Michigan's Region 8 Healthcare
Emergency Preparedness Network

Overview: Several regional Healthcare Emergency Preparedness networks and the State of Michigan together are hosting a half-day Basic Disaster Life Support (BDLS) and two-day Advanced Disaster Life Support (ADLS) courses in Marquette, Michigan. The courses were designed by the American Medical Association (AMA), in conjunction with other major national and federal stakeholders in disaster response training, as part of the overall National Disaster Life Support program. The subject training that is being offered in part by the US Department of Health and Human Services funding, including books, materials, travel, lodging, meals, and other associated costs. Northern Michigan University (NMU) has been selected as the training site for these courses due to the outstanding training facilities and lodging resources that are available in the local area.

BDLS: BDLS is the didactic component of the National Disaster Life Support (NDLS) training. The BDLS curriculum is developed with an all-hazards approach to disaster response, and is targeted to multiple disciplines, including EMS, HAZMAT, Public Health, and other healthcare providers. *Note: If you are planning to register for the course, prior to actually attending the instructor-led portion of BDLS, all registrants must complete an online BDLS component.* The instructor-led portion will occur in the afternoon of Wednesday, October 29, 2008. The curriculum includes an overview of the D-I-S-A-S-T-E-R paradigm; natural and man-made disasters; traumatic and explosive events; nuclear and radiological weapon attacks; biological events; chemical events; the public health system and the psychosocial aspects of disasters. Certification in BDLS requires full course completion and achievement of a passing score on the competency exam. To maintain these credentials, renewal training is required every three years. Those completing BDLS didactic course can then participate in ADLS.

ADLS: ADLS is an advanced practicum of the principles introduced in BDLS, and is targeted to physicians, mid-level practitioners, nurses, paramedics, EMTs, and other healthcare practitioners with a potentially critical role in disaster response. ADLS includes lectures on MASS Triage; community and hospital disaster planning; media and communications during disasters; mass fatality management; and other critical areas of disaster response. In addition, small group interactive sessions will allow students to work through a series of difficult questions of disaster management in a tabletop exercise format.

Day 2 of ADLS, the "hands-on" day of training. Four skill stations will reinforce the previous day's learning. These stations include:

- **MASS Triage** – This challenging station allows students to practice the concepts of the D-I-S-A-S-T-E-R paradigm with an emphasis on patient triage. Simulated disaster victims must be triaged and treated correctly while attempting to manage a chaotic scene, requesting appropriate resources, and maintaining personal safety.
- **PPE and Decontamination** – This station teaches the important concepts about the use of personal protective equipment and decontamination technique. Students

are given the opportunity to wear PPE and participate in a simulated decontamination while attempting to render medical care.

- **Disaster Skills** – This station teaching important information about vital skills necessary for medical disaster management. Students are taught vital information about the Strategic Nation Stockpile (SNS) and proper Mark 1 kit use. Students are also allowed to practice smallpox immunization.
- **Patient Simulator** – Recognition of victims of a chemical and biological disaster is paramount. This station is designed to reinforce the detection and proper treatment of conditions that may occur during disasters that we do not normally treat. Treatment of chemical, biological, and traumatic patients is covered. The use of high-fidelity simulators allow the student to see, hear, and feel information that would not normally be provided by an instructor, allowing for a more realistic experience than normal manikins would allow.
- **Michigan Topics** – This course will include topics specific to Michigan's Healthcare Emergency Preparedness initiatives. These include: MEDDRUN, CHEMPAK, MI-HAN, MPSCS radio system, RRTN, the Community Health Emergency Coordination Center (CHECC), MEMS, NIMS, and MI TESA.

Continuing Education: NDLS courses have been approved for the following PRA Category 1 Continuing Medical Education Credit:

- BDLS 7.5 CME
- ADLS 13 CME

The AMA is accredited by the Accreditation Council for Continuing Medical Education to provide CME for physicians. The AMA designates this educational activity for a maximum of 7.5 category 1 credits toward AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.

The AMA has determined that physicians not licensed in the US who participate in this activity are eligible for AMA PRA category 1 credit.

EMS CE: The Michigan Department of Community Health, EMS and Trauma Systems Section has pre- approved these programs for the following credits for the MFR – Paramedic levels:

- **BDLS** (1 Lecture Trauma, 1 Lecture Medical, and 2 Lecture Operations)
- **ADLS** (1.5 Lecture and 1.5 Practical Preparatory, .5 Lecture and 4 Practical Patient Assessment, 2 Practical Medical, and 3.5 Lecture Operations)