

Speakers and Abstract Titles in Program Order
ORAL PRESENTATIONS

Floods In Venezuela
Dr. Jean Luc Poncelet

Thursday, 28 September, 2000

**Theme 1. Disaster Coordination and
Management**

Chairs: Dr. Erik Auf der Heide & Dr. Jean Luc Poncelet

**How Well-Prepared Are U.S. Hospitals for
Chemical Emergencies, Disasters, and Terrorism?**

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The [U.S.] President's Commission on Critical Infrastructure Protection concluded that emergency responders are inadequately trained and equipped to deal with terrorism. A similar conclusion was reached in a National Academy of Sciences report by the Committee on Research and Development Needs for Improving Civilian Medical Response to Chemical and Biological Terrorism Incidents. However, little empirical data was presented to support these assertions.

This presentation reviews the empirical literature on hospital preparedness for casualties from hazardous substance incidents. Indices of preparedness included the availability of: 1) a hazmat plan; 2) hazmat training; 3) personal protective equipment; 4) decontamination facilities; and 5) antidotes. Overall, the evidence does not document an adequate level of preparedness by U.S. hospitals. Given the inability to handle even one casualty of a chemical emergency, one must conclude that readiness for disasters and terrorism also is inadequate. Studies also are needed to assess the readiness of health departments, fire departments, prehospital emergency medical services, disaster management offices, and law enforcement agencies.

Keywords: decontamination; emergency, chemical; hazardous materials (hazmat); hospitals; planning; preparedness; training; United States