Emergency Clinical Problem Solver (ECPS)
EM-4004 4 weeks
Updated January 2019

ECPS is a required four-week course during the advanced studies year. The course is designed to teach a general approach to emergency, critical care and urgent decision making that all physicians will be called upon to provide in the office, hospital, and community settings.

Students complete a combination of acute care clinical experiences (eight 8-hour emergency department shifts and an EMS ride along), didactics, and simulation of clinical encounters and procedures. Students will be required to take leadership roles in case discussions and during simulation scenarios. Educational methods will include: case-based learning, an asynchronous on-line curriculum, student presentations, high and low fidelity simulation with debriefing.

After the ECPS course, the MS4 will be able to:
- ***Identify an emergency*** (across different clinical settings) and learn a systematic approach to diagnosis, treatment, and disposition (Physician as Clinical Problem Solver)
- ***Evaluate high risk undifferentiated patient*s** and generate a differential diagnosis using advanced clinical reasoning techniques (Physician as Clinical Problem Solver)
- ***Perform patient management*** to include (a) rapid assessment of acuity and stability, initial treatment, stabilization, diagnostics, and disposition; (b) procedural skills necessary to stabilize acutely unstable patients; and (c) leadership, teamwork, and effective communication (Physician as Clinical Problem Solver, Communicator, and Professional)

Student competency is assessed by formative assessment (preceptor and clinical site director feedback, faculty and peer-to-peer feedback during simulation debriefing, small group participation) and summative assessment (global summary of clinical experience, participation during cumulative simulation scenarios each week, quizzes).

Course Director
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