

# Strategic National Stockpile: Response Resources for a Nuclear Incident



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**Office of Public Health Preparedness and Response**  
**Division of Strategic National Stockpile**

## **SNS Background**

- ❑ Program created in 1999**
- ❑ Organizational transition from CDC to ASPR on Oct 1, 2018**
- ❑ \$7 billion portfolio of antibiotics, medical supplies, antidotes, antitoxins, antiviral, vaccines and other pharmaceuticals**
- ❑ Network of strategically located repositories**
- ❑ Commercial partnerships for storage, maintenance, and rapid transport**
- ❑ Collaborations with supply chain partners**

# SNS Countermeasures Relevant for an IND Scenario

## □ Items for radiation injury

- Cytokines
  - Neupogen, Neulasta, Leukine
- Nausea medications
  - Ondansetron
- Pain medications
  - Morphine, Oxycodone
- Antibiotics
  - Levofloxacin, amoxicillin
- Antivirals
  - Acyclovir
- Antifungals
  - Voriconazole

# SNS Countermeasures Relevant for an IND Scenario

- ❑ **Pharmaceuticals and medical supplies for burn and blast**
  - Electrolyte replacement
    - Normal saline (NS)
  - Wound care
    - Burn dressings, abdominal dressings (ABDs), conforming gauze, 4x4 gauze, silver impregnated and tubular dressings
    - Laceration repair kits, staplers, suture
    - Lidocaine with and without epinephrine
    - Bacitracin ointment

# SNS Countermeasures Relevant for an IND Scenario

- ❑ **Pharmaceuticals and medical supplies for burn and blast (con't)**
  - Eye care
    - Bacitracin and alcaine ophthalmic
    - Fluorescein dye strips
    - Morgan eye lens
  - Antimicrobials
    - Levofloxacin
  - Pain medications/sedatives
    - Morphine, oxycodone, diazepam, midazolam

# **Distribution and Dispensing of Medical Rad/Nuc Countermeasures**

- ❑ All states and large cities have developed all-hazards public health response plans**
- ❑ All plans have SNS annex addressing distribution and dispensing of medical materiel**
- ❑ All states have identified primary and secondary receipt, stage, and store (RSS) sites to receive SNS product**
- ❑ Commercial transport will be used to move SNS product to the RSS or alternate remote staging area**

## **Distribution and Dispensing of Medical Rad/Nuc Countermeasures (con't)**

- ❑ SNS delivery to RSS is anticipated to be <24 hour**
- ❑ State and local jurisdictions responsible for sub-distribution and dispensing**
- ❑ Due to uncertainty with regards to casualty distribution, and evacuation, initial materiel distributions will likely follow a “push” model**
- ❑ Challenge to all will be access to impacted area – What is safe?**
- ❑ Distribution strategies less mature than bio scenarios and compete for finite planning effort**

# Questions?

[www.cdc.gov/phpr/stockpile/stockpile.htm](http://www.cdc.gov/phpr/stockpile/stockpile.htm)



**For more information please contact Centers for Disease Control and Prevention  
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