Disaster Medicine and Public Health Preparedness

An Official Publication of the American Medical Association

www.dmphp.org

March 2011



IN THIS ISSUE

Survival Interval in Earthquake Entrapments: Findings from Haiti
Tracking Deaths Related to Hurricane Ike, Texas, 2008

Prenatal Radiation Exposure

Fear, Familiarity, and the Perception of Risk



Disaster Medicine and Public Health Preparedness

March 2011 Vol 5/No 1

Review Article

Survival Interval in Earthquake Entrapments: Research Findings Reinforced During the 2010 Haiti Earthquake Response Anthony G. Macintyre, Joseph A. Barbera, Bruno P. Petinaux

Original Research

- Tracking Deaths Related to Hurricane Ike, Texas, 2008
 David F. Zane, Tesfaye M. Bayleyegn, John Hellsten, Ryan Beal, Crystal Beasley, Tracy Haywood, Dana Wiltz-Beckham, Amy F. Wolkin
- Assessment of the Efficacy of the First Water System for Emergency Hospital Use
 Sharon C. Long, Jeremy Olstadt
- 37 Usefulness of Syndromic Data Sources for Investigating Morbidity Resulting From a Severe Weather Event Atar Baer, Yevgeniy Elbert, Howard S. Burkom, Rekha Holtry, Joseph S. Lombardo, Jeffrey S. Duchin
- Fear, Familiarity, and the Perception of Risk:
 A Quantitative Analysis of Disaster-Specific Concerns of Paramedics
 Erin C. Smith, Frederick M. Burkle Jr, Frank L. Archer

Special Focus

- Facilitating Hospital Emergency Preparedness: Introduction of a Model Memorandum of Understanding James G. Hodge Jr. Evan D. Anderson, Thomas D. Kirsch, Gabor D. Kelen
- 62 Prenatal Radiation Exposure: Background Material for Counseling Pregnant Patients Following Exposure to Radiation Elizabeth H. Donnelly, James M. Smith, Eduardo B. Farfán, Ibrahim Ozcan

Concepts in Disaster Medicine

Supporting Evidence-based Health Care in Crises: What Information Do Humanitarian Organizations Need? Tari Turner, Sally Green, Claire Harris

James Zazzali, Dickson Diamond, Barbara Cienfuegos, Sandra Shields

Prioritizing "Psychological" Consequences for Disaster Preparedness and Response: A Framework for Addressing the Emotional, Behavioral, and Cognitive Effects of Patient Surge in Large-Scale Disasters
Lisa S. Meredith, David P. Eisenman, Terri Tanielian, Stephanie L. Taylor, Ricardo Basurto-Davila,

Departments

7 ON THE COVER

Collapsed Structure Medicine, Haiti, 2010 Anthony G. Macintyre

9 LETTERS TO THE EDITOR

Health Care Workers and Swine Flu Viroj Wiwanitkit Santos Replies Cynthia Santos

10 EDITORIAL

From the Editor-in-Chief James J. James

81 COMMENTARY

The Institute of Medicine's Forum on Medical and Public Health Preparedness for Catastrophic Events: Regional Workshop Series on the 2009 H1N1 Influenza Vaccination Campaign Clare Stroud, Bruce Altevogt, Jay C. Butler, Jeffrey S. Duchin