

**POST-CONFERENCE PROCEEDINGS
WORKSHOP SESSION SUMMARY
NIEHS NATIONAL TRAINERS' EXCHANGE
MARCH 2012**

1. Session Title and Presenters' Contact Information

"Engaging Healthcare Hazardous Materials Trainees"

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2. Workshop Summary

This session focused on the challenges of maximizing the learning of healthcare workers when attending hazardous materials emergency response training.

The session addressed some of the challenges and solutions when delivering the HazMat for Healthcare First Responder/Receiver Awareness and Operations training among a spectrum of student demographics.

Several methods of engagement were discussed and demonstrated.

Objectives

- By the end of the session participants will be able to:
 - Identify how hazardous materials emergencies may impact a healthcare worker both personally and professionally
 - Recognize the threats and how hazardous materials emergencies may impact the healthcare organization
 - Recognize the threats and how hazardous materials emergencies may impact the community

The session used a PowerPoint presentation to both articulate the substance of the presentation and convey components of the course. The presentation was designed to generate lively discussion, to allow the session attendees to experience the educational tools employed, and to gain perspective regarding

engaging healthcare workers in hazardous materials emergency response training.

3. Methods

This session employed several methods of engagement including:

- Direct queries to the students regarding who may encounter a hazardous materials incident, what department and job positions may likely encounter a contaminated victim seeking assistance. The responses were recorded on chart pad
- The students were subsequently queried for examples of internal and external incidents
- A small group activity intended to place hazardous material emergencies in both personal and professional perspective was conducted by asking the groups to address the impacts of hazardous materials emergencies on:
 - An individual using a nurse on a med/surg floor as an example
 - A community using the local mayor as an example
 - The hospital using the hospital administrator as an example
 - The hospital emergency department using the department manager as an example

4. Main Points

- Key lessons
Hospital personnel attending hazardous materials emergency response training will vary in interest, background, and learning styles. Successful training will allow the students to demonstrate competency in knowledge, skills, and decision making. Maximizing engagement will maximize learning. Making the course real, relevant to their personal and professional life, and fun has proven to be a successful approach to training.
- Responses from participants
The session attendees actively participated in the discussion. Several shared their experiences which echoed the content of the presentation.

5. References

- HazMat for Healthcare- www.enmagine.com
- Training Hospital-based Hazardous Materials Emergency Response Healthcare Workers: Up-to-Date Guidelines
Craig D. Thorne, M.D., MPH and Paul Penn, MS, CHEM, CHSP
The Journal of the American Society of Professional Emergency Planners
2004
Bruce Binder, Editor
- Establishing and Training Health Care Facility Decontamination Teams
John L. Hick, MD Paul Penn, MS, CHEM et al
Annals of Emergency Medicine September 2003

NIEHS WETP National Trainers' Exchange: Training Today for a Safer Tomorrow

March 28-29, 2012, Fort Lauderdale, FL.

- Hospital Hazardous Material Emergency Response: The Devil is in the Details©
Paul Penn
National Disaster Medical Systems Conference
Atlanta, Georgia
April 14, 2002¹
- The Hazardous Waste Operations and Emergency Response Standard
OSHA , Washington DC
- OSHA Best Practices for Hospital-Based First Receivers of Victims from
Mass Casualty Incidents Involving the Release of Hazardous Substances.
OSHA, Washington DC

6. Workshop Handouts/ Resources
