



National Resource and Information Center on Children and Disasters

Potential Role for the National Library of Medicine's Disaster Information Management Research Center

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March 14, 2011

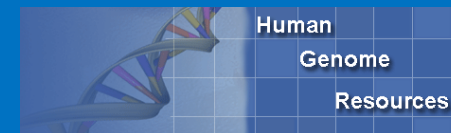


U.S. National Library of Medicine

Mission

Collect, organize, and disseminate biomedical information

- **World's largest bio-medical library**
 - 9 million items in collection
- **Services: PubMed, MedlinePlus and many others**
 - 900 million searches of PubMed done each year!
 - Articles from 5,200 journals indexed monthly
 - Selection criteria used to ensure quality & accuracy
- **Research and Development**
 - Biomedical informatics and communications
- **New focus: Disaster information**





NLM Long-Range Plan 2006-2016

■ NLM will :

- Be a partner in Federal disaster preparedness and recovery
- Demonstrate how medical libraries can provide critical disaster information services
- Ensure access to health information and effective use of libraries/librarians in disasters
- Establish a Disaster Information Management Research Center



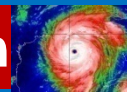
Why is NLM involved in Disaster Preparedness and Response

- Mandated in Long Range Plan
- Recognized experts in:
 - Communications
 - Connectivity
 - New computer technologies (social media, mobile apps)
 - Information collection, management, dissemination
- Central Portal for:
 - Disaster health/medical information
 - Responder tools and resources
 - R&D to improve response
 - Resources tailored to needs of different audiences
 - Network of libraries and disaster info. specialists



DIMRC OBJECTIVES

Improving access to the nation's disaster information

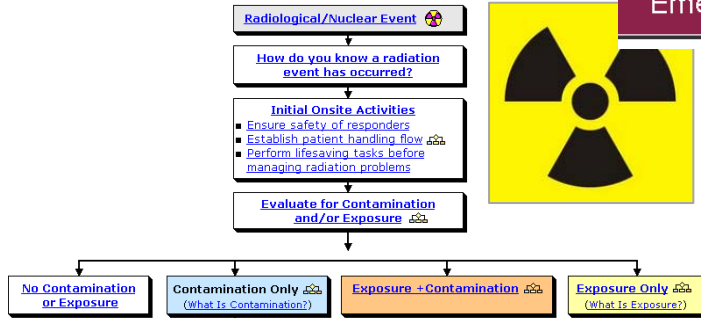


- Maintain library operations
 - Stafford Act
 - revised in 2011 to include libraries for temporary relocation in times of disaster
 - Emergency Access Initiative
 - Free access to numerous books and journals in time of disaster (partnership between NLM and publishers)
- Provide integrated access to disaster health information
- Create information & tools for emergency/disaster personnel
- Develop Partnerships
- Research and Development



National Library of Medicine's Disaster Information Management Research Center

Emergency Access Initiative



- Management Modifiers**
- Burns
 - Trauma
 - Mass casualty
 - Timing of surgery
 - Blood products use
 - Specific populations



Identify Tools Help

Symptom Category: Cardiovascular

Options:

- arrhythmia - 159
- bradycardia - 103
- tachycardia - 145
- hypertension - 63
- hypotension/shock - 155
- hypoxia/cyanosis - 182

Selected Symptoms:

- irregular breathing
- chest pain

U.S. Department of Health & Human Services
Disaster Information Management Research Center
 www.hhs.gov

Disasters

- Disaster Health Info Tools
- Disaster Health Literature
- Librarians & Disasters
- NLM Disaster Info Research
- Collaborations & Partnerships
- Directory of Organizations
- TOXNET

In the Spotlight

- Resource 1 - Lorem ipsum...
- Resource 2 - Et suavitate...
- Resource 3 - Civibus...

New Resources

- Public Health Preparedness of Health Providers Meeting the Needs of Diverse, Rural Communities
- More...

New in PubMed

- In situ biomonitoring of juvenile Chinook salmon (Oncorhynchus tshawytscha) using biomarkers of chemical exposures and effects in...

Search DIMRC Web Pages

ALERT!!

Disaster Medicine and Public Health Literature

Stay Connected

About DIMRC

CHEMM
 CHEMICAL HAZARD EMERGENCY MEDICAL MANAGEMENT

First Responder First Receiver Trainer Planner

What kind of Emergency?

- Initial Event Activities
- Patient Management
- Management Modifiers
- Toxins and Carcinogens
- Plan & Prepare
- Learning

Get the Latest CHEMM

- Download CHEMM
- Download Public CHEMM
- Join CHEMM Listserv
- What's new on CHEMM?

In the Spotlight

- CHEMM 101: CHEMM Intelligent Surveillance Tool
- Adult care medical management guidelines
- Emergency contact

Other Resources

- ATISOR
- ESDA
- CDIC
- HAAS
- Chemfinder
- MSDA
- SHS
- NSC
- ESD
- NSC
- ESPA
- Power Centers

Resource Guide for Public Health Preparedness

Home Search New Resources About the Resource Guide Help/FAQ

The Resource Guide for Public Health Preparedness is a gateway to freely available online resources related to public health preparedness. Resources include expert guidelines, factsheets, websites, research reports, articles, and other tools aimed at the public health community. All resources are cataloged and may be searched by keyword or browsed by topic.

Using all of the words Advanced Search

New Resources About the Resource Guide

National Library of Medicine
 New York Academy of Medicine

PubMed.gov
 U.S. National Library of Medicine
 National Institutes of Health

Integrated Access to the Disaster Information

NCBI **PubMed** A service of the U.S. National Library of Medicine and the National Institutes of Health
www.pubmed.gov

All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC

Search PubMed for **jam j disaster med OR "disasters"[journal] OR "Disa:** Go Clear Save

Limits Preview/Index History Clipboard Details

Display Summary

All: 1777

Items 1 - 20 of

1: **Webbink D.**
The effect of disasters. 2007. PMID: 18433

2: **Schultz J.S.**
Corruption in disasters. 2007. PMID: 18433

3: **Zahran S.B.**
Social vulnerability in disasters. 2007. PMID: 18433

4: **Kaplowitz L.**
Regional health disaster preparedness. 2007. PMID: 18388

5: **Armstrong J.**

Resource Guide for Public Health Preparedness

Lessons Learned Information Sharing LLIIS.gov

Sharing Information...Enhancing Preparedness

Membership Login

Username:

Password:

< Login >

Register for LLIIS.gov

Membership Information

HOME

ABOUT LLIIS.gov

Document Library Member Collaborator

LLIIS.gov contains a comprehensive library of homeland security and emergency management documents, including:

- After-Action Reports
- LLIIS.gov Original Research
- State and Local Plans
- DHS Guidance

Log in to access the Document Library

**** NHTSA

Contact Us

Home News Education NEMSAC Workforce EMS System FICEMS Federal Agencies Preparedness NEMIS

Updated Field Triage Guidelines: CDC Gets the Word Out

CDC-funded research shows that the risk of death for a severely injured person is 25 percent lower if the patient receives care at a Level 1 trauma center. Of course, not every patient needs to be triaged to a Level 1 trauma center. Sometimes taking a less severely injured patient to the closest hospital is the life-saving decision.

In fact, taking every patient to a Level 1 or 2 trauma center would quickly overburden those facilities and negatively impact patient care. So getting field triage right is all about getting the right patient to the right facility at the right time.

Field triage decisions made by our nation's

About NHTSA EMS

Our Mission Overview & History "Star of Life" Manual New Publications EMS FAQs

EMT Update Newsletter National EMS News Special Features Pandemic News

Subscribe to EMS Update



Hospital Guidelines for Pediatrics in Disasters

2nd Edition December 2006

Created by:
Centers for Bioterrorism Preparedness Program
Pediatric Task Force
NYC DOHMH Pediatric Disaster Advisory Group
NYC DOHMH Bioterrorism Hospital Preparedness Program

NYC Health

HSDL HOMELAND SECURITY DIGITAL LIBRARY

FirstResponder.gov Homeland Security

Learning Resource Center **FEMA**

Search OPAC LRC Policies & Info Online Resources Search Tips Contact Us

Responder Knowledge Base

Products FEMA Preparedness Grants & AEL Other Grants SEL & Integrated Display

Home | About the HSDL | Partners | Ask a Librarian

SEARCH THE HSDL | Advanced | Help

term in any field

Homeland Security Digital Library

Securing the Homeland through the Power of Information

The Homeland Security Digital Library (HSDL) is the nation's premier collection of open-source resources related to homeland security policy, strategy and organizational management. It supports local, state, tribal and federal analysis and decision-making needs and assists academics of all disciplines in homeland defense and security related research.

More about the HSDL ...

LOGIN TO THE HSDL

* EMAIL

Search

Calendar

R-Tech Newsletter

Departments and Agencies

Equipment

Grants

Library

Maps

Preparedness and Training

Social Networking

Top 10 Sites

Contact Us

National Threat Advisory: ELEVATED

Request

2009 FLU INFORMATION

- FHS
- Fire
- Law Enforcement
- Search and Rescue
- Emergency Management
- Explosives
- Hazmats
- Search
- Calendar
- R-Tech Newsletter
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FirstResponder.gov's MISSION is to provide a portal that enables Federal, State, Local, and Tribal First Responders to easily access and leverage federal web services, information on resources, products, standards, testing and evaluation, and best practices, in a collaborative environment.

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Request

Responder Knowledge Base

Products FEMA Preparedness Grants & AEL Other Grants SEL & Integrated Display

Recommend the RKB

To recommend the RKB to a friend or colleague, log in and access the Responder Knowledge Base page.

RKB Mission

"Provide emergency responders, purchasers, and planners with a trusted, integrated, online source of information on products, standards, certifications, grants, and other equipment-related information."

Products

- Personal Protective Equipment
- Operational and UGAR Equipment
- Information Technology
- Communications
- Decontamination
- Medical

Welcome to the Responder Knowledge Base

2010 Integrated Training Summit being held May 12-16

2010 Integrated Medical, Public Health, Preparedness and Response Training Summit, which is sponsored by the U.S. Department of Health and Human Services (HHS), is being held May 12-16 in Nashville, TN. This training summit brings together HHS partners including the National Disaster Medical System (NDMS), the Office of the Civilian Volunteer Medical Reserve Corps (OCVMRC), the Emergency System for Advance Registration of Volunteer Health Professionals (ESAR-VHP), and the Office of Force Readiness and Deployment (OFRD). According to the official integrated Training Summit website: "The vision for the 2010 Integrated Medical, Public Health, Preparedness and Response Training Summit is...

FY 2010 National Training Conference on Responding to Crime Victims with Disabilities

The Department of Justice - Office of Victims of Crime is seeking applications to provide funding for the FY 2010 National Training Conference on Responding to Crime Victims with Disabilities. The program furthers the Department's mission by...

RKB Recommends

- SAVER
- Decontamination Efficacy Matrix
- RHS SAT Tech Solutions
- Frequently Asked Questions

Events Calendar

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Disaster Information Management Tools for Mass Casualty Incidents



Digital Pen for Mass Casualty Triage

Version: 23 SEPT 2009
Bethesda Hospitals Emergency Preparedness Partnership
MASS CASUALTY TRIAGE FORM

Initial Triage Category: RED Immediate YELLOW Delayed GREEN Minor GRAY Holding BLACK Expired

Decontamination: YES UNKNOWN N/A

Suburban

Chief Complaint: _____

Time	HR	LO, S/P	RR	BP	Temp.
	%	%	%	%	%
	%	%	%	%	%
	%	%	%	%	%
	%	%	%	%	%
	%	%	%	%	%

History: _____

Mechanism of Injury: Blunt Penetrating trauma Blast trauma Chemical Other: _____

Initial Assessment

RESPIRATORY: AIRWAY: Patent Obstructed Occluded
 RATE/DEPTH: Normal Other: _____
 BREATH SOUNDS: Normal Other: _____
 RESP EFFORT: Efforted Effortless Absent

CARDIOVASCULAR: HEART SOUNDS: Normal Other: _____
 EXAM: Normal Other: _____

NEUROLOGICAL: CONSCIOUSNESS: Normal Other: _____
 ORBITAL NERVES: Normal Other: _____

ABDOMEN: BOWEL SOUNDS: Present Absent Other: _____
 EXAM: Normal Other: _____

BACK/NECK: C-SPINE: Normal Other: _____
 EXAM: Normal Other: _____

EXTREMITIES: EXAM: Normal Other: _____

Family Reunification – Lost Person Finder app and Web site

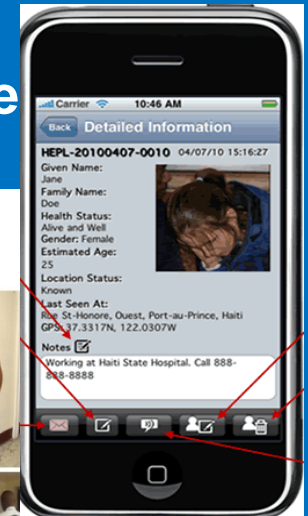
Haitian Earthquake People Locator
A beta project of the U.S. National Library of Medicine

19 matches from 5833 total records

Search: Search Clear Pause Play

Missing Found Alive and Well Injured Deceased

Name/Subject: Brad Pitt and Angelina Jolie / and Well
Reported at: 2010-01-25 23:50:00 **ID:** LPFF-139



In cooperation with the Bethesda Hospitals' Emergency Preparedness Partnership (BHEPP)

Resource /Information Center

Example- AIDSinfo

- Collaboration among multiple federal agencies
- NLM maintains info center on behalf of partners
 - Access and availability
 - Web site, mobile devices
 - English and Spanish versions
 - Call center, online help
 - Current awareness via social media (Facebook, Twitter)
 - Resources
 - official US government treatment guidelines
 - clinical trials
 - drug information
 - links to additional resources, education/training tools

AIDSinfo andSIDA
A Service of the U.S. Department of Health and Human Services

Offering information on HIV/AIDS Treatment, Prevention, and Research

Live Help | Subscribe to Listserv | Español | Site Map

Search: _____

E-mail: 1-800-HIV-0440 (1-800-448-0440)

Guidelines | Drugs | Clinical Trials | Vaccines | Health Topics | More AIDSinfo

GUIDELINES UPDATES

Guidelines for the treatment of HIV/AIDS, reviewed and updated by experts in the field:

- Treatment / Prevention
- About the HIV Treatment Guidelines
- Download / Order

DRUGS

Fact sheets on HIV/AIDS-related drugs:

- Search the Drug Database
- FDA-Approved Drugs
- Investigational Drugs

CLINICAL TRIALS

Find research studies on drugs, vaccines, and other new or existing treatments for HIV/AIDS:

- Search for Clinical Trials
- New HIV/AIDS Trials

VACCINES

Information on preventative and therapeutic HIV vaccine research:

- Preventive HIV Vaccines
- Therapeutic HIV Vaccines
- Search for Vaccine Trials

HEALTH TOPICS

Find resources on HIV/AIDS-related topics:

- Resources
- Fact Sheets
- Microbicides

MORE AIDSINFO

More useful AIDSinfo features:

- RSS Feeds
- Live Help
- Order Publications
- HIV/AIDS Glossary
- Translation Tool

What's New on AIDSinfo

Follow us on [Twitter](#) | [AIDSinfo HIV Glossary iPhone App](#)

Highlights

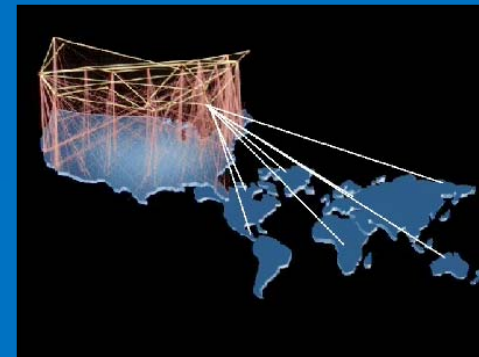
- NIH Study Examines Best Time for Healthy HIV-Infected People to Begin Antiretrovirals - March 7, 2011
- Safety: Review update of Abacavir: no statistically significant association seen between myocardial infarction and ABC - March 1, 2011
- Diagnosis of HIV Infection and AIDS in the United States and Dependent areas, 2009 - February 25, 2011
- More...

Features

- Add AIDSinfo to Your Website
- Homework Help
- At-a-Glance Archive

Other examples

- Email, phone service for NLM
 - Thousands of email/phone calls per month
- National Network of Libraries of Medicine
 - Nearly 6,000 libraries across the country
- Disaster Information Specialists
 - Librarian and other information specialists assisting disaster/emergency personnel with information needs
 - Disaster information outreach listserv – over 500 members
- WISER listserv – over 35,000 members worldwide
- Information Sharing via social media



Information and Resource Center for Children and Disasters

- Regional resources to meet local needs
 - Easy access to assets in different parts of the country
 - Identification of resources to assist those in need
 - What is available, What is needed, Where is it (GIS)
 - Some information may be on a “need to know” basis
- Expert analysis and synthesis of available information to meet client needs
- Education/training
- Coordination with local, state, and national organizations and agencies
- Develop resources tailored for needs of children and the needs of specific audiences



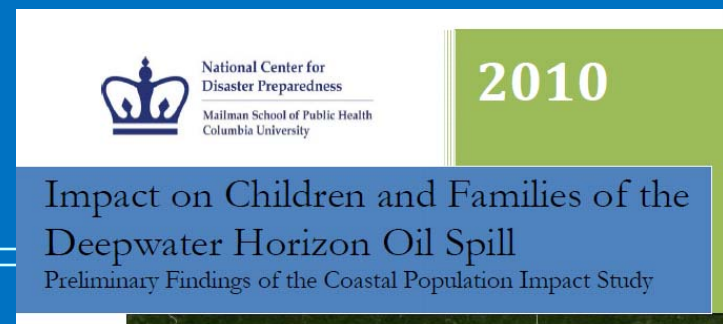
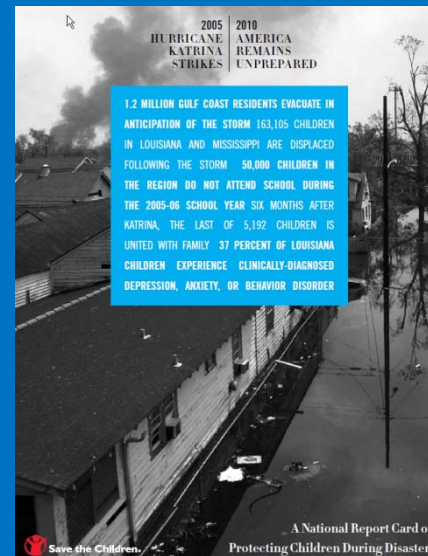
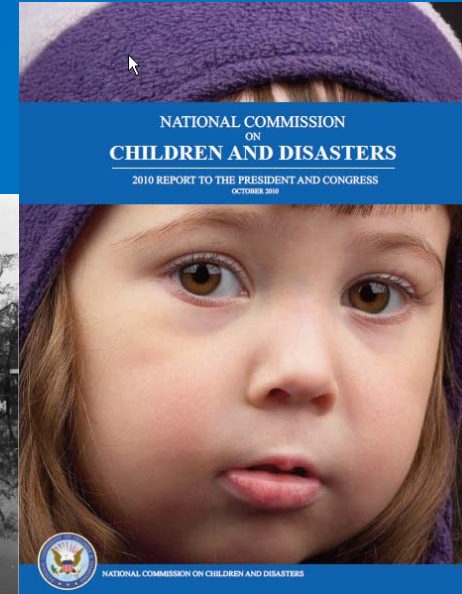
Information and Resource Center for Children and Disasters

■ Major issues

- Health/medical including mental health
- Housing/shelter
- Education/child care
- Social issues, juvenile justice
- Family reunification
- More....

■ Staff

- Subject matter experts
- Information professionals
 - Librarians, Public Info Officers, etc
- IT specialists



Questions?

Thank You



Databases

- PubMed/MEDLINE
- MeSH
- UMLS
- ClinicalTrials.gov
- MedlinePlus
- TOXNET
- Images from the History of Medicine
- LocatorPlus
- All NLM Databases



Hanaoka Seishu's Influential *Surgical Casebook*

See illustrations of Japanese cancer patients treated by the pioneering surgeon Hanaoka Seishu in the early 19th century.



Find, Read, Learn

- Search biomedical literature
- Find medical terminologies
- Search NLM collections
- Read about diseases
- Learn about drugs
- Explore history
- Find a clinical trial
- Use a medical dictionary
- Find free full-text articles

Explore NLM

- About NLM
- Health Information
- Library Catalog & Services
- History of Medicine
- Online Exhibitions & Digital Projects
- Information for Publishers

Research at NLM

- Human Genome Resources
- Biomedical Research & Informatics
- Environmental Health & Toxicology
- Health Services Research & Public Health
- Health Information Technology

NLM for You

- Grants & Funding
- Training & Outreach
- Network of Medical Libraries
- Regional Activities
- Visit the Library
- Jobs at NLM

News & Events

- Drug naming standard for electronic health records enhanced (03/09/11)
- NLM Invites Applications to Train Biomedical Informatics Researchers (03/03/11)
- The National Library of Medicine's Video Contest: "NLM & You: The Video" (02/28/11)
- "Public Health Film Goes to War" Showcases Rare WWII Movies (02/28/11)



For Online Searchers



Connect with NLM



Recovery Act



Podcasts



NLM Tools & Widgets

