Welcome to your elective rotation in Emergency Medicine! The Department of Emergency Medicine hopes that you have a very educational and exciting experience over the following weeks. During this time, you will have the opportunity to care for acutely ill patients in the Emergency Department under the close direction of one of the Emergency Medicine Faculty. To obtain more information about the Emergency Department itself, you may go on-line at www.emed.wisc.edu. In addition to some background information, there are profiles of the Faculty. Whether you are planning a career in Emergency Medicine, satisfying a curiosity about the specialty, or desiring to learn more about the care of acutely ill patients we hope you have a fun and valuable experience.

4th Year Medical Student Responsibilities:

You will expand your knowledgebase to include familiarity with emergent chief complaints, specific diagnoses, and EM procedures. We have a new curriculum on itunes U which includes various types of learning: podcasts, video lectures, review articles and procedure videos. This will prepare you for the simulation curriculum as well as the common complaints encountered in the ED. Please see attached guide for how to download the itunes U app.

Coursework prior to rotation/Week 1:

a. **BASIC PRINCIPLES OF EMERGENCY MEDICINE**
   i. Required:
      1. Lecture: The Fundamental Principles of Emergency Medicine
      2. Podcast: How to Effectively Present a Patient in the ED
      3. Lecture: Approach to Communicating with Consultants in the ED
   ii. Supplemental
      1. Procedure video: Basic Laceration Repair
      2. Video: Pain Management in the ED

b. **PEDIATRICS:**
   i. Required
      1. Video Lecture: Approach to the pediatric physical diagnosis
      2. PALS Article: Systematic Approach to the Seriously Ill or Injured Child.
      3. Article: EB Medicine: Difficulty Breathing in Infants and Young Children
   ii. Supplemental
      1. Podcast: EM basic: The Febrile Infant in the ED
c. SHOCK
   i. Required
      1. Article: Overview of Shock
      2. Podcast: Sepsis
   
   ii. Supplemental
      1. Podcast: Shock
      2. PALS article: Recognition of shock
      3. PALS article: Management of shock

Week 2:

a. TRAUMA
   i. Required
      1. Lecture: Approach to the Trauma Patient
      2. Procedure video: FAST exam

b. ABDOMINAL PAIN
   i. Required
      1. Video Lecture: Approach to Abdominal pain
      2. Podcast: Unique approach to Female Abdominal Pain
   ii. Supplemental
      1. Article: EB Medicine: Assessing abdominal pain in adults

c. HEADACHE
   i. Required
      1. Lecture: Approach to the Patient with Headache
   ii. Supplemental
      1. NEJM Procedure video: Lumbar puncture
      2. Article: Approach to Headache

Week 3:

a. CHEST PAIN
   i. Required
      1. Podcast: Initial Evaluation and Management of Chest Pain in the ED
      2. CDEM article: Approach to Cardiac Arrest:
      3. Podcast: ACS Predictors

b. SYNCOPE
   i. Required
      1. Podcast: Evaluation and Management of Syncope in the ED
   ii. Supplemental:
      1. Video lecture: Deadly Drops: Syncope that Kills
      2. Article: Syncope
c. GI BLEED:
   i. Required
      1. Video Lecture: Massive GI Bleed
      2. Chapter: GI Bleed

Week 4:

a. ALTERED MENTAL STATUS
   i. Required
      1. Lecture: Approach to the Patient with Altered Mental Status
      2. Podcast: Initial Evaluation and Management of Altered Mental Status in the ED
      3. Podcast: Seizures
      4. CDEM Article: Approach to Poisonings
   ii. Supplemental:
      1. Lecture: AMS in the Elderly

b. DYSPNEA
   i. Required
      1. Lecture: Approach to the Patient with Dyspnea
      2. Podcast: Initial Evaluation and Management of Dyspnea in the ED
      3. Procedure video: Intubation
   ii. Supplemental:
      1. Podcast: Approach to the Emergent airway

1. Throughout the course of the month you will be expected to attend the Residency Emergency Medicine Conference on Thursdays.
2. Weekly simulation workshops will allow you to solidify your knowledgebase and practice your skills in caring for critically-ill patients. Brief pre-tests will be given to encourage preparatory reading which will maximize the benefit gained from this learning opportunity.
3. You will maintain a patient and procedure log over the course of the month. You should document 5 supervised FAST exams and all of your procedures. In addition, please perform follow-up on at least 3 patients. Lastly, there are 10 key chief complaints at the top of the procedure log with check boxes. Try to see at least one patient with each chief complaint over the course of your rotation if possible (simulation patients count for this as well).
4. At the end of your rotation, we will have case presentations. Please prepare a 10 minute PowerPoint presentation of an interesting case that came up during your rotation (does not have to be a patient you saw primarily). The first half of the presentation should describe the patient’s course; the second half should teach the group about a diagnosis, with emphasis on an evidence-based approach if applicable.
5. A significant portion of your grade is based upon your end of shift evaluation cards. This is also a good time to ask for feedback.
6. You will be responsible for completing the SAEM shelf exam at the end of the rotation. This will be the time to hand in your patient log as well.
Your grade will be based on your shift evaluation cards (70%), conference and lecture attendance (5%), patient log (5%), case presentations (10%) and pre-test/SAEM exam scores (10%). **Grading will be as follows:**

- **A 92%-100%**
- **AB 83%-91%**
- **B 75%-82%**

### Additional Resources:

- Procedure Book: Roberts and Hedges: [www.mdconsult.com](http://www.mdconsult.com); books; emergency medicine; Roberts
- Ultrasound Tutorial: [www.sonoguide.com/introduction.html](http://www.sonoguide.com/introduction.html)

### 3rd Year Medical Students:

1. Throughout the course of the month you will be expected to attend the [Emergency Medicine Conference on Thursdays](http://www.cdemcurriculum.org/index.php/welcome/downloads).
2. You will maintain a patient and procedure log over the course of the month. You should document all procedures and follow-up as well.
3. A significant portion of your grade is based upon your end of shift evaluation cards. Ask the attending you worked with to fill out the card and place it in the box on the South Side. This is also a good time to ask for feedback.

Your final grade will be based on shift evaluation cards (90%) and conference attendance (10%). **Grading will be as follows:**

- **A 92%-100%**
- **AB 83%-91%**
- **B 75%-82%**

### Additional Resources:

- Procedure Book: Roberts and Hedges: [www.mdconsult.com](http://www.mdconsult.com); books; emergency medicine; Roberts
- Ultrasound Tutorial: [www.sonoguide.com/introduction.html](http://www.sonoguide.com/introduction.html)

If you have any questions about the reading material or didactic component of the rotation, contact Dr. Jamie Hess.

Thank you for rotating with us. We hope you have a great experience.

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