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## Chemical Attack Tabletop Exercise

## Lesson Plan

**MINIMUM TIME REQUIRED:** 2.5 hours (followed by 30 minute Post-incident Analysis & Exercise Critique)

**TRAINING METHOD:** Group-based Tabletop Exercise

**AUDIOVISUAL REQUIREMENTS:**

- Laptop Computer with scenario PowerPoint presentation
- Video projector
- External speaker hooked to laptop
- Projector screen
- Flipchart(s), with markers and masking tape
- Tent cards to designate seating areas for EMS, Hospital, Public Health

**TRAINING MATERIALS REQUIRED:**

- "Welcome to Anytown, USA" orientation packet
- Materials to handout at the beginning of the exercise:
  - Handouts from exercise scenario PowerPoint presentation
  - Maps 4, 5, and 6
  - Weather Statement
  - Info sheets on chlorine (e.g. CDC Fact Sheet, ATSDR ToxFAQs and MMGs)
- Optional materials to handout at the facilitator's discretion:
  - Time/Volume Relationship Formula worksheet for calculating EMS transportation needs

**TRAINEE ACTIVITIES:** Trainees will work in EMS, Hospital, and Public Health working groups to address problems arising when a terrorist event overwhelms community resources.

**LEARNING OBJECTIVES:** After completing this activity, from the perspective of the participants' response discipline, the participant will be able to:

1. List key safety concerns of personnel responding to a chemical attack incident.
2. Describe key strategic goals for responding to a chemical attack.
3. Explain the importance of using a unified incident command system and the major ICS roles in responding to a mass casualty incident.
4. Describe the major ICS roles
5. List major planning issues for WMD incident response.
6. Describe the organizational concept of the Joint Information Center and the Joint Information System within the ICS.
7. Explain the importance of using a demobilization plan when involvement in a response operation is terminated.



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### PROCEDURE:

1. The exercise facilitator will assign participants to work in the EMS, Hospital, and Public Health groups that they were organized into during the previous Orientation to Tabletop Exercise module.
2. The facilitator will present the scenario information using the scenario PowerPoint presentation.
3. At the end of each of the three segments making up the scenario, the facilitator will instruct all three groups to complete the assignment by filling in the answer sheet.
4. After each assignment is complete, each of the three groups will briefly report their conclusions to the class as a whole and the facilitator will lead the class in brief discussion.
5. After the third part of the scenario is completed, the facilitator will lead a Post Incident Analysis and Critique based on the outcome of the exercise.

### TIME LINE:

|   |            |
|---|------------|
| Orientation of Anytown  | 30 minutes |
| Start PowerPoint presentation<br>(Handout PowerPoint, Maps 4, 5, 6) | 10 minutes |
| Assignment One  | 20 minutes |
| Assignment One Review   | 30 minutes |
| Resume PowerPoint Presentation                                      | 10 minutes |
| Assignment Two  | 20 minutes |
| Assignment Two Review   | 20 minutes |
| Resume PowerPoint Presentation                                      | 10 minutes |
| Assignment Three  | 15 minutes |
| Assignment Three Review   | 15 minutes |
| Exercise Critique   | 30 minutes |

**DISCLAIMER:** The University of Alabama at Birmingham (UAB), Tulane University, and the South Central Center for Public Health Preparedness are not liable for any inaccuracies of information found within this tabletop exercise. This tabletop exercise contains information that is current as of January, 2006. Mention of any company or products in this tabletop exercise does not constitute endorsement by the South Central Center for Public Health Preparedness, the University of Alabama at Birmingham (UAB), or Tulane University. This effort is a Center for Disease Control and Prevention grant funded project, Cooperative Agreement No. U90/CCU424261-01-1, "Centers for Public Health Preparedness."

For information about this product please contact the UAB South Central Center for Public Health Preparedness at 205-934-7148 or mail your request to:

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