



TRACIE

HEALTHCARE EMERGENCY PREPAREDNESS
INFORMATION GATEWAY

Chemical
Topic Collection
11/6/2015



Topic Collection: Chemical

An incident involving the accidental or intentional release of chemicals can lead to serious injuries, hospital surge, and the need to protect responders, medical care providers, and community members. The resources in this Topic Collection can help emergency responders and healthcare workers identify chemical hazards and prepare for and respond to related incidents.

This ASPR TRACIE Topic Collection is in the process of being developed and comprehensively reviewed. If you have resources to recommend for inclusion in this Topic Collection, specifically illustrative examples, plans, tools or templates, please email your recommendations to askasprtracie@hhs.gov.

Army Center for Health Promotion and Preventive Medicine Aberdeen Proving Ground. (2000). [The Medical NBC Battlebook](#).

This downloadable PDF serves as a quick reference guide for medical personnel in the field. The authors provide information on the following threats: nuclear, radiological hazards, biological, chemical, and lasers/ radiofrequency.

Lee, E. (2003). [Clinical Manifestations of Sarin Nerve Gas Exposure](#). (Abstract only.) Journal of the American Medical Association, 290(5): 659-662.

The author explains the toxicology, toxicity, and other variables as they relate to sarin gas exposure.

National Institute for Occupational Safety and Health. (2010). [NIOSH Pocket Guide to Chemical Hazards \(NPG\)](#).

This guide provides information on hundreds of chemicals/classes for workers, employers, and occupational health professionals. Information on personal protective equipment, respirator selection, and first aid is also included.

Office of the Assistant Secretary for Preparedness and Response, National Library of Medicine (2003). [Chemical Hazards Emergency Medical Management](#). U.S. Department of Health and Human Services.

This website provides a wide range of information on chemical hazards for first responders, healthcare providers, and incident command staff.

Pipeline and Hazardous Materials Safety Administration. (2012). [Emergency Response Guidebook \(ERG\)](#). U.S. Department of Transportation.

This version of the guidebook can help first responders respond to hazardous materials incidents within the first 30 minutes.

Tarrant County Advanced Practice Center. (2011). [Responding to Chemical/Radiological Terrorism: Training Manual](#).

These training materials are geared towards public health staff, medical emergency department staff, and first responders. Participants will learn how to respond to incidents involving nuclear, radiological or chemical weapons of mass destruction.

United States Army Medical Research Institute of Chemical Defense, Chemical Casualty Care Division. (2015). [Chemical Casualty Care Division](#).

Medical professionals can access links to a variety of tools, products, and courses on chemical casualty care from this web page.

Centers for Disease Control. (n.d.). [Centers for Disease Control and Prevention, Emergency Preparedness and Response, Chemical Emergencies](#). (Accessed 11/6/2015.)

This website provides information for both the general public and for professionals about chemical emergencies.