CLERKSHIP DESCRIPTION:

The Emergency Medicine Advanced-Core Clerkship introduces students to the fundamental principles of acute care medicine.

EMMD 7504 is a 4-week Advanced-Core Clerkship required of all University of Minnesota Medical School Students. Students will do a minimum of 12 clinical shifts with didactic and skills procedure labs during that time.

It is the expectation that medical students provide supervised “first contact” for patients presenting to the Emergency Department with acute complaints, illness, or injury. Students will participate and function as active members of the Emergency Department healthcare team. As such, students will be responsible for:

- Obtaining accurate history and exam data;
- Formulating workup and treatment plans;
- Assisting with basic and advanced procedural care;
- Providing preceptors with focused presentations;
- Communicating in a culturally competent, effective and respectful manner with patients, families, and allied members of the health care team, consulting services required in the provision of optimal patient care;

Throughout the clerkship, students will be required to document a minimum of 12 EPAs, including one each of EPA 1, 2, 8, 11, 12 and 13 and five of EPA 10.

Student demeanor with patients, families, department staff, and physicians will have a substantial impact on the student’s assessment. Professional and respectful communication and conduct are an essential component of a successful future physician. Demonstration of questionable or unprofessional behavior will be grounds for remediation and/or dismissal from the Clerkship.
Clinical Sites: *East Metro*: Regions, St John’s, United, Lakeview, Southdale, Woodwinds, Ridges, Westfields;  
*West Metro*: HCMC, Abbott NW, North Memorial, Methodist, Fairview/UMMC  
*Duluth*: St. Mary’s & St. Luke’s

**CLERKSHIP LEARNING OBJECTIVES:**  
Learning in this clerkship should be directed toward the following outcomes. Upon successful completion of this course, the learner will be able to:

<table>
<thead>
<tr>
<th>Clerkship Learning Objective</th>
<th>Assessment</th>
<th>Graduation Competencies</th>
<th>Graduation Competencies Subdomain</th>
<th>Entrustable Professional Activities (EPAs)</th>
</tr>
</thead>
</table>
| 1. Perform clinical evaluation and treat ED patients under supervision of EM faculty or senior residents. | Global Rating Scale (AM002)  
Oral Patient Presentation (AM011) | Patient care  
Interpersonal and Communication Skills  
Interprofessional collaboration | PC1, PC3, PC4, PC6  
ICS1, ICS3  
IPC1, IPC2 | 1, 2, 7, 9, 10, 12 |
| 2. Develop understanding of core emergency medicine topics by attending ED lectures, conferences, and readings. | Oral Patient Presentation (AM011)  
Multi-Source Assessment (AM009) | Practice-based learning and improvement  
Professionalism  
Interprofessional collaboration | PBLI1, PBLI4  
P4  
IPC2 | 6, 7 |
| 3. Perform EM procedures under the supervision of ED faculty or senior residents. Including but not limited to: splinting, venipuncture, and suturing uncomplicated wounds. | Global Rating Scale (AM002)  
Narrative Assessment (AM010) | Patient care  
Knowledge for practice  
Practice-based learning and improvement  
Interprofessional collaboration | PC3, PC4, PC6  
KP1, KP3  
PBLI1, PBLI5  
IPC1, IPC2 | 5, 11, 12 |
| 4. Demonstrate effective team leadership and team membership in simulated patient encounters and debriefing of each encounter. | Peer Assessment (AM013)  
Narrative Assessment (AM010)  
Formal Debriefing | Practice-based learning and improvement  
Interpersonal and communication skills  
Interprofessional collaboration  
Professionalism | PBLI1, PBLI3, PBLI4  
ICS2, ICS3  
IPC1, IPC2  
P5 | 6, 8, 9 |
| 5. Practice airway ventilation and vascular access in fresh cadaver lab including but not limited to: basic airway, advanced airway, positive pressure ventilation, cricothyrotomy, needle decompression, chest | Practical Laboratory Exam (AM019)  
Peer Assessment (AM013)  
Global Rating Scale (AM002) | Patient care  
Knowledge for practice  
Practice-based learning and improvement | PC3, PC4, PC6  
KP1, KP2, KP3  
PBLI1, PBLI2, PBLI5 | 7, 9, 12 |
tube and suturing, and intraosseous infusion.

6. Recognize and incorporate ethical, social, and diverse perspectives to ensure culturally competent emergency medical care.

| Global Rating Scale (AM002) | Patient care Knowledge for practice | Interpersonal and communication skills regarding cultural awareness | PC1, PC3, KP3, ICS3, P1, P4 | 9, 11, 13 |

Reference table:

<table>
<thead>
<tr>
<th>Institutional Goals &amp; Objectives</th>
<th>Entrustable Professional Activities</th>
<th>Methods of Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>UMN Competencies Required for Graduation</td>
<td>Refer to EPAs</td>
<td>Refer to AAMC Categories</td>
</tr>
</tbody>
</table>

PATIENT ENCOUNTER TRACKING:

At this time the Department of Emergency Medicine does not require students to report their patient encounters. However, we encourage students to include the PET in their mid-clerkship meeting.

REQUIRED PARTICIPATION:

The goal is to advance individual learning and performance of Clerkship Learning Objectives in this clinical rotation.

**Participation Grid:**

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Contents</th>
<th>Grading Scale</th>
<th>Proportion of Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orientation participation</td>
<td>1st Monday of every rotation (8:30a –12:30p)</td>
<td>Pass/No Pass</td>
<td>N/A</td>
</tr>
<tr>
<td>Completion of 12 EPAs</td>
<td>Required EPAs for Emergency Medicine are one each of EPAs 1, 2, 8, 11, 12, 13 and five of EPA 10. Demonstrate progress toward clinical competency.</td>
<td>Pass/No Pass</td>
<td>N/A</td>
</tr>
<tr>
<td>Mid-Clerkship Review</td>
<td>Meeting with Site Director or their designee to review clinical progress (PET and EPAs)</td>
<td>Pass/No Pass</td>
<td>N/A</td>
</tr>
<tr>
<td>Attendance at Weekly (Thursday) Stab/Resuscitation Conference Attendance</td>
<td>In-person at Regions (East Metro) or HCMC (West Metro; Duluth)</td>
<td>Pass/No Pass</td>
<td>N/A</td>
</tr>
<tr>
<td>Attendance at Weekly Student Lectures/Workshop</td>
<td>Combination of in-person and distance-delivered on the following: patient assessment, trauma, ortho, slit lamp</td>
<td>Pass/No Pass</td>
<td>N/A</td>
</tr>
<tr>
<td>Simulation participation</td>
<td>At M Simulation (U of M Campus; West metro) or Regions Hospital (East metro)</td>
<td>Pass/No Pass</td>
<td>N/A</td>
</tr>
<tr>
<td>Bequest Procedure Lab</td>
<td>All students attend lab in Jackson Hall, 5th</td>
<td>Pass/No Pass</td>
<td>N/A</td>
</tr>
<tr>
<td>participation</td>
<td>Floor</td>
<td>Pass/No Pass</td>
<td>N/A</td>
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<tr>
<td>ALLINA EMS Ride-Along</td>
<td>Complete 1 ambulance shift, arranged</td>
<td>Pass/No Pass</td>
<td>N/A</td>
</tr>
<tr>
<td>Clerkship Debrief participation</td>
<td>Via Zoom the last Friday of the rotation</td>
<td>Pass/No Pass</td>
<td>N/A</td>
</tr>
<tr>
<td>SAEM Cognitive Exam</td>
<td>50-question exam via SAEM Testing; 70% or greater is passing</td>
<td>Pass/No Pass</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Clinical Performance Distinctions:**

Grading for EMMD 7504 is based completely on PASS/NO PASS criteria. All students are required to document the Entrustable Performance Activities (EPA) outlined by the AAMC. A minimum of 12 EPAs should be completed throughout the 4-week clerkship with one each of EPA 1, 2, 8, 11, 12 and 13 and five of EPA 10 required for Emergency Medicine.

Students are required to work a minimum of 12 clinical shifts. The EMS ride-along with Allina EMS will count for one shift.

A 50 question Pass/Fail final exam (EM M3 National Exam) is required and scheduled at the end of the 4-week Clerkship. The exam pass percentage is set at 70% or greater. A successful pass is required to complete the course but will not be averaged into the final grade. Students are provided two attempts to achieve a passing score on the examination.

Students will receive formative and summative feedback during every clinical shift from their assigned preceptors and other caregivers.

**Assessment Resource:** [EPA Student Handbook](#)

**CLERKSHIP OUTLINE AND CONTENT:**

*Individual clinical shifts are assigned by the hospital site. 12 shifts minimum. EMS Ride-Along does count for 1 of the shifts. This is a sample schedule only; dates for Simulation and Bequest Lab are subject to change per rotation.*

<table>
<thead>
<tr>
<th>Week</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
</table>
| 1    | U of MN Orientation 0800 - 1230  
West Metro Workshops @ HCMC 1300 - 1500 | East Metro Simulation 0800 - 1200  
Stab/Resuscitation Conferences 0730  
Bequest Lab 0800 - 1200 or 1300 - 1700 |  |  |  |  |  |
| 2    | West Metro Workshops @ HCMC 1300 - 1500 | East Metro Workshops @ Regions 1330 - 1530  
Stab/Resuscitation Conferences 0730  
West Metro Simulation 0900 - 1300 |  |  |  |  |  |
| 3    | West Metro Workshops @ HCMC 1300 - 1500 | East Metro Workshops @ Regions 1330 - 1530  
Stab/Resuscitation Conferences 0730 |  |  |  |  |  |
| 4    | West Metro Workshops @ | East Metro Workshops  
Stab/Resuscitation  
Clerkship Debrief |  | Considered your second weekend off |  |  |  |
Assignment List & Description
Attendance and participation are mandatory.

1. Clerkship Orientation - 8:30a – 12:30p on 1st Monday of every rotation
2. Patient History & Physical Exam - Students will work a minimum of 12 clinical shifts under the supervision of senior EM residents or attending. During the clinical shifts, students should identify specific EPAs to highlight, discuss and document with their preceptor or another resident or attending they are working under. At the end of each clinical shift, students will document procedures in PET.
3. Bequest Lab - A fresh cadaver procedure lab experience under the supervision of senior residents or Critical Care Paramedics will include basic and advanced airway procedures, needle decompression and chest tube placement, and intraosseous infusion.
4. Thursday Emergency Medicine Resident Conference - Students will attend or virtually view weekly Resident Education conferences at their assigned central hub location. Both Regions and HCMC hold their conferences on Thursdays. Students are only required to attend from 7:30a - 10:00a.
5. Simulation - 4 High-fidelity simulations in a 4-hour session.
6. Didactic sessions - Weekly workshops/lectures are held at HCMC for west metro sites on Monday afternoons or at Regions for east metro sites on Wednesday afternoons.
7. Allina EMS ride-along - 10-13-hour shift as the additional person in a pre-hospital team.
8. Clerkship Debrief - 9a on the last Friday of the rotation.

Site Specific Information: Available in the Canvas page for EMMD 7504.

Clerkship Resources: See Canvas course “Resources” for most up to date list.

COURSE GUIDELINES AND POLICIES:

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<tr>
<th>Attendance</th>
<th>Attendance Requirements for Courses, Clerkships and Exams</th>
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<tbody>
<tr>
<td>Remediation</td>
<td>Students who fail the final cognitive exam twice can take the exam again, multiple times. Students will be directed to review the SAEM testing subjects sheet outline the test weighting to assist with study.</td>
</tr>
<tr>
<td></td>
<td>Students who pass the final cognitive exam but do not meet a passing level on the clinical portion of the course will be required to repeat those parts of the clerkship not successfully completed. If the issue is professionalism, the student will meet with Dr. Keith Henry to review the unprofessional behavior complaints. Together, they will work out a remediation plan that needs to be completed within the next two rotations.</td>
</tr>
<tr>
<td></td>
<td>Students who fail the final cognitive exam twice and do not pass the clinical portion of the course can take the SAEM cognitive examination again. The student will be directed to study the SAEM materials before being tested again. The SAEM test can be taken any number of times. This is our only summative exam.</td>
</tr>
<tr>
<td></td>
<td>If a student is required to remediate the course in its entirety (receives a No Pass grade for any reason), then the student must petition to the Twin Cities Scholastic Standing Committee (TCSSC) for permission to repeat the course. If granted, details for remediation will be worked out on a case-by-case basis but will usually require remediation of the course in its entirety at a different clinical site.</td>
</tr>
<tr>
<td></td>
<td>If a student remediating the course has successfully passed the required exam on the first attempt at the course, the student will not repeat that, and the original scores will be used in the student’s remediation grade.</td>
</tr>
</tbody>
</table>
**Incomplete Work:** If a student will not complete the clerkship for any reason by the end of the scheduled block for the clerkship, the student must complete an “Agreement for Completion of Incomplete Work” (with all required signatures) to the Clerkship Coordinator by 12 p.m. on the final day of the clerkship. The most up-to-date version of this form may be found on the Medical Student Policies site, under “Forms.”

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<thead>
<tr>
<th>Mistreatment</th>
<th><a href="#">Mistreatment and Harassment Policy and Reporting Information</a></th>
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<tr>
<td>Professionalism</td>
<td><a href="#">Student Conduct Code</a></td>
</tr>
<tr>
<td>Intellectual Responsibility</td>
<td>Procedures for Reporting Ethics Violations to the Peer Review Committee can be found <a href="#">here</a>, in the event that a student, faculty, or staff member witnesses a violation of the Statement of Intellectual Responsibility.</td>
</tr>
<tr>
<td>Disability Resources</td>
<td>Accommodation information can be found on the <a href="#">Disability Resource Center website</a> or email <a href="mailto:drc@umn.edu">drc@umn.edu</a>. If you have, or think you have, a disability in any area such as, mental health, attention, learning, chronic health, sensory, or physical, please contact the DRC office (UM Twin Cities - 612.626.1333) to arrange a confidential discussion regarding equitable access and reasonable accommodations.</td>
</tr>
<tr>
<td>All Medical Education Policies</td>
<td><a href="#">Twin Cities Medical Education Policies</a></td>
</tr>
<tr>
<td><em>Syllabus Change</em></td>
<td>Except for changes that substantially affect implementation of the evaluation (grading) statement, this syllabus is a guide for the course and is subject to change with advance notice.</td>
</tr>
</tbody>
</table>