



ASPR

Exploring Medical and Public Health Preparedness for a Nuclear Incident

Kevin Yeskey, M.D.

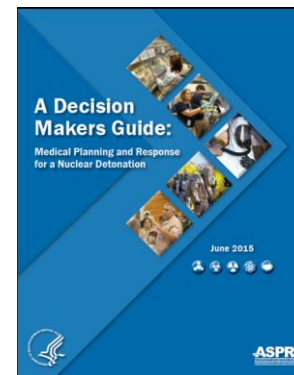
Principal Deputy Assistant Secretary

ASPR

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Over a Decade of Progress

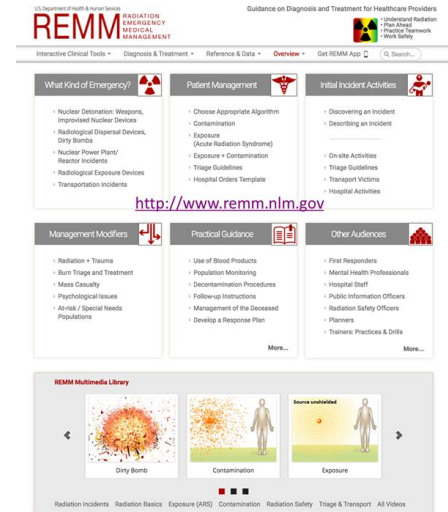
- Operational Guidance
 - Radiologic and nuclear events: contingency planning for hematologists/oncologists
 - ✓ Blood 2008 D. Weinstock
 - Radiation Triage, Treatment, and Transport
 - ✓ Prehospital and Disaster Medicine 2009 C. Hrdina
 - Medical Response to a Radiologic/Nuclear Event: Integrated Plan From the Office of the Assistant Secretary for Preparedness and Response, Department of Health and Human Services
 - ✓ Annals of Emergency Medicine 2007 CN Coleman
 - Scarce Resources for Nuclear Detonation: Project Overview and Challenges
 - ✓ Disaster Medicine and Public Health Preparedness 2013 CN Coleman
 - The RTR Medical Response System for Nuclear and Radiologic Mass-Casualty Incidents: A Functional Triage-Treatment-Transport Medical Response System
 - ✓ Prehospital and Disaster Medicine 2012 C Hrdina
 - Health Care System Planning for and Response to a Nuclear Detonation
 - ✓ Disaster Medicine and Public Health 2013 J Hick
 - Allocation of Scarce Resources After a Nuclear Detonation: Setting the Context
 - ✓ Disaster Medicine and Public Health 2013 Knebel
 - A Decision Makers Guide: Medical Planning and Response for a Nuclear Detonation
 - ✓ HHS/ASPR Koerner 2015
 - State and Local Planners Playbook for Medical Response tp a Nuclear Detonation
 - ✓ HHS/ASPR www.phe.gov 2010



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Clinical Guidance

- Radiation Emergency Medical Management (REMM)
 - Patient Management Guidelines
- Available from the National Library of Medicine
 - www.remm.nlm.gov



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Stockpiled Medical Countermeasures

- Rad/Nuc MCMs
- Burn MCMs
 - Current
 - Phase 3 late stage development (not currently in stockpile):
- Innovation: biodosimetry, innovative treatment pathways

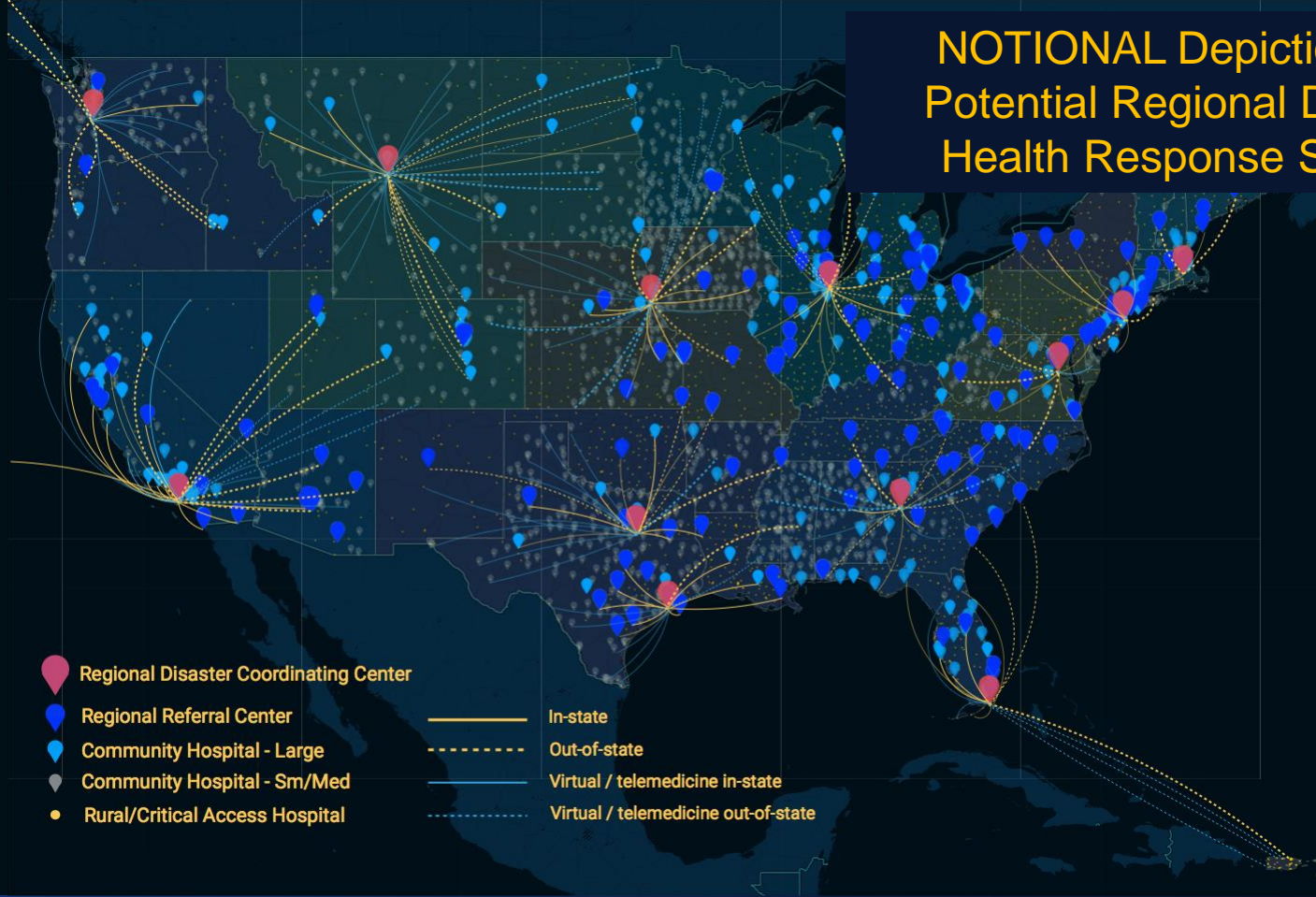
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Interagency Activities

- CDC
- FDA
 - EUAs
 - Regulatory agency throughout the development lifecycle
 - Stockpile Extension Program
 - Food safety
 - ✓ Food Emergency Response Network – Radiological lead
 - Critical Infrastructure Facility status during disasters

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NOTIONAL Depiction of a Potential Regional Disaster Health Response System



- Regional Disaster Coordinating Center
- Regional Referral Center
- Community Hospital - Large
- Community Hospital - Sm/Med
- Rural/Critical Access Hospital
- In-state
- Out-of-state
- Virtual / telemedicine in-state
- Virtual / telemedicine out-of-state