

NYC Pediatric Disaster Preparedness

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Why Pediatric Preparedness?

- Children's needs require unique consideration
- Children's needs have been under represented during planning¹
- Children comprise ~25% of NYC population²
- **All NYC hospitals need to plan for children in disasters**

¹ National Center for Disaster Preparedness, Pediatric Preparedness for Disasters and Terrorism: A National Consensus Conference, 2005.

² 2000 NYC Census

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Healthcare Emergency Preparedness Program

- 63 Hospitals
- 400 Primary Care Clinics
- Providers
- 83 EMS (non-FDNY) companies
- Long Term and Adult Care Facilities
- NYC Office of Chief Medical Examiners
- Hospital Labs
- Poison Control Centers
- Visiting Nurse Association
- Hospital Emergency Resource Database (HERDS)

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NYC Pediatric Resources

- Pediatric Specific Resources
- Staffed Pediatric ICU Beds 234
- Staffed Pediatric Med/Surgical Beds 1129
- Staffed NICU Beds 796
- Total NYC Hospitals with Pediatric Services 43
- NYC Hospitals with PICU beds 26
- Designated Pediatric Trauma Centers 2
- NYC Hospitals without Pediatric Beds 20
- Pediatric Capable Ventilators (n=45) 1276

NYC Pediatric Resource and Emergency Response Project Initiative (PREP-I) 2007
NYC Ventilator Capacity Survey 2006

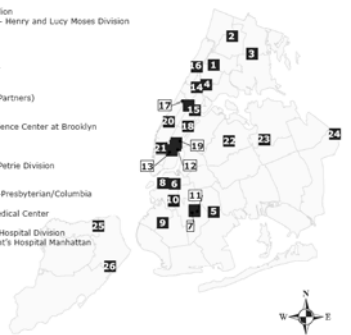
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New York City Pediatric Intensive Care Unit Hospitals

26 PICU Hospitals

- The City of New York
Department of Health and Mental Hygiene
- Bronx**
1. Bronx Lebanon Hospital Center - Concourse Pavilion
 2. Children's Hospital at Montefiore Medical Center - Henry and Lucy Moses Division
 3. Jacobi Medical Center (HHC)
 4. Lincoln Medical and Mental Health Center (HHC)
- Brooklyn**
5. Brookdale University Hospital and Medical Center
 6. Brooklyn Hospital Center Downtown Campus
 7. Kings County Hospital Center (HHC)
 8. Long Island College Hospital (Continuum Health Partners)
 9. Maimonides Medical Center
 10. New York Methodist Hospital
 11. University Hospital of Brooklyn/SUNY Health Science Center at Brooklyn
- Manhattan**
12. Bellevue Hospital Center (HHC)
 13. Beth Israel Medical Center - Milton and Carroll Petrie Division
 14. Harlem Hospital Center (HHC)
 15. Metropolitan Hospital Center (HHC)
 16. Morgan Stanley Children's Hospital of New York-Presbyterian/Columbia
 17. Mount Sinai Hospital (Mount Sinai NYU Health)
 18. New York Presbyterian Hospital/Weill-Cornell Medical Center
 19. NYU Hospitals Center - Tisch Hospital
 20. St. Luke's/Roosevelt Hospital Center/Roosevelt Hospital Division
 21. Saint Vincent Catholic Medical Center/St. Vincent's Hospital Manhattan
- Queens**
22. Elmhurst Hospital Center (HHC)
 23. New York Hospital Medical Center of Queens
 24. Schneider Children's Hospital
- Staten Island**
25. Richmond University Medical Center
 26. Staten Island University Hospital - North



NYC Pediatric Preparedness Projects

- CBPP Pediatric Task Force - Created 2004 - completed work 2007
- Pediatric Disaster Advisory Group - Created 2005
- Children in Disasters: Hospital Guidelines for Pediatric Preparedness - First Ed. 2006; Second Ed. 2007; Third Ed. 2008
- Pediatric Preparedness Web Site - Launched April 28, 2006
- Pediatric Tabletop Toolkit - Available on-line since 2008
- Pediatric Response and Emergency Resource Initiative (PREP-I) - Began July 2006 through June 2008
- NYC Pediatric Resource Directory - First Ed. 2008; Updated 2009
- NYC Pediatric Disaster Coalition - Began 2008 - to continue through 2011

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CBPP Pediatric Task Force

- NY Center for Bioterrorism/Mass Casualty Preparedness and Planning
- Central Brooklyn Center for Bioterrorism Preparedness and Planning
- Tasked with developing and refining useful tools for hospitals pediatric planning


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Pediatric Disaster Advisory Group

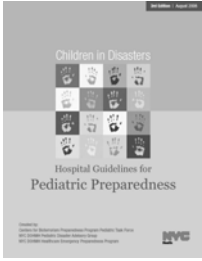
- Expert Advisory Group to the NYC DOHMH
- Assist DOHMH and city on planning for pediatric population in disasters
- Concentrating on the special needs of children and their families during disasters
- Meets on an as needed basis
- Reviewed and commented on Pediatric Disaster Toolkit

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Children in Disasters

- Created for all hospitals, especially those without pediatric resources
- Available at on line at: www.nyc.gov/html/doh/html/bhpp/bhpp-focus-ped-toolkit.shtml




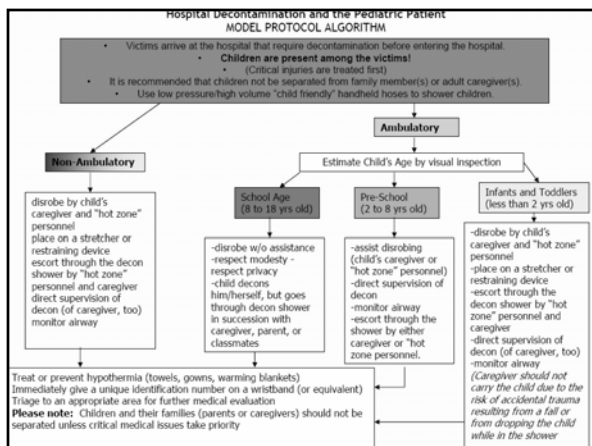
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Guideline Chapters

- Security
- Dietary
- Surge Considerations
- Equipment
- Transportation
- Staffing
- Decontamination
- Pharmacy
- Psychosocial Considerations/Legal Concerns
- Infection Control
- Pediatric Triage
- Family Information Center


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Pediatric Tabletop Exercise Kit

- Created by the Center for Pediatric Emergency Medicine
- Scenario involves a blast at a nearby school
- Piloted in four hospitals
- Kit to includes instructions for planning, staging, evaluating exercise, plus PowerPoint of scenario
- Available on-line at <http://www.nyc.gov/html/doh/html/bhpp/bhpp-focus-ped.shtml#2>

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PREP-I

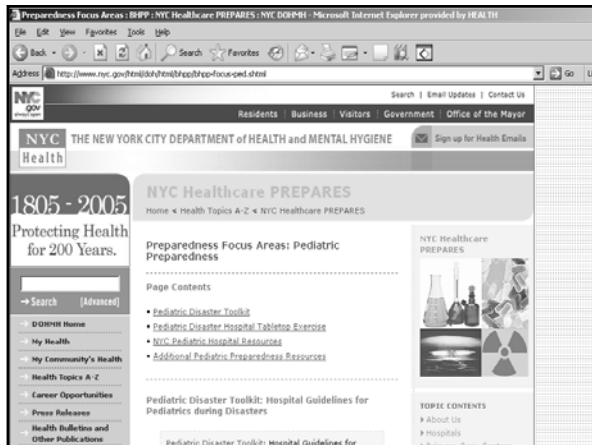
- Pediatric Resources and Emergency Preparedness Initiative
- Two year project to assess the hospital pediatric resources and level of emergency preparedness
- Create a NYC Pediatric Resource Directory
- PICU Directory now available on-line at: www.nyc.gov/html/doh/downloads/pdf/bhpp/hepp-peds-ic-directory.pdf

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PREP-I


- Survey and site visits of all NYC PICU hospitals (n=26)
- Survey of all NYC hospitals without PICUs (n=15)
 - Assessed current PICU and ped med/surge capacity
 - Inter-hospital transport capacity and process for receiving hospitals
 - Assessed pediatric trauma and non-surgical expertise
 - Current status of pediatric surge planning
- Goals
 - Identify gaps in inter-hospital transport/equipment
 - Identify surge capacity planning

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NYC Healthcare PREPARES

- HEPP web site launched 4/28/06
- Access Pediatric Preparedness through www.nyc.gov/health/bhpp then click on Preparedness Focus Areas, then Pediatric Preparedness or directly <http://www.nyc.gov/html/doh/html/bhpp/bhpp-focus-ped.shtml>

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NYC Pediatric Disaster Coalition

- Working group of 9 NYC Pediatric Hospitals
- Led by Schneider Children's Hospital
- Charged with the following focus areas:
 - Improving city-wide coordination for pediatric disaster triage and transport
 - Pediatric Intensive Care Surge Capacity Planning
 - Novel Influenza A (H1N1) Pediatric Planning and Advising
 - Providing Trainings "Fundamentals of Pediatric Critical Care"

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Questions?

- Kate Uraneck, MD kuraneck@health.nyc.gov



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