

Conocimiento es Poder: Educacion e Informacion para Preparativos y Respuesta a Emergencias de Salud Publica

Victor Cid y Stacey Arnesen

Disaster Information Management Research Center

National Library of Medicine

Especialista de Informacion de Desastres

<http://disasterinfo.nlm.nih.gov/dimrc/disasterinfospecialist.html>

- Sin costo
- Certificado opcional de la MLA cuesta \$50. www.mlanet.org/education/dis
- Cursos para bibliotecologos y para profesionales de salud de desastres
- Todos los cursos disponibles en linea.
- Cinco cursos (3 horas cada uno) para nivel basico; 12 horas adicionales para nivel avanzado
- Todos los cursos y actividades reciben creditos de educacion continua de la MLA

Cursos En Linea

<https://disasterinfo.nlm.nih.gov/dimrc/trainingresources.html>

On this page...

Welcome

Topics Covered in this Course

Learning Objectives

Using this Course

Pre-Course Evaluation

Welcome to Disaster Health Information Sources: The Basics

If you are taking this course for Medical Library Association credits, please **register and complete the class** through our free online registration system.

This course provides a comprehensive overview of the essential resources needed to provide health-related information services for supporting disaster preparedness, response, and recovery.

We will cover key sources from the U.S. National Library of Medicine® (NLM), federal and nonfederal agencies, and international organizations. Tools for locating, organizing, and disseminating disaster health information will also be covered.

This self-paced course fulfills one of the requirements of the Medical Library Association (MLA) Disaster Information Specialization, Basic Level. Students will earn three MLA continuing education (CE) credits.

Note: After reviewing the information on this page, please be sure to complete the pre-course evaluation at the bottom of the page before continuing with the course.



Cursos En Linea

► Basic Level Courses

- **Disaster Health Information Sources: The Basics**
Provides a comprehensive overview of the essential resources needed to provide health-related information services for supporting disaster mitigation, planning, response, and recovery. (3 MLA CE credits)
- **US Response to Disasters and Public Health Emergencies**
Provides an introduction to disaster/emergency planning and response as conducted in the United States, with an emphasis on medical response. (3 MLA CE credits)
- **Information Roles in Disaster Management**
Presents research findings on librarians' roles supporting the disaster workforce. Information needs of first responders, emergency managers, and other professionals working in the areas of disaster planning, response, and recovery are also discussed. (3 MLA CE credits)
- **IS-700.a National Incident Management System (NIMS): An Introduction**
Introduces and provides an overview of the National Incident Management System (NIMS). NIMS provides a consistent nationwide template to enable all government, private-sector, and nongovernmental organizations to work together during domestic incidents. The course is available online at no cost from FEMA.
- **IS-100.b Introduction to Incident Command System, ICS-100**
Describes the history, features and principles, and organizational structure of the Incident Command System (ICS). ICS is a standardized approach to incident management. The course is available online at no cost from FEMA.

► Advanced Level Courses

- **A Seat at the Table: Working with Local Responders**
Covers the basics of initiating and developing relationships with all relevant local, state, and federal officials and agencies as well as with emergency responders. (4 MLA CE credits)
- **Health and Disasters: Understanding the International Context**
Identifies who's who (and why) in the international disaster community, their roles and responsibilities in pre- and post-disaster situations, and the type of information that they may offer or require to respond to real or perceived needs, with a particular focus on health. (4 MLA CE credits)
- **CBRNE (Chemical, Biological, Radiological, Nuclear and Explosives): Health Information Resources**
Provides an overview of the concepts of CBRNE, including a review of the National Library of Medicine resources and tools that provide health-related information for supporting planning, response, and recovery from the effects of these potential hazards. Includes a review of WISER (Wireless Information System for Emergency Responders), CHEMM (Chemical Hazards Emergency Medical Management), and REMM (Radiation Emergency Medical Management). (4 MLA CE credits)
- **Packing Your Digital Go-Bag: Essential Disaster Health Information on Your Mobile Device**
Identifies and discusses key resources that responders and disaster/emergency preparedness professionals should load on their mobile devices as part of their preparedness activities. (1 MLA CE credit)
- **Disaster Information Specialist Program Webinars/Conference Calls**
Webinars for those interested in disaster health information are held on the second Thursday of most months at 1:30 ET. (1 MLA CE credit for participating in each monthly webinar or watching a recording.)
- **IS-42: Social Media in Emergency Management**
Provide best practices including tools, techniques and a basic roadmap to build capabilities in the use of social media technologies in emergency management organizations to further emergency response missions.

Centro de Investigacion en Gestion de Informacion sobre Desastres (DIMRC) de la NLM

- Una rama de NLM y el NIH.
- Mision: coleccionar, organizar, y diseminar informacion y conducir investigacion en emergencias de salud publicas y aspectos medicos de desastres
- Trabaja con otras divisiones e NLM para coordinar y promover recursos de NLM
- Connecta con agencias federales, estatales, locales, ONGs y otros sobre info de emergencias de salud publica

U.S. Department of Health & Human Services | www.hhs.gov

Disaster Information Management Research Center
IMPROVING ACCESS TO DISASTER HEALTH INFORMATION

National Library of Medicine
National Institutes of Health
SPECIALIZED INFORMATION SERVICES | NLM

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Disaster Types and Topics
Emergency Response Tools
Disaster Health Literature
Disaster Information Specia
NLM Projects & Research
Search TOXNET® Database
Training Courses & Resourc

Disaster Medicine and Public Health Literature

Disaster Lit
Disaster Lit®: The Resource Guide for Disaster Medicine and Public Health
Guide to disaster medicine and public health literature and related information.

PubMed
Database of biomedical journal citations and abstracts.

HazMat/CBRN (Chem, Bio, Rad, Nuclear)

WISER: Wireless Information System for Emergency Responders
System to assist first responders and first receivers in hazardous material incidents.
Now with CHEMM content.

REMM: Radiation Emergency Medical Management
Guidance about clinical diagnosis and treatment of radiation injuries during radiological and nuclear emergencies.

CHEMM: Chemical Hazards Emergency Medical Management
Guidance on planning, response and recovery related to chemical mass casualty incidents.

In the Spotlight
Hurricanes of 2017
a Virus Health Information Resources
ual Reality Disaster Health Preparedness Training
f Disaster Research Response Project (DR2)
aster Apps and Mobile Sites

Documents from Disaster Lit®
pping Vulnerability to at Waves in India
re...

in PubMed
e development and chrometric testing of a aster Response Self-cacy Scale among rgraduate nursing dents.

Search Our Web Pages
Search

A to Z Index of Resource
A B C D E F G H I
J K L M N O P Q R
S T U V W X Y Z #

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Que topicos de desastres abordamos?

Eventos que abruman o amenazan con abrumar las capacidades locales de responder a la emergencia.



Enlaces de Desastres en Salud: Informacion para Emergencias de Salud Publica: Virus Zika



U.S. Department of Health & Human Services

www.hhs.gov

Disaster Information Management Research Center
IMPROVING ACCESS TO DISASTER HEALTH INFORMATION

National Library of Medicine
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SPECIALIZED INFORMATION SERVICES



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Text size: [S](#) [M](#) [L](#) [XL](#)

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Zika Virus Health Information Resource Guide

Disaster Lit[®] documents, PubMed articles, and many other resources are updated daily.

- ▶ U.S. Federal Agencies
- ▶ U.S. Organizations
- ▶ International Organizations
- ▶ National Government (non-U.S.) Web Sites
- ▶ Updates from U.S. States and Territories
- ▶ Pregnancy and Zika Virus
- ▶ Free Resources from Publishers for Medical Responders
- ▶ Biomedical Journal Literature and Reports
- ▶ Situation Reports
- ▶ Genome, Sequences, and Virus Variation
- ▶ Laboratory Detection and Diagnosis of Zika Virus
- ▶ Clinical Trials
- ▶ Research, Development and Funding
- ▶ Surveillance and Control of Mosquito Vectors
- ▶ Travel
- ▶ Maps
- ▶ Social Media
- ▶ Multi-Language Resources
- ▶ Health Resources for the Public
- ▶ Disclaimer

What's New

Documents about Zika added to Disaster Lit:

- Last 7 days
- Last 14 days

Articles about Zika added to PubMed:

- Last 7 days
- Last 14 days

Keeping Current through Content Syndication

Embed the content of this page on your own Web page to get automatic updates and new resources. More about Content Syndication.

HHS Syndication Storefront
Department of Health and Human Services

[HOME](#)

Zika Virus Health Information Resources

Authoritative information resources and health guidance about the Zika virus from governmental, private and international sources. This list is compiled and maintained by the U.S. National Library of Medicine, Disaster Information Management Research Center.

Media Type: Html

- SourceUrl: <https://disasterinfo.nlm.nih.gov/dimrc/zikavirus.html>
- Syndication ID: 3895
- Language: English
- Source: National Library of Medicine (NLM)
- Date Syndication Captured: Tuesday, February 09, 2016 at 07:59 PM
- Date Syndication Updated: Tuesday, February 09, 2016 at 07:59 PM

Tags

General: [zika](#) [zika virus](#)

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Disaster Lit: Recursos “No en PubMed”

zika

Search Clear Search Terms Print/Download View

Refine Your Results

Displaying records 1 - 10 of 636 Expand all Collapse all

Page 1 of 64 Results/page: 10 Sort: Newest First

First Previous Next Last

Source

- ADA [Americans with Disabilities Act] National Network (1)
- Alabama Department of Public Health (2)
- American Academy of Pediatrics (7)
- American Anthropological Association (1)
- American Association

Publication Type

- Bibliography/Resource List (4)
- Conference/Meeting Material (35)
- Database/Dataset (7)
- Factsheet (32)
- Guideline/Assessment Tool (240)
- Hearing/Testimony (9)

Publication Year

- 2017 (51)
- 2016 (557)
- 2015 (19)
- 2014 (2)
- 2013 (3)

Author

- [Zika, Dengue and Chikungunya Toolkit: Adaptation for Latin America and the Caribbean](#)
Source: International Federation of Red Cross and Red Crescent Societies (IFRC)
Date Published: 04/18/2017
Annotation: These tools for Zika, Dengue and Chikungunya Prevention include three toolkits, teaching modules, and a Seasonal Calendar for Vector Control that were developed to initiate a long-term engagement with the communities at risk through awareness and health promotion materials. These materials will help healthcare practitioners and volunteers foster dialogue with communities and ensure that prevention is seen as the primary way of combating vector-borne diseases. [\[less\]](#)
URL: <http://www.ifrc.org/en/news-and-media/news-stories/international/zika-dengue-and-chikungunya-toolkit-adaptation-for-latin-america-and-the-caribbean--73923/>
Type: Guideline/Assessment Tool
Access Notes: Link to Prevention Toolkit: <http://www.ifrc.org/Global/Documents/Secretariat/Health/ZDC-Toolkit-Prevention-Toolkit.pdf>
Link to Community Module: <http://www.ifrc.org/Global/Documents/Secretariat/Health/ZDC-Toolkit-Community-Module.pdf>
Link to School/Youth Module: <http://www.ifrc.org/Global/Documents/Secretariat/Health/ZDC-Toolkit-School-Youth-Module.pdf>
Link to Seasonal Calendar in English and Spanish: https://drive.google.com/drive/folders/0B4D_v174wMV1bW5jSHJBeFdjU1k
ID: 14709. From [Disaster Lit](#)[®], a database of the U.S. National Library of Medicine.
- [Zika Virus: Protecting Pregnant Women and Babies](#)
Source: Centers for Disease Control and Prevention (CDC)
Date Published: 04/11/2017
Annotation: This one-hour Town Hall Teleconference features three speakers who discuss how to protect women and babies from the Zika virus. They discuss the U.S. Zika

Suplementa PubMed

Tipos de Recursos:

- Guías
- Entrenamiento/Curriculum
- Webinars
- Informes
- Sitios Web

Refinar Resultados por:

- Fuente
- Tipo de Publicación
- Año

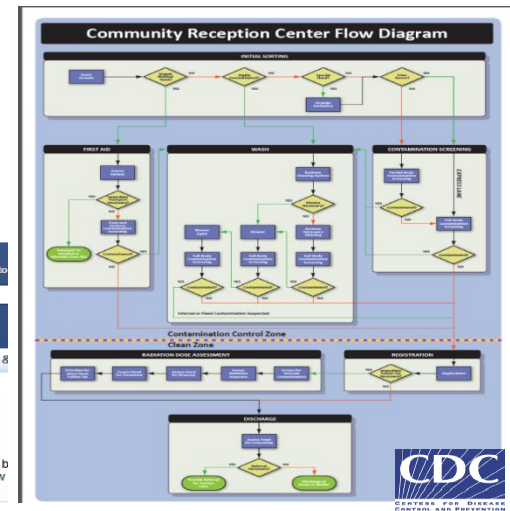
<http://disasterlit.nlm.nih.gov/>

Disaster Lit: Recursos del Gobierno Federal de EEUU

Hearings

Oversight Hearing - Public Health Emergency Medical Countermeasure Enterprise

Thursday, February 27, 2014 10:00 AM in 2358-C Rayburn
Labor, Health and Human Services, Education, and Related Agencies

HHS Disaster Human Services Concept of Operations

Dialysis Clinics after Restoration of
Tips about Medical Devices and Hur

Hurricane Sandy Response and Recovery



unding for New Jersey and New

Guidance for Temporary Reassignment of State and Local Personnel during a Public Health Emergency

Section 201 of the Pandemic and All-Hazards Preparedness Reauthorization Act of 2013 (PAHPRA), Public Law 113-5

For Official Use Only

March 27, 2014

Resources for Residents

- Fact sheets on flooded buildings, mold cleanup, household hazardous waste, lead paint, NJ & NY hotlines, and more.
- Disinfecting drinking water

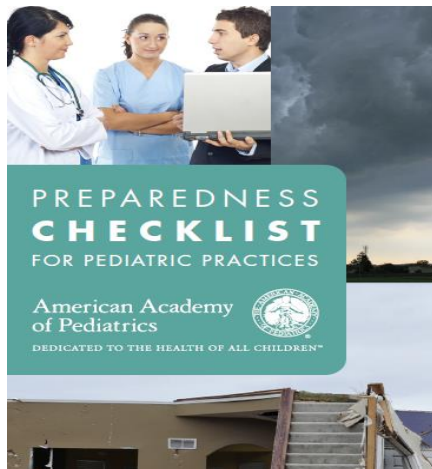
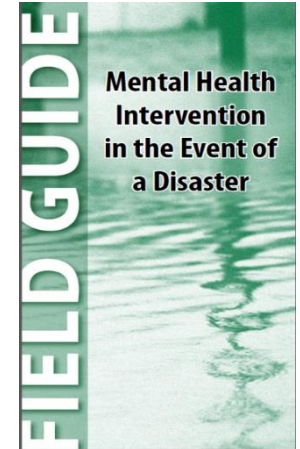
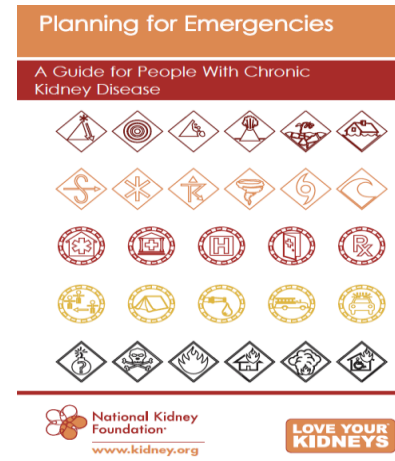
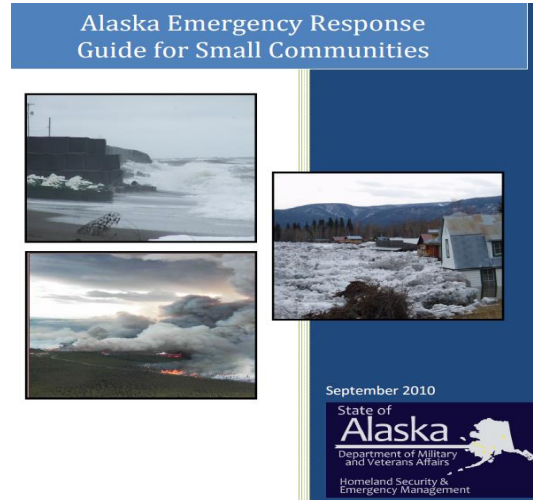
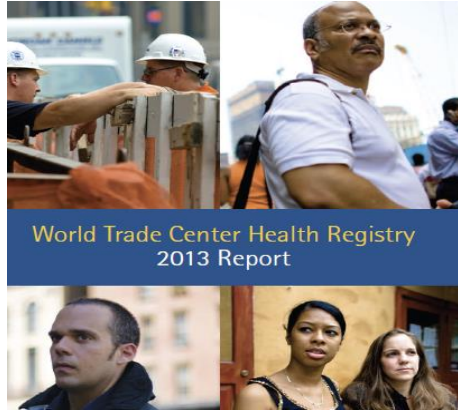
Response Efforts

- As of May 3, 2013: Ongoing work

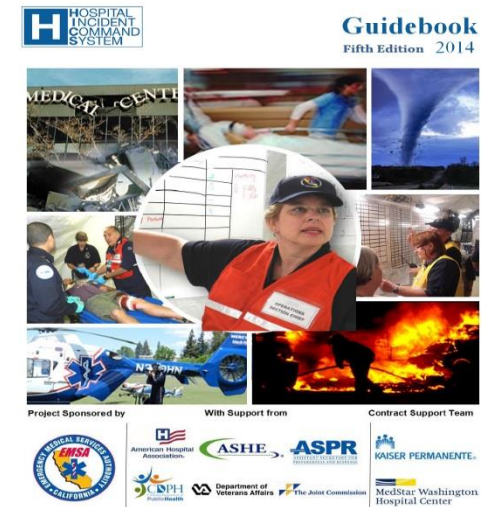
Questions and Answers

New Releases, Data, and

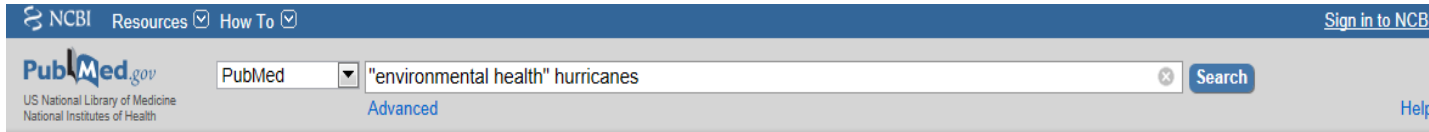
Otros Recursos en Disaster Lit



Webinar: Lessons from the Fertilizer Plant Explosion in West, Texas



Revistas de Desastres en PubMed



PubMed

PubMed comprises more than 23 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

PubMed Commons

PubMed's new commenting system

Using PubMed

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- [New and Noteworthy](#)

PubMed Tools

- [PubMed Mobile](#)
- [Single Citation Matcher](#)
- [Batch Citation Matcher](#)
- [Clinical Queries](#)
- [Topic-Specific Queries](#)

Disaster Medicine and Public Health Journals

- American Journal of Disaster Medicine
- Biosecurity and Bioterrorism: Biodefense Strategy, Practice and Science
- Disaster Medicine and Public Health Preparedness
- Disasters
- Disaster Management and Response (2003-2007)
- Journal of Business Continuity and Emergency Planning
- Journal of Emergency Management
- Journal of Special Operations Medicine
- PLOS Currents (includes Disaster section)
- Prehospital and Disaster Medicine
- Risk Analysis
- Western Pacific Surveillance and Response Journal
- Wilderness and Environmental Medicine

PubMed Central:

Repositorio de texto completo de artículos de revistas

- Mas de 4 millones de artículos
- Pronto incluirán:
 - Todas las agencias del HHS
 - NASA
 - NIST
 - EPA
 - DHS

PMCID: PMC4251210

West J Emerg Med. 2014 Nov; 15(7): 728-731.
Published online 2014 Sep 26. doi: 10.5811/westjem.2014.9.24011

Ebola Virus Disease: Essential Public Health Principles for Clinicians
Kristi L. Koenig, MD,* Cassandra Majestic, MD,* and Michael J. Burns, MD†
Author information | Article notes | Copyright and License information |

Abstract

Ebola Virus Disease (EVD) has become a public health emergency of international concern. The World Health Organization and Centers for Disease Control and Prevention have developed guidance to educate and inform healthcare workers and travelers worldwide. Symptoms of EVD include abrupt onset of myalgias, and headache in the early phase, followed by vomiting, diarrhea and possible progression to hemorrhagic rash, life-threatening bleeding, and multi-organ failure in the later phase. The disease is transmitted via airborne spread like influenza, but rather from person-to-person, or animal to person through direct contact with bodily fluids or blood. It is crucial that emergency physicians be educated on disease presentation and how to generate a timely and accurate differential diagnosis that includes exotic diseases in the appropriate patient population. A patient should be evaluated for EVD when both suggestive symptoms, including unexplained hemorrhage, AND risk factors within 3 weeks prior, such as travel to an endemic area, direct handling of animals from outbreak areas, or ingestion of fruit or other uncooked contaminated with bat feces containing the virus are present. There are experimental therapies for treatment of EVD virus; however the mainstay of therapy is supportive care. Emergency department personnel and frontlines must be prepared to rapidly identify and isolate febrile travelers if indicated. All healthcare workers involved in care of EVD patients should wear personal protective equipment. Despite the intense media focus on EVD rather than other threats, emergency physicians must master and follow essential public health principles for management of all infectious diseases. This includes not only identification and treatment of individuals, but also protection of healthcare workers and prevention of spread, keeping in mind the possibility of other more common disease processes.

Formats:
Article | **PubReader** | ePub(beta) | PDF(309K) | Citation

PubReader format: click here to try

Child & youth care forum
Author Manuscript | HHS Public Access

Research Methods in Child Disaster Studies: A Review of Studies Generated by the September 11, 2001, Terrorist Attacks; the 2004 Indian Ocean Tsunami; and Hurricane Katrina
Betty Pfefferbaum, Carl F. Weems, [...], and Amarsha Chakraborty

Click PubReader Format if using a mobile device for an easy to view version of the article

Iniciativa de Acceso de Emergencia

- Acceso abierto a recursos especializados durante desastres: artículos de revistas, libros y bases de datos

NIH U.S. National Library of Medicine

Databases Find, Read, Learn Explore NLM Research at NLM NLM for You

Emergency Access Initiative

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Take Short Survey

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Search for articles in PubMed

To [Search for articles in PubMed](#) available through the Emergency Access Initiative, do the following:

1. Perform your search.
2. On the PubMed summary search results page, click the "Emergency Access – Free Articles" filter link to limit citations to those free via the Emergency Access Initiative.
3. Select the citation to view the abstract.
4. Click the Emergency Access Initiative icon  to navigate to article provider website to view the article.

NIH NLM

DEPARTMENT OF HEALTH & HUMAN SERVICES (DHHS)

Elija como Mantenerse al Dia

The screenshot shows a website layout with several sections. A red circle highlights the 'Stay Connected' section, which includes options to join a discussion list, get email updates, subscribe to RSS, follow on Twitter, and a share button. Other sections include an 'A to Z Index of Resources' with a grid of letters, 'About the Center' with links to fact sheets, news, and publications, 'Disaster Medicine and Public Health Literature' featuring 'Disaster Lit' and 'PubMed', and 'HazMat/CBRN' featuring 'WISER'.

A to Z Index of Resources ▶

A	B	C	D	E	F	G	H	I
J	K	L	M	N	O	P	Q	R
S	T	U	V	W	X	Y	Z	#

Stay Connected

- Join the Discussion List
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About the Center ▶

- ▶ Fact Sheet
- ▶ News
- ▶ Publications about the Center
- ▶ Staff Publications
- ▶ Promotional Materials
- ▶ Collaborations & Partnerships

Read our latest eNews that provides information on health care and cybersecurity

Resources for Healthcare Cybersecurity

Disaster Medicine and Public Health Literature ▶

Disaster Lit **Disaster Lit®: The Resource Guide for Disaster Medicine and Public Health**
Guide to disaster medicine and public health literature and related information.

PubMed
Database of biomedical journal citations and abstracts.

HazMat/CBRN (Chem, Bio, Rad, Nuclear) ▶

WISER: Wireless Information System for Emergency Responders
System to assist first responders and first receivers in hazardous material incidents.
Now with CHFMM content.

Herramientas Hazmat/CBRNe

Desarrolladas por HHS/ASPR y NIH/NLM



- **WISER**: Wireless Information System for Emergency Responders

Systema para asistir profesionales de primera respuesta en el manejo de incidentes con materiales peligrosos.



- **CHEMM**: Chemical Hazards Emergency Medical Management

Guia de planificacion, respuesta y recuperacion para incidents quimicos de mass casualty.



- **REMM**: Radiation Emergency Medical Management

Guia para diagnostico clinico y tratamiento de lesiones de radiacion durante emergencias radiologicas y nucleares.

Que incluye WISER/CHEMM

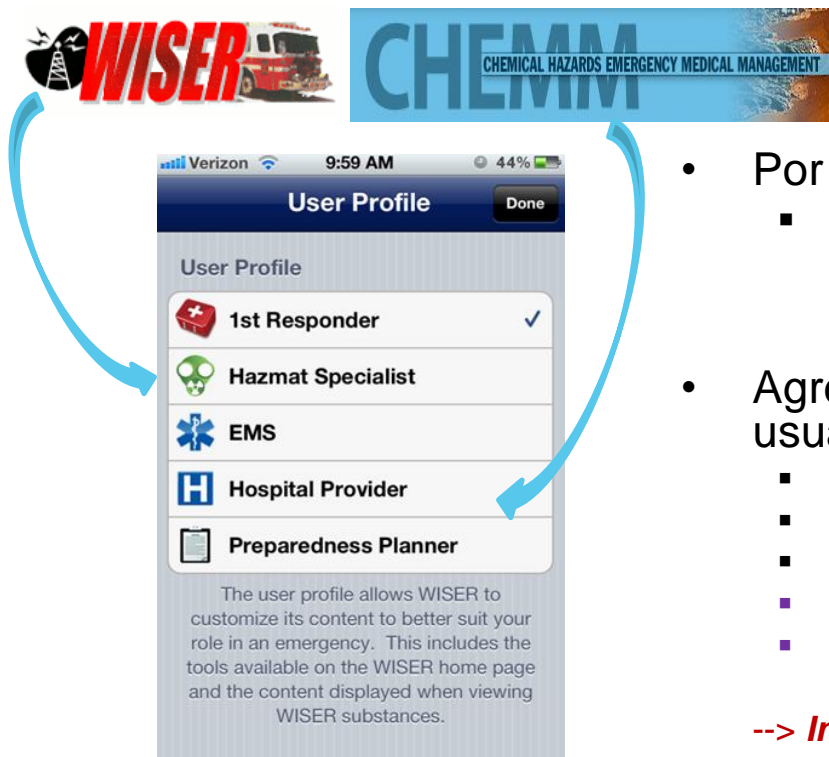
Datos de 400+ quimicos, 20+ agentes radiologicos, y agentes biologicos Categoria A del CDC

Identificacion de sustancias desconocidas y mapeo (GIS) de distancias de proteccion/seguridad

Herramientas y materiales de referencia

Algoritmos de Triage, ERG 2012, WMD Response Guidebook
Procedimientos de radiacion, Estimador de dosis

WISER – Incorporacion de CHEMM en App WISER



- Por que integrar?
 - Usuarios no recuerdan multiples herramientas en emergencias/desastres
- Agrega nuevos perfiles de usuario:
 - Primera Respuesta
 - Especialista Hazmat
 - EMS
 - **Proveedor de hospital**
 - **Planificador de Preparativos**

--> **Informacion basada en roles**

Plataformas WISER y CHEMM

Windows



WebWISER



iPhone®



Android

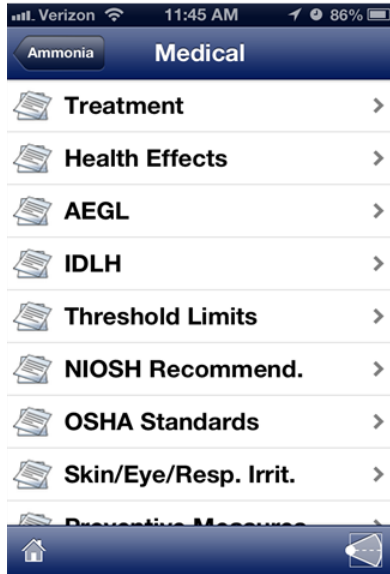


BlackBerry®

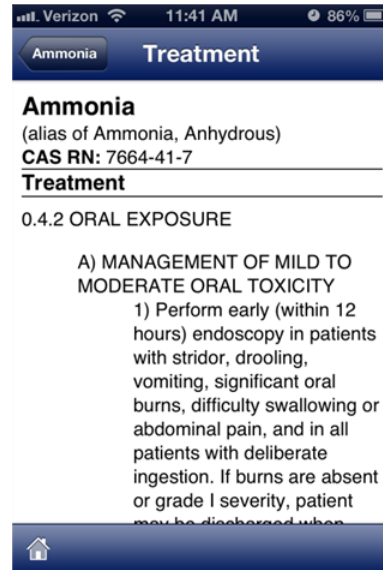


Ammonia – Info Medica

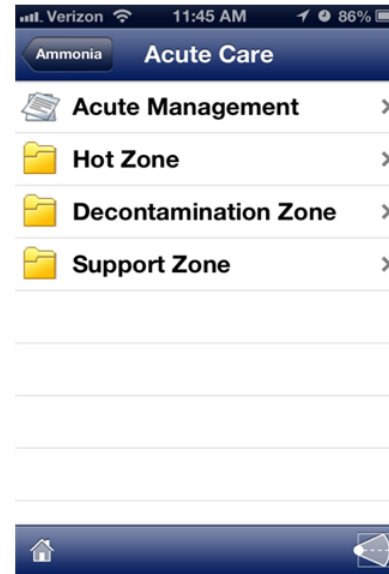
Outline Info



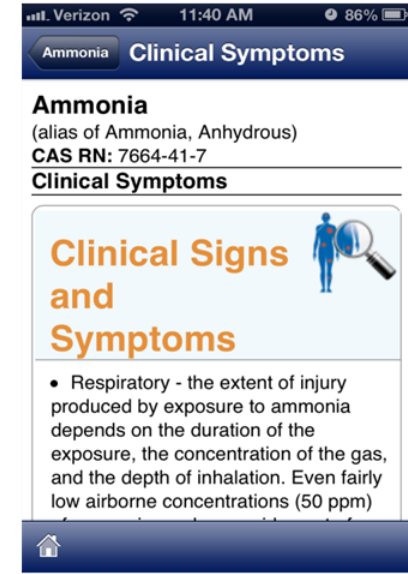
Treatment



Acute Care (CHEMM)



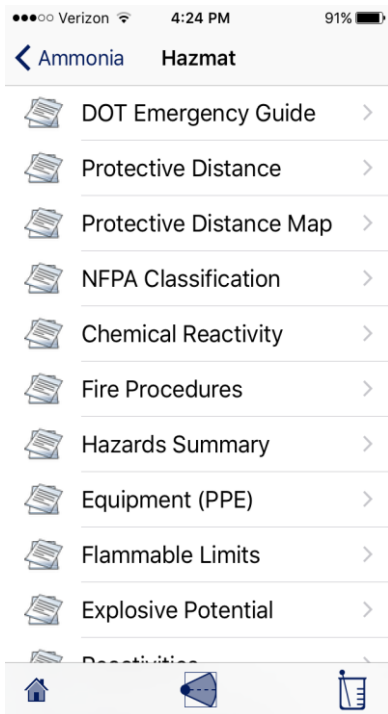
Clinical Signs/Symptoms (CHEMM)



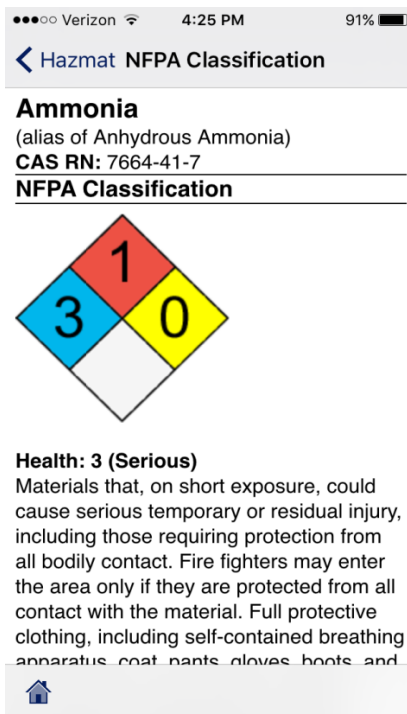
Ammonia – Info Hazmat/Seguridad

Info para Primera Respuesta

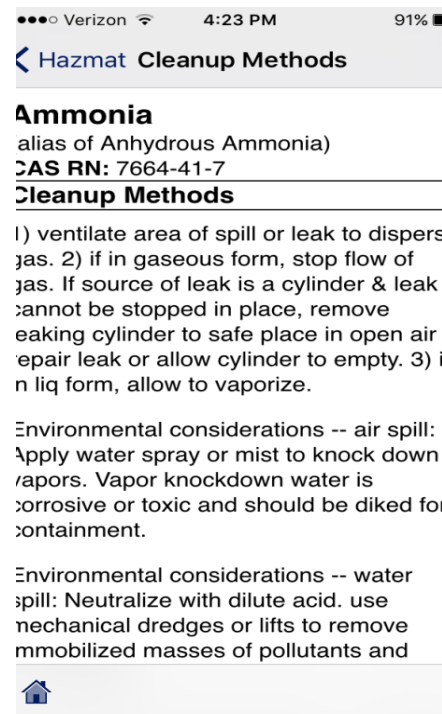
Outline Info



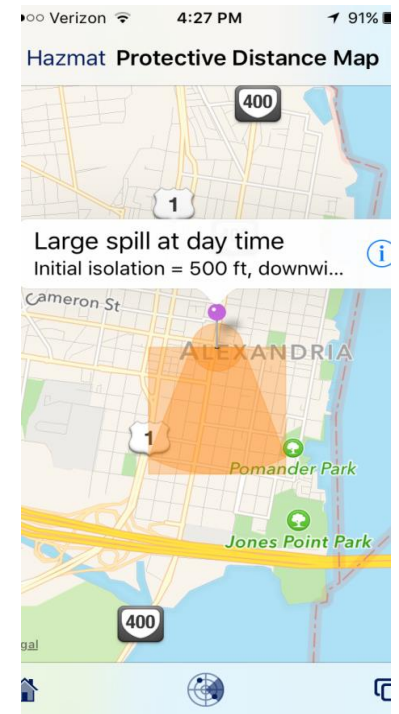
National Fire Protection Association



Personal Protective Equipment



Protective Distance Map



WISER, CHEMM, REMM

Herramientas de Toma de Decisiones

CHEMM-IST

WISER Help Identify

Quimico o
clase

Syndrome Prediction Done Organophosphorus Pesticide...

State of Alertness **Anxious**

Syncope **Yes**

Pinpoint Pupil **Yes**

Seizure **Yes**

Cardiac Signs **Yes**

Burning Throat/Nose **No**

Wheezing **No**

Shortness of Breath **Yes**

Wet lungs/Rales **Can't Assess**

Sweaty **Yes**

Burnina Chest Pain **No**

Knockdown Syndrome

Pesticide Syndrome

Acute Solvent Syndrome

Irritant Gas Syndrome

Uncertain More probable Most probable

Organophosphorus Pesticides and Nerve Agents
Gon (GA), Sarin (GB), Tabun (GD), and VX

Organophosphorus pesticides and nerve agents are highly poisonous chemicals that work by preventing the nervous system from working properly. Organophosphorus pesticides and other organophosphate pesticides cause acetylcholinesterase inhibition, resulting in signs and symptoms such as pinpoint pupils, eye pain, drooling, tearing, vomiting, and sweating, also known as **Pesticide Syndrome**.

Nerve Agents - Acute Patient Management Guidelines

[Nerve Agents](#)

Back Select Body Area Clear

Body Temp

Skin

438 of 438 chemicals

Placard Rail Car Road Trailer Cancel

DANGEROUS-MIXED LOAD/UNIDENTIFIED CARGO

EXPLOSIVES

EXPLOSIVES

EXPLOSIVES

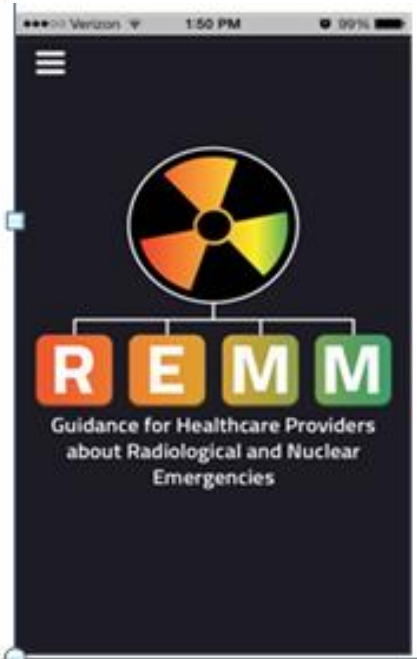
EXPLOSIVES

1.5

REMM Sitio Web y App

<http://www.remm.nlm.gov>

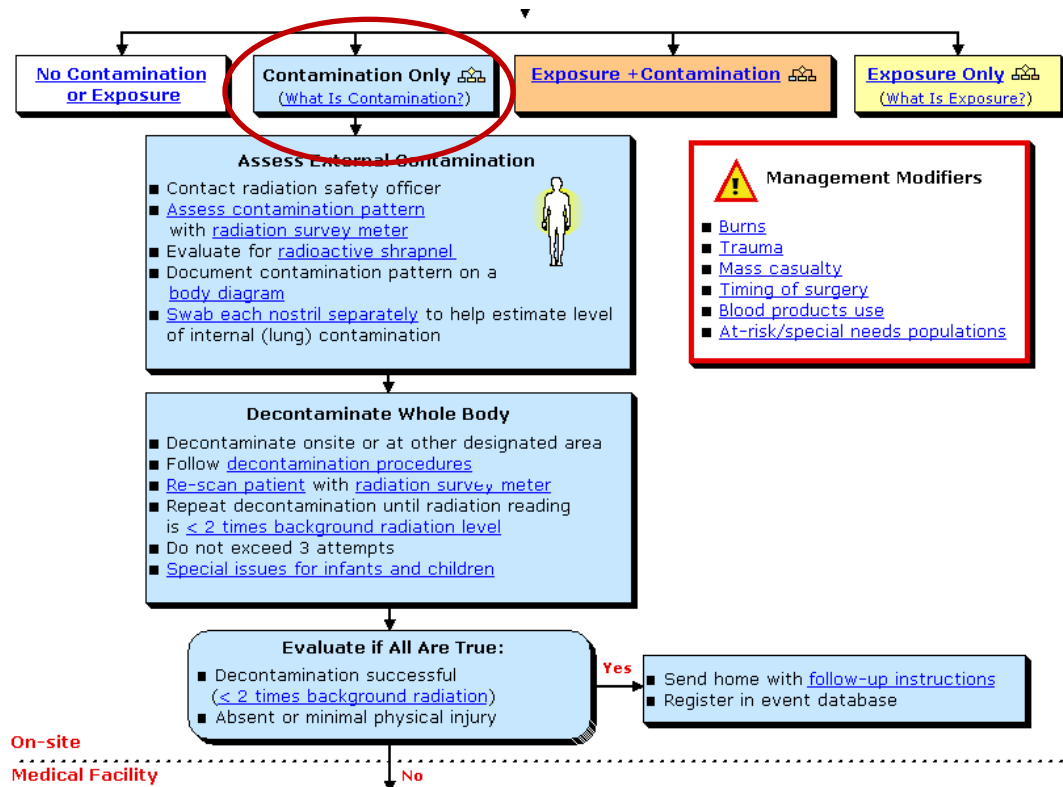
The screenshot shows the REMM website interface. At the top, it features the logo for the U.S. Department of Health & Human Services and the title "REMM RADIATION EMERGENCY MEDICAL MANAGEMENT". Below the logo is a navigation bar with options: "Interactive Clinical Tools", "Diagnosis & Treatment", "Reference & Data", "Overview", and "Get REMM App". A search bar is also present. The main content area is organized into several columns and rows of boxes, each with a title and a list of sub-topics. The columns are: "What Kind of Emergency?", "Patient Management", "Initial Incident Activities", "Management Modifiers", "Practical Guidance", and "Other Audiences". Below these is a "REMM Multimedia Library" section with three video thumbnails labeled "Dirty Bomb", "Contamination", and "Exposure". At the bottom, there are sections for "About REMM", "Key Guidance Documents", and "Other Web Resources".



- Guia para proveedores de salud sobre diagnostico clinico eventos radiologicos/nucleares de multiple victimas/masivos
- Provee info bassada en evidencia que explica material complejo a profesionales *sin* entrenamiento formal en medicina de radiacion
- Provee informacion en formato web que puede ser bajada por adelantado y por lo tanto disponible incluso si Internet is not accessible

Algoritmos de principios de radiacion y gestion de pacientes









- Principios de radiacion
- Algoritmos gestion pacientes
- Actividades iniciales en terreno
- Procedimientos decontaminacion
- Evalua contaminacion interna
- Contramedidas



Go-Bag Digital: Apps y Pages Moviles

<http://disasterinfo.nlm.nih.gov/dimrc/disasterapps.html>

Pagina Web de apps confiable y gratis para apoyar en preparativos, respuesta y gestion de emergencias

ERG 2012  <p>By: National Library of Medicine and U.S. Department of Transportation</p> <p>2012 Emergency Response Guidebook (ERG) from the PHMSA (U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration) provides first responders with a go-to resource to help deal with hazmat accidents during the critical first 30 minutes.</p> <p>Install (iPhone/iPad)</p> <p>Install (Android)</p>	MedlinePlus  <p>By: National Library of Medicine</p> <p>The MedlinePlus mobile enhanced Web page provides access to consumer-oriented health information on disaster topics in English and Spanish.</p> <p>Mobile Web</p>
PubMed  <p>By: National Library of Medicine</p> <p>PubMed Mobile provides access to more than 21 million citations for biomedical literature from MEDLINE, life science journals, and online books.</p> <p>Mobile Web</p>	LactMed  <p>By: National Library of Medicine</p> <p>LactMed provides access information about maternal and infant drug levels and possible effects of vaccines and radiologic agents on lactation and on breastfed infants.</p> <p>Install (iPhone/iPad)</p> <p>Install (Android)</p>
CDC Blast Injury  <p>By: Centers for Disease Control and Prevention</p> <p>This application is designed to help healthcare providers and public health professionals treat injuries, prepare for blast events, and save lives.</p> <p>Install (iPhone/iPad)</p>	Internal Contamination Clinical Reference  <p>By: Centers for Disease Control and Prevention</p> <p>This app estimates reference concentrations of radionuclides in urine assuming intakes equal to one Clinical Decision Guide (CDG) for each radionuclide. It is intended for clinicians, health professionals, radiation safety officers, medical and public health laboratory specialists, or any other professional interested in internal contamination with radioactive materials and their medical therapy. The app is to be used for educational and informational purposes only.</p> <p>Install (iPhone/iPad)</p> <p>Install (Android)</p>
BioAgent Facts  <p>By: UPMC Center for Health Security</p> <p>BioAgent_Facts provides facts about pathogens</p>	Clinicians' Biosecurity Resource  <p>By: UPMC Center for Health Security</p> <p>Clinicians' Biosecurity Resource provides clinicians</p>


Outbreaks Near Me


By: HealthMap

Outbreaks Near Me provides real-time, searchable disease outbreak information for your neighborhood on interactive maps.

[Install \(iPhone/iPad\)](#)

[Install \(Android\)](#)

FluView


By: U.S. Centers for Disease Control and Prevention

FluView tracks influenza-like illness activity levels across the U.S.

[Install \(iPhone/iPad\)](#)

MedlinePlus: Informacion para el Publico

<https://www.nlm.nih.gov/medlineplus/zikavirus.html>



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[Página Principal](#) → [Temas de salud](#) → [Virus del Zika](#)

Zika Virus

Also called: **Zika**

Summary

Zika is a virus that is spread by mosquitoes. A pregnant mother can pass it to her baby during pregnancy or around the time of birth. There have also been reports that the virus has spread through blood transfusions and sexual contact. There have been outbreaks of Zika virus in Africa, Southeast Asia, the Pacific Islands, parts of the Caribbean, and Central and South America.

Most people who get the virus do not get sick. One in five people do get symptoms, which can include a fever, rash, joint pain, and conjunctivitis (pink eye). Symptoms are usually mild, and start 2 to 7 days after being bitten by an infected mosquito.

A blood test can tell whether you have the infection. There are no vaccines or medicines to treat it. Drinking lots of fluids, resting, and taking acetaminophen might help.

There have been reports of microcephaly (a serious birth defect of the brain) and other problems in babies whose mothers were infected while pregnant. The Centers for Disease Control and Prevention recommends that pregnant women do not travel to areas where there is a Zika virus outbreak. If you do decide to travel, first talk to your doctor. You should also be careful to prevent mosquito bites:

- Use insect repellent
- Wear clothes that cover your arms, legs, and feet
- Stay in places that have air conditioning or that use window and door screens

Centers for Disease Control and Prevention

Latest News

Virus del Zika

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Introducción

El Zika es un **virus** que en su mayoría se transmite por mosquitos (zancudos). Una mujer embarazada puede pasar el virus a su bebé durante el embarazo o cerca de la fecha de parto. Puede propagarse por contacto sexual. También se ha reportado su diseminación a través de transfusiones de sangre.



Reciba actualizaciones sobre

Virus del Zika por email

Ingrese su email

ENVIAR



**Disaster
Information Management
Research Center**

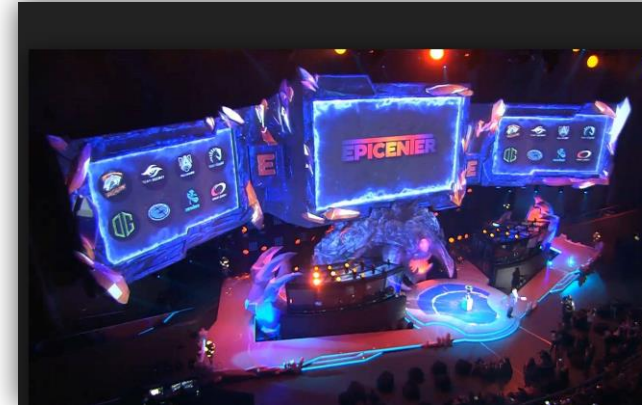


Nuevas iniciativas de NLM

- Mejorar acceso a resultados de investigacion financiados por gobierno de EEUU (articulos de revistas)
- Datos abiertos/Comparticion de datos
- Ciencia de Datos

Ciencia de Datos @ NIH

- NLM sera el *epicentro de ciencias de datos de NIH*
- Directora de NLM es Directora para Ciencias de Datos de NIH
- El proposito de ciencias de datos es **acelerar el descubrimiento**
 - Que datos coleccionar? Todas las fotos de mis niños o un conjunto selecto en un album?
 - Asi como NLM determina que literatura seleccionar, necesitara determinar que datos coleccionar y preservar



Ciencia de Datos @ NIH

Siguiendo principios “**FAIR**”

Findable,
Accessible,
Interoperable,
Reusable

To use **data science**
to foster an
open digital ecosystem
that will accelerate
efficient, cost-effective
biomedical **research**
*to enhance health, lengthen
life, and reduce illness and
disability*

¿Preguntas?

Stacey Arnesen y Victor Cid

Disaster Information Management Research Center (DIMRC)

National Library of Medicine (NLM)

National Institutes of Health (NIH)