.</td>
<td>N/A</td>
<td>Last Day of Rotation</td>
<td>N/A</td>
<td>The student will receive an <strong>N grade for the course</strong> if all assignments are <strong>not completed</strong> successfully by the last day of rotation at 11:59pm</td>
</tr>
</tbody>
</table>