



Beth Israel Deaconess
Medical Center



DEPARTMENT OF ANESTHESIA

Center for Medical Simulation CA-3 Month Rotation Elective

Introduction:

The Center for Medical Simulation (MS) is a training facility operated by the four Harvard Anesthesia Departments that is geared toward enhancing clinical decision-making and team building. Residents may spend a month rotation at CMS where they participate in planning programs, learning and teaching about critical events in the context of realistic simulation.

The Center offers a variety of training programs for Anesthesia as well as Emergency Medicine, Radiology Code Teams, Medical Students and other personnel who must face dynamic clinical situations. Participants are asked to manage patients during basic care through critical events in a realistic simulated environment. Video cameras are used to capture the event and become an integral part of the training methodology. An experienced faculty member debriefs the scenarios. These facilitated sessions cover medical issues as well as communication, teamwork, decision-making and leadership. The feedback is provided in a supportive and positive manner with the intention of motivating improved performance. The curriculum used to develop the scenarios is based on real hospital events.

Elective Goals:

- Demonstrate an understanding of the principles of crisis resource management by assisting the CMS faculty in facilitating courses offered during the elective month.
- Share with fellow residents in the gained knowledge of managing potentially catastrophic events
- Learn group dynamics and effective communications skills.

Activities:

- Participate in all roles during Crisis Resource Management (CRM) courses
- Participate in developing, preparing, refining and validating scenarios to be used in CRM courses.
- Read the literature regarding critical event management, teamwork, organizational behavior and errors in medicine.
- Participate in on-going projects as directed.

Deliverables:

- Develop and coordinate one new scenario to be used during a CRM course.
- Add to the pre-existing computerized patient database by creating realistic lab results and patient histories for various disease states.
- Write a one page reflective summary of the experience gained through the rotation.

Tentative September 2000 Schedule

Sept. 1	No course scheduled; review of elective goals and deliverables
Sept. 2/3/4	Labor Day weekend; CMS closed
Sept. 4/5/6/7	Emergency Medicine course in crisis management (BIDMC EMD)
Sept. 8	Radiology Crisis Management with ACLS certification (BWH Radiology residents)
Sept. 9/10	Weekend; no courses scheduled
Sept. 11	Harvard Medical School 3rd year clerkship students course (HMS)
Sept. 12	Anesthesia Crisis Management course (ACRM)
Sept 13	CA-1 full day simulations (MGH CA-1)
Sept. 14	HMS Clerkship
Sept. 15	No course scheduled; project work
Sept. 16/17	Weekend; no courses scheduled
Sept 18	No courses; project work
Sept 19	ACRM
Sept 20/21/22	No Courses; project work
Sept 23/24	Weekend; no courses scheduled
Sept 25	Harvard Medical International – International Students Tour/simulation
Sept 26	ARCM
Sept 27/28/29	No courses scheduled

We may schedule courses on “free days”, but so far nothing on weekends. Please let us know of any call or planned vacations, etc. Plan on attending the Wednesday am conference as usual.