Hospital Preparedness Program in Chicago

February 16, 2011

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Presentation Outline

• Hospital Preparedness Program [HPP] Overview and History
• Public Health Preparedness and HPP
• HPP Priority Levels of Program Capabilities
• Next Steps
Mission

The current mission of the HPP is “to ready hospitals and other healthcare system partners through enhanced surge capacity, capability, and in collaboration with other partners, to deliver coordinated and effective care to victims of terrorism and other public health emergencies, and improve community preparedness and resiliency”
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HPP Overview and History

• Initiated in 2002 as part of Health Resources and Services Administration [HRSA] in HHS
• In 2006, moved to the Office of the Assistant Secretary for Preparedness and Response [ASPR] in DHHS
• Chicago one of 62 funded jurisdictions and one of four cities (others are NYC, Washington, DC and Los Angeles County)
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Public Health Preparedness and HPP

• HPP focuses directly on hospital and healthcare system preparedness
• $3.8 million in current grant year; over 75% directly supports healthcare preparedness
• Part of the CDPH Bureau of Public Health Preparedness and Emergency Response
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HPP Priority Levels of Program Capabilities

• Overarching Capabilities
• Level One Sub-Capabilities
• Level Two Sub-Capabilities
Overarching Capabilities

National Incident Management System [NIMS]

Needs of At-Risk Populations

- Pediatrics
- Psychosocial
- Special Populations

Education and Preparedness Training
Exercises, Evaluation and Corrective Actions
Overarching Capabilities - Key Examples

• At Risk Populations- *Pediatric Scarce Resources Critical Care and Transport Summit*

• At Risk Populations- Long term Care Evacuation Planning

• Education and Training- *Hospital and Health Facility Emergency Exercise Guide “HSEEP for Hospitals”*

• Exercises- Exercising by module
Level One Sub-Capabilities

• Partnership/Coalition Development
• Interoperable Communication Systems
• National Hospital Available Beds for Emergencies and Disasters [HAvBED]
• Emergency System for Advance Registration of Volunteer Health Professionals [ESAR-VHP]
• Fatality Management
• Medical Evacuation/Shelter in Place
Level One Sub-Capabilities

- Partnership/Coalition Development
- Interoperable Communication Systems
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Partnership/Coalition Development

- Chicago Healthcare System Coalition for Preparedness and Response
- Also known as CHSCPR (CHSCPR@cdph.org), The Coalition”
- Prepared written Emergency Operations Plan for Coalition partners
Partnership/Coalition Development Participants

• 38 Hospitals: full-service, specialty, and VA in GY10
• 125 Long Term Care Facilities
• Medical Examiner of Cook County
• Chicago Fire Department/EMS
• American Red Cross
• Other not-for-profit organizations (CHUG, PPERS)
• Illinois Department of Public Health
• Metropolitan Chicago Healthcare Council
• Illinois Primary Healthcare Association
Level One Sub-Capabilities

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Interoperable Communications Systems

Communications (Voice)

• Approach
  – Consistency through standardization of Protocol and Devices
  – Operability and Interoperability (Chicago – Metropolitan Statistical Area – State)
  – Capacity
  – Backup and Redundancy
Interoperable Communications Systems

Telephony & Radio

- Land-line Services, with various carriers
- Mobile Cellular, with various carriers
- Voice Over Internet Protocol/VOIP, to be adopted
- Satellite Phone Services, fixed and portable
- UHF (400 MHz)
- State STARCOM21 (800 MHz)
- Amateur Radio/HAM
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HAvBED

- “Hospital Bed Tracking”
- Statewide system
- Chicago is Region 11
- Advocate IL Masonic is Regional Hospital Coordinating Center/RHCC or “POD Hospital”
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ESAR-VHP for Illinois is *Illinois Helps*

- *Illinois Helps*, the ESAR-VHP system for the State of Illinois and Chicago
- Allows interested health care professionals to provide contact information, capabilities & credentials
- Used in the event of major public health or medical emergency when healthcare volunteers are needed
ESAR-VHP = *Illinois Helps*

- CDPH & IDPH contracted with the Metropolitan Chicago Healthcare Council to administer and manage the State of Illinois ESAR-VHP program, *Illinois Helps*
- The City of Chicago has over 600 registered in *Illinois Helps*, as of January 31, 2011
Register with *Illinois Helps*

- Online registration is available for general volunteers and members of emergency response teams (e.g., local health departments, Medical Reserve Corps, Hospital employees)
- [www.illinoishelps.net](http://www.illinoishelps.net)
Medical Reserve Corps

- The Medical Reserve Corps was founded after President Bush’s 2002 State of the Union Address
  - All Americans to volunteer in support of their country
  - Partner program with Citizen Corps
Medical Reserve Corps

• MRC volunteers can choose to support communities in need nationwide
• Assist American Red Cross, FEMA
• Currently the Chicago MRC has over 400 volunteers
• Chicago MRC recent volunteer efforts include blood pressure screening and H1N1 response
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Fatality Management

• “FATMAN”

• Plans written to support the capability of caring for deceased victims that exceed hospital morgue capacity

• In coordination with the Cook County Medical Examiner
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• Medical Evacuation/Shelter-in-Place
Medical Evacuation/Shelter-in-Place

- Essential Elements Document Developed
- Special Populations Evacuation Supplies purchased (Wee-Vacs, Bariatric Evacuation Slides etc)
- Integrated with other special populations plan (i.e. NICU Evacuation plans)
- The “Oxygen Bus”
The Oxygen Bus
Level Two Sub-Capabilities

- Alternate Care Sites
- Mobile Medical Assets
- Pharmaceutical Caches
- Personal Protective Equipment/PPE
- Decontamination
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Next Steps

• Year two of a three year grant cycle
• Expand participation of and preparedness for Primary Health Care Centers
• Expand participation of and preparedness for Long Term Care Facilities
• Work to enhance and support planning and response in the healthcare system and with Public Health Preparedness/ PHEP
“Having a written, detailed disaster plan is not the same as being prepared”

Nager, AL and Khanna, K *Journal of Trauma* August 2009
Comments/Suggestions?