

Michigan Department of Health and Human Services, Bureau of Laboratories

presents

Laboratory Response and Hospital Preparedness in a Chemical Exposure Event

Purpose:

Members of the health care team need to be prepared to respond to a large scale chemical event, whether a result of terrorism or accidental exposure. Laboratory testing will play an important role both in patient follow-up and prosecution of perpetrators of intentional acts. This one hour presentation will briefly discuss some of the chemical agents that could be used for terrorism with an emphasis on the laboratory's response.

Learner Objectives:

At the conclusion of this session, the learner will be able to:

1. List at least 2 types of agents that could potentially be used in a chemical terrorism attack.
2. Describe the role of the hospital and state laboratories in the Laboratory Response Network.
3. Identify what specimens to collect from people involved in a chemical exposure event.
4. Describe the forensic requirements for collection and handling of specimens following a chemical exposure event.
5. Define resources available for proper packaging and shipping of specimens.
6. Know whom to contact in the event of a chemical terrorism agent exposure.

Target Audience:

Learners should be any person responsible for ordering the collection of clinical (blood and urine) specimens and persons responsible for the actual collection, packaging, and shipment of clinical specimens.

Presenter:

Teresa Miller, BSc

Planning Committee Members:

Teresa Miller, BSc; Matthew J. Geiger, MS

Disclosure Statement:

The presenter and the planning team have no commercial interest related to this presentation and have no conflicts of interest to disclose. No commercial support has been received. This presentation is free of commercial bias and does not endorse use of or off-label use of products.

