Point of Dispensing: The Spectrum

Leah Matteson MS, RN, CNS

New York State Department of Health
Bioterrorism Epidemiology Program

lmm20@health.state.ny.us
518-486-2151
Point of Distribution Standard Operating Guide

- CD
- Compilation of Best Practices
- Uniformity of PODs across the State
- Counties and Healthcare Organizations
- Placed on Commerce System-HIN-SNS
- Ongoing Working Plan
- Able to individualize specific components
Point of Distribution Standard Operating Guide

- Guide
- Attachment List and Descriptions of Attachments
- Template Version 1 and 2
- Attachment 19-Medication Information
State POD

Purpose

1. Develop Capacity to Provide Prophylaxis to Critical Infrastructure Personnel
2. Provide support to LHDs and Healthcare Facilities
Dispensing – The Most Critical Action

What is a POD?

- It is a place to dispense prophylactic (disease preventing) medications or vaccines to large numbers of people as rapidly as possible.

- It is not a place for treating the ill!
Goal of Dispensing Program

- Provide medication to X population in Y time
- Decrease the pool of individuals who may get ill
- Provide Information
Phases of a Dispensing Program

- Phase 1
  - Notification and recall of critical infrastructure

- Phase 2
  - Prophylaxis of critical infrastructure and families

- Phase 3
  - Set up of POD network

- Phase 4
  - Public Notification and Opening of PODs
Issues to Consider When Designing Your Dispensing Campaign

- Time
- Population
- Staffing
- 48-hour goal
- Number of PODs and Uniformity of PODs
- Treatment Center Coordination
- Push and Pull Methods

The POD should be the foundation of your dispensing campaign.
Determining the Number of PODs

\[ TP \div (HPP-S) \div PPH = PODs \]

- TP = total population requiring prophylaxis
- HPP = the number of hours to provide prophylaxis
- S = the time required to set-up the clinic
- PPH = persons per hour
Assumptions with this Formula

- The PODs operate 24 hours a day
- The population is equally distributed
- The PODs perform at 100% capacity at all times
- A constant flow of people enter and leave
- Staffing is constant, trained and adequate
POD Site Selection

- Site selection
  - Walk-to accessibility by public
  - Under cover/out of weather
  - A/C and heat/AEDs
  - Adequate bathrooms, water, electricity
  - Ample parking
  - Served by mass transit
  - Geographically dispersed
POD Site Selection - 2

- Hours of Operations
  - Opening of all sites

- Security
  - Ensure that POD workers are aware of security concerns
  - Controllable entrance and exit sites

- Based on
  - Epidemiology of event
  - Population distribution
Pre-Event Policy Issues

- Adult pick-up for family members and information required for that
- Medication Receipt/Signature Authority/Prescribing Agent/Pediatric Care
- 24-hour phone number
- Data Collection
- Worried Well
- Family Movement
- Unaccompanied Minor
Pre-Event Policy Issues - 2

- Hours of Operation
- Prophylactic Regimen
- Who can dispense?
- Segmented vs. non-segmented
- MOU/MOA
- Critical Infrastructure
- Medication Caches for First Responders
Spectrum of Dispensing

- Cities Readiness Initiative (CRI)

- The goalposts have moved..... U.S. intelligence agencies assess that a large-scale aerosol release of anthrax is well within the technical capability of al-Qa’ida and other foreign or domestic terrorist organizations.
Time is Critical

Delay in Detection

Days

Hours

DURATION of Campaign

Shorter (1-2 Days) to Longer (4+ Days)

Fewer Lives Lost to More Lives Lost

Shorter (1-2 Days)

Longer (4+ Days)
Spectrum of Dispensing

- POD Network
- Pull to Sites
- Push to Sites
- Mobile Dispensing Sites
- Drive Through Sites
- Postal Option
People come to where the pills are
Taking the pills to where the people are
The “Weights” of Dispensing

- Labeling
- Clinical Accuracy
- Hours of Operations
- Screening/Triage
- Patient Education
- Legal Requirements
- Epidemiology
- Security
- Registration
- Length of Regimen
- Quality Control
- Medical Records
- Patient Tracking
- Staffing
- Parking
- Inventory Storage
- Mental Health
- Transportation
- IND
Balancing the Weights of Dispensing
Theory of Dispensing

D → W → P
POD Components/Stations

- Command & Control ICS - Remain at Command Center
- Greet - Provide Forms - Provide Education
- Triage - Fast Track - Green/Red
  - move families together!
- Medical Evaluation
- Dispensing/Pharmacy
- Exit/Form Collection
- Remember-Time and Efficiency!
Web Site References

- **SNS Version 10**  
  https://commerce.health.state.ny.us/hpn/hanweb/sns/sns.shtml

- **BERM**  
Spectrum of Dispensing

QUESTIONS / COMMENTS