Role of Regional Healthcare Coalitions in IND Response – What Happens Around the Beltway?

Dan Hanfling, MD
Inova Health System

Institute of Medicine Workshop
Washington, DC
January 24, 2013
<table>
<thead>
<tr>
<th>Hospitals</th>
<th>Power</th>
<th>Blast Damage</th>
<th>Fallout zone @ 1hr</th>
<th>Operating Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>George Washington University Hospital</td>
<td>No</td>
<td>High</td>
<td>Hot zone</td>
<td></td>
</tr>
<tr>
<td>Howard University Hospital</td>
<td>No</td>
<td>Moderate</td>
<td>DFZ</td>
<td></td>
</tr>
<tr>
<td>Children’s National Medical Center</td>
<td>No</td>
<td>Light-Moderate</td>
<td>DFZ</td>
<td></td>
</tr>
<tr>
<td>Washington Hospital Center</td>
<td>No</td>
<td>Light</td>
<td>DFZ</td>
<td></td>
</tr>
<tr>
<td>Georgetown University Hospital</td>
<td>No</td>
<td>Light-Moderate</td>
<td>Cold zone</td>
<td></td>
</tr>
<tr>
<td>Veterans Affairs Medical Center</td>
<td>No</td>
<td>Light</td>
<td>DFZ</td>
<td></td>
</tr>
<tr>
<td>National Rehabilitation Hospital</td>
<td>No</td>
<td>Light</td>
<td>DFZ</td>
<td></td>
</tr>
<tr>
<td>Providence Hospital</td>
<td>No</td>
<td>Light</td>
<td>Hot Zone</td>
<td></td>
</tr>
<tr>
<td>HSC Pediatric Center</td>
<td>No</td>
<td>Light</td>
<td>Hot/DFZ</td>
<td></td>
</tr>
<tr>
<td>Walter Reed Army Medical</td>
<td>Yes</td>
<td>None</td>
<td>Cold zone</td>
<td></td>
</tr>
<tr>
<td>The Specialty Hospital of Washington</td>
<td>No</td>
<td>Light</td>
<td>Cold zone</td>
<td></td>
</tr>
<tr>
<td>Psychiatric Institute of Washington</td>
<td>No</td>
<td>Light</td>
<td>Cold zone</td>
<td></td>
</tr>
<tr>
<td>Sibley Memorial Hospital</td>
<td>Yes</td>
<td>Minimal</td>
<td>Cold zone</td>
<td></td>
</tr>
<tr>
<td>Saint Elizabeth’s Hospital</td>
<td>Yes</td>
<td>Minimal</td>
<td>Cold zone</td>
<td></td>
</tr>
<tr>
<td>United Medical Center</td>
<td>Yes</td>
<td>None</td>
<td>Cold zone</td>
<td></td>
</tr>
<tr>
<td>Hadley Memorial Hospital</td>
<td>Yes</td>
<td>None</td>
<td>Cold zone</td>
<td></td>
</tr>
</tbody>
</table>

DFZ, dangerous fallout zone with > 10 R/hr; Hot zone with 0.01 to 10 R/hr; Cold zone with < 0.01 R/hr.
NVHA

- 14 Hospitals
- 6 Free Standing EDs
- 2.5 million residents
- 3,000 square miles

DC EHC

- 7 acute care hospitals
- 40 SNFs and CHCs
- 632,000 residents
- 68 square miles

Maryland MIEMSS Region V

- 13 hospitals
- 1 Free Standing ED
- 1.86 million residents
- 973 square miles

US Census, 2011
City / Counties in NVHA Region

- Alexandria City
- Arlington County
- Caroline County
- Fairfax County
- Fairfax City
- Falls Church City
- Fauquier County
- Fredericksburg City
- King George County
- Loudoun County
- Manassas City
- Manassas Park City
- Prince William County
- Spotsylvania County
- Stafford County
Table 1. NCR Healthcare Coalition Communications Network

<table>
<thead>
<tr>
<th>COALITION</th>
<th>OPERATIONAL COORDINATION CENTER</th>
<th>COMMUNICATIONS CAPABILITIES</th>
<th>ON-CALL</th>
<th>LINKAGES</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCEHC (regional)</td>
<td>Coalition Notification Center (CNC)</td>
<td>Hospital Mutual Aid Radio System (HMARS); Health Information System</td>
<td>Duty Officer</td>
<td>Coordinates with DC Dept. of Health, DC Fire/EMS, Emergency Management (EOC)</td>
</tr>
<tr>
<td>NVHA (regional)</td>
<td>Regional Hospital Coordination Center (RHCC)</td>
<td>MEDCOMM Radio Network; Virginia Healthcare Alerting and Status System (VHASS)</td>
<td>Incident Commander and Operations Chief</td>
<td>Coordinates with Virginia Dept. of Health Communications Centers, Local jurisdictional emergency management (EOCs)</td>
</tr>
<tr>
<td>MIEMSS (state)</td>
<td>Emergency Medical Resource Center (EMRC)</td>
<td>Radio and Microwave linkages; HC Standard platform</td>
<td>Field Operations Support Team</td>
<td>Coordinates with EMS, Hospitals, 911 centers, Maryland Joint Operations Center (MJOC) Serves as contact point for CNC and RHCC</td>
</tr>
</tbody>
</table>

Note: An HMARS Radio unit and antennae is located and monitored at both Inova Fairfax Hospital Medical Campus and the Northern Virginia RHCC, ensuring additional redundancy to the communications networks which link the three DC regional healthcare coalitions.
Northern Virginia Emergency Response Coalition

- Liason with Government Officials
  - Legislators
  - US Postal Service
  - US Department of State
- Local Public Health Department
- State/Federal Public Health Agencies
  - VDH
  - CDC
- 12 Regional Hospitals
- Fire/EMS
- Medical Community
- Local Emergency Management
- Local Law Enforcement

September 18, 2002    Disaster Readiness Alliance
Planning Guidance for the Health System Response to a Bioevent in the National Capital Region

September 2001

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COALITION AGAINST DUCK SHOOTING
THE APATHY COALITION

JOIN US. OR DONT. WHATEVER.
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<tr>
<td>Judgment by Healthcare Coordinating Center leadership that notification of the other NCR Coordinating Centers (VA -- RHCC, MD -- EMRC, DC -- CNC) is warranted.</td>
</tr>
<tr>
<td>A single, mass casualty event that involves 40 or more patients that will require transportation to specialty hospitals (pediatrics, trauma) throughout the NCR and/or where hospitals outside of the host jurisdiction will receive patients.</td>
</tr>
<tr>
<td>A single HAZMAT event involving 30 or more patients that will/may require decontamination.</td>
</tr>
<tr>
<td>An event involving a suspected or confirmed Category A biological agent.</td>
</tr>
<tr>
<td>A Fire/EMS agency has activated a Mass Casualty Unit, Task Force or equivalent, for an event occurring in the NCR.</td>
</tr>
<tr>
<td>An agency or healthcare facility has accessed and/or requested a CHEMPACK or MMRS pharmaceutical cache.</td>
</tr>
</tbody>
</table>

Healthcare Coalition Functions, Challenges

• **Regional Planning/Collaboration**
  
  “TALK IS CHEAP”

  - Establish SA across regional boundaries
  - Coordinate strategic and tactical health/medical response

• **Surge Response**

  - Transition to Contingency and Crisis surge response efforts
  - Palliation
Implementation of CSC
HOW TO DIE

What I Learned from the Last Days of My Mom and Dad

By Joe Klein
Healthcare Coalition
Functions, Challenges -- DECON
Healthcare Coalition
Functions, Challenges--DETECT
Healthcare Coalition
Functions, Challenges--COMMS
Healthcare Coalition
Functions, Challenges – DEAD
Dan Hanfling, MD
Special Advisor, Emergency Preparedness and Response
Inova Health System
(o) 703.776.3002
dan.hanfling@inova.org