



HOSPITAL ALL-HAZARDS RECOGNITION AND RESPONSE COURSE (HARRT)



November 18, 2003

Radisson Airport Hotel
1375 North Cassady Ave.
Columbus, OH 43219

December 2, 2003

Embassy Suites Hotel
4554 Lake Forest Drive
Blue Ash, OH 45242

December 9, 2003

Holiday Inn Select
15471 Royalton Road
Strongsville, OH 44136

HARRT stands for Hospital All-Hazards Recognition and Response Course. This course will start with a hospital all-hazards approach to disaster response and then will go into the specific didactics of the various methods terrorists can employ, beginning with biological, chemical, explosives and radiological/nuclear weaponry. Each section will discuss how the hospital's response compares and contrasts with standard disaster management.

This is an eight hour course whose predecessor received excellent reviews and provided proven educational results. The instructors are proven and recognized speakers who have received excellent reviews at prior venues. Handouts will be provided to all attendees, along with contact information to reach the instructors with further questions that may occur in the future. Instructors will review representational hospital disaster plans from the area in which the course is being conducted, with the idea of personalizing the class, improving interaction, and assuring that plans will remain confidential. Lastly, instructors will provide a list of resources and websites for further education.

This course will enable participants to:

- Define and explain the significance of the three disaster categories.
- Categorize a disaster.
- Discuss the Federal Response Plan and how it works.
- Compare and contrast the specific injury patterns related to specific disasters and the overall public health issues common to each disaster.
- Describe the three conditions or sequelae that are indirectly related to disasters
- Apply START Triage system to case scenarios.
- Discuss pre-hospital disaster management activities and describe how they impact the hospital disaster management activities.
- Anticipate and describe how typical disaster management is altered with a terrorist attack based on weapon deployed.
- Describe three principle features of the Incident Command System and how they promote effective communication and continuity.
- Summarize three basic concepts associated with the diagnosis and treatment of crush injuries.
- Summarize the concepts involving explosives (crush and blast injuries) and name three injuries that are common in explosions.
- Discuss the mechanism of injury for Blast Injuries.
- Summarize the rudimentary concepts of hospital disaster management.
- Name three challenges that impede a hospital's ability to prepare and effectively manage a WMD event.
- Review the PPE that their own facility is currently using and understand applications for use.
- Relate use of personal protective equipment to levels of protection needed.
- List two reasons the Hospital Emergency Incident Command System is being implemented in hospitals nationwide.
- Summarize basic concepts involving intentional radiological events, and list three protective actions that are employed when dealing with a nuclear or radiological event..
- Summarize basic concepts involving intentional chemical events and list three types of chemical agents.
- Summarize the basic concepts associated with biological terrorism and be able to name three actions that should be taken when suspicion exists that a patient has been exposed to a biological agent.
- Name three potential victims of bioterrorism.
- Discuss the importance of knowing the covert assault clues associated with the outbreak of a biological agent.
- Discuss the common symptoms that most biological agents share.
- Describe the importance of CISM (Critical Incident Stress Management).
- Respond appropriately to a specific disaster scenario using role play and critical discussion.

Instructors

Kelly Burkholder-Allen, RN, is the Deputy Director of the Public Health and Medical Community for the Center for Terrorism Preparedness for The University of Findlay. Kelly has a decade of experience teaching Disaster Management, Emergency and Terrorism Preparedness to health care providers, first responders, and the lay public. She is a Deputy Commander with the OH-1 DMAT of the Office of Emergency Response/National Disaster Medical System and recently commanded her team's deployment to Guam in the aftermath of Typhoon Pongsona. Kelly and Dr. Rega have collaborated on numerous projects, publications, and course curriculum development in related courses.

Dr. Paul Rega, a practicing emergency physician, has had extensive experience in disaster management and disaster medicine. Dr. Rega is board certified in both Emergency Medicine and Pediatric Emergency Medicine. He is the founder of the OH-1 Disaster Medical Assistance Team and led deployments to Hurricane Marilyn and Hurricane Andrew. Together with Kelly Burkholder-Allen, he was invited by the medical university in Tainan, Taiwan to assist with the development of one of their two national disaster medical assistance teams. In 1985, he founded the Toledo Area Disaster Medical Assistance Team under the nationally funded Disaster Medical Assistance System. In addition, Dr. Rega has published a well-received manual entitled, *Bio-Terry: A Stat Manual to Identify and Treat Diseases of Biological Terrorism*. This manual has now been translated and sold in Germany and Austria. Dr. Rega developed MASCAP, a dynamic prototype to facilitate education and response in the management of mass casualty incidents and developed MASCAP-SAT and MASCAP-HAT, two disaster identification card systems for the accreditation and identification of disaster responders at disaster sites in the field and in the hospital.

Churton A. Budd, RN, EMT-P is currently Contingent Staff Nurse at Medical College of Ohio, Emergency Services. Budd also serves on the Toledo Area Disaster Medical Assistance Teams (DMAT) as commander of ~200 MD, RN, EMT, RRT, RX and other volunteers in the Toledo Area DMAT, part of the National Disaster Medical System. This team provides disaster emergency care at the local, state and national level and has deployed to aid disaster victims of Hurricane Andrew '92 in Miami, Florida and Marilyn '95 in St. Thomas, US Virgin Islands. As commander, Budd oversees team activities and supervises the team during drills, training and disaster deployments to ensure team safety, obtain equipment and supplies, determine staffing and utilization of team resources and liaison between military and civilian support agencies

Registration

There is no registration fee for this program. **However, pre-registration is required.** There is no limit to the amount of attendees hospitals may send. Note: there is a limit to the number of seats available at each session so **Register Early** to avoid being closed out of the session of your choice.

Mail registration information to Ohio Hospital Association, 155 East Broad Street, 15th Floor, Columbus, OH 43215-3620. Fax registrations should be sent to 614-241-2933.

Registrations must be received at least 3 workdays prior to the date of session for which the registration is intended.

Cancellations & Substitutions

If you are registered and cannot attend, please call and let us know so that we might accommodate someone else who may want to attend a given session. Please notify OHA of cancellations three (3) days prior to the session affected.

Who Should Attend

Emergency Department Physicians and Nurses, Safety Officers, Security Personnel, Facilities Management Staff, Infection Control Practitioners, JCAHO Liaison, and other hospital staff members with responsibility for disaster preparedness.

Continuing Education Credits

The Ohio Hospital Association is accredited by the Ohio State Medical Association to sponsor continuing medical education activities for physicians. The Ohio Hospital Association designates this educational activity for a maximum 7.0 hours in Category I credit toward the AMA Physician's Recognition Award. Each physician should claim only those hours of credit that he or she actually spent in the educational activity.

Please contact The OHA Center for Education at (614) 221-7614 for information on other continuing education credits.

Services for Physically Challenged Individuals

OHA wishes to take reasonable steps to ensure no individual who is physically challenged is discriminated against because of the absence of auxiliary aids and services. If special arrangements or diet are required for an individual to participate in this program, please contact OHA at (614) 221-7614 at least ten (10) days prior to the scheduled date.

Agenda

0815-0845	Registration and Sign In
0845-0900	Welcome & Introduction
0900-0930	Definitions of a Disaster
0930-0950	Disaster Injury Patterns
0950-1010	START Triage
1010-1050	Anatomy of a Disaster and Field Management of a Disaster
1050-1150	Biological Agents and Hospital Considerations
1150-1230	Lunch
1230-1305	Crush Injuries and Hospital Considerations
1305-1335	Blast Injuries and Hospital Considerations
1335-1355	Radiological Injuries and Hospital Considerations
1355-1425	Chemical Agents and Hospital Considerations
1425-1440	PPE and Hospital Considerations
1440-1500	CISM and Hospital Considerations
1500-1600	Scenario
1600-1615	Questions, Discussion, Evaluation
1615	Adjourn