**Emergency Medicine: EMED-9502 - Emergency Medicine**

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<th>Prerequisites:</th>
<th>Surgery Clerkship</th>
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<td>Restriction days:</td>
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<td>Keywords:</td>
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<td>Course Objectives:</td>
<td>The goals of this course are:</td>
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1. To equip every graduating MD with the knowledge and skills to adequately diagnose and treat all life-threatening emergencies and most common emergent problems they will encounter.
2. To provide the opportunity to learn methods of initial evaluation of multiple forms of acute medical problems, permitting the study of patients as they present without prior medical knowledge, by active participation in treatment of acute problems under the supervision of ED attendings.
3. To develop technical skills necessary for management of acute illnesses under staff supervision.
4. To expose the student to the interfaces between medicine, surgery, and other specialties.
5. To develop a fund of knowledge of basic physiology and disease processes relative to the patients seen during the rotation, and to be able to discuss the management of the illnesses that they have evaluated during their rotation.
6. To expose the student to the decision-making process relating to hospital admission.
7. The student should be able to:
   A. Demonstrate and discuss the principles of cardio-pulmonary resuscitation and other cardiac emergencies.
   B. Demonstrate and discuss the management of multiple trauma victims, including priorities of management, airway management, and treatment of shock.
   C. Be prepared to handle those emergencies that require emergent action as a. Tension Pneumothorax - needle thoracostomy b. Airway management - adults and infants c. Hemopericardium d. Life-threatening cardiac arrhythmias
   D. Gain skills in procedures such as a. Suturing wounds b. Draining abscesses c. Splinting
d. Starting IVs e. Joint reductions

**Course Objectives**

1. Students will work about 15-8.5 hour shifts during the month. The first day will include orientation including reviewing a computer-based tutorial on how to use the electronic documentation tool and tracking system.
2. Students may see patients first. Each student coordinates closely with the ED attendings. After initial evaluation at the attending's discretion, further evaluation and treatment may be carried out by the student, but there must be actual patient contact by the supervising physician. The attending should be kept aware of the nature and severity of problems being seen by the student. Prior to patient discharge, the attending will review the diagnosis and instructions.
## Course Objectives cont.

3. The patient load fluctuates widely in the Emergency Department. In addition, urgency of treatment varies widely. There are critical emergencies and non-urgent emergencies. A change of pace may often be required. There will be times when teaching and supervision can be orderly and systematic, and times when the student may act mainly as an observer and junior member of the team. Efficient, excellent patient care must take first priority. This should rarely, if ever, conflict with an excellent learning experience.

4. Teaching Conferences are scheduled at on weekdays Monday through Friday and are required.

5. All students are required to complete all of the COMET Emergency Medicine modules, both reading and questions, in order to pass the course. This is true regardless of the location the student chooses for her/his emergency medicine rotation (The University of Vermont Medical Center or remote site).

## Summative Student Assessment

1. Audit of the care rendered by the student is conducted by review of the patient's charts and by observation of the student during the rotation by the attending staff.

2. At the end of the rotation there will be a SHELF exam. Successful completion of the exam will be required of all UVM students regardless of where they do their rotation.

3. Students must demonstrate cardiac resuscitation skills including CPR, rhythm recognition, and knowledge of cardiac drugs.

4. Students desiring an evaluation-exit interview should schedule a time to meet with one of the attendings.

5. A review of timely completion of COMET modules for teaching conference preparation will be done.

## First Day Information

You may only drop the rotation if you find another student to take your spot for that month.

## Course Director

Mario Trabulsy, MD, mario.trabulsy@vtmednet.org

## Course Administrator/Coordinator

Andrea Guild, Andrea.Guild@uvmhealth.org, (802) 847-3982