



TRACIE

HEALTHCARE EMERGENCY PREPAREDNESS
INFORMATION GATEWAY

Resource Management
Topic Collection
6/1/2015

Topic Collection: Resource Management

As funds and other types of resources for disaster preparedness and response are reprogrammed or scarce by their very nature, emergency healthcare providers must learn to allocate their materials as wisely as possible. Resource management involves the logistics, inventory management, and tracking of these resources. The resources in this Topic Collection include reports and formularies that can assist providers with this effort.

This ASPR TRACIE Topic Collection is in development and will be comprehensively reviewed in the fall of 2015. 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.

Association for Healthcare Resource and Materials Management, the Health Industry Distributors Association, and the Health Industry Group Purchasing Association. (n.d.). [Medical Surgical Supply Formulary by Disaster Scenario](#).

These formularies were created based on input derived from healthcare system and hospital representatives and can be tailored to suit facility or jurisdictional needs.

Hick, J., Hanfling, D., and Cantrill, S. (2011). [Allocating Scarce Resources in Disasters: Emergency Department Principles](#). *Annals of Emergency Medicine*. 59:177-187.

The authors conducted a review on disaster literature in order to provide emergency physicians with a framework of principles on which medical interventions provided may be adjusted according to demand and the resources available. They emphasize that different incidents call for different responses (conventional, contingency, and crisis), making preparation and a solid understanding of the framework essential to making informed decisions during an event.

Timbie, J., Ringel, J., Fox, D., et al. (2012). [Allocation of Scarce Resources During Mass Casualty Events](#). Agency for Healthcare Research and Quality.

The authors of this report identified the best evidence-based strategies for allocating scarce resources during mass casualty events (MCEs). The following questions are addressed in the report: (1) What strategies are available to policymakers to optimize the allocation of scarce resources during MCEs? (2) What strategies are available to providers to optimize the allocation of scarce resources during MCEs? (3) What are the public's key perceptions and concerns regarding the implementation of strategies to allocate scarce resources during MCEs? (4) What methods are available to engage providers in discussions regarding the development and implementation of strategies to allocate scarce resources during MCEs?