

# Knox County Health Department's Public Health and Emergency Response Training

## **Part 3: Strategic National Stockpile**

# Strategic National Stockpile “SNS”

- SNS is a massive stockpile of pharmaceuticals, vaccines, medical supplies, equipment and other items to augment the local supplies of critical medical items
- In the event of a:
  - **Terrorist attack using a weapon of mass destruction (chemical, biological, or blast), or**
  - **Large scale natural disaster or technological accident**
- Assumption: State/local jurisdictions will rapidly deplete supplies of pharmaceuticals and other medical items, and will need federal assistance in procuring those needed items

# Strategic National Stockpile

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- Multiple “Push Packages” located strategically throughout the US (secret locations)
- A Push Pack can arrive anywhere in US in 12 hours or less
- Must be requested from CDC by State Government, with declared emergency
- Will arrive via Federal Express or United Parcel Service transport; may arrive on:
  - A wide body jet, or
  - Seven 48-foot tractor trailers (16-18 cargo containers in each)
- Weighs 50 tons
- Occupies 5000 square feet when offloaded

# SNS Containers



# SNS Push Package

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- Contains large quantities of more than 90 products
  - Medicines (adult, pediatric, IV, emergency, controlled substances, antidotes)
  - Medical supplies (IV sets, burn and blast supplies, fluids, items to establish and maintain airways)
  - Medical equipment (equipment to repackaging bulk oral antibiotics)

# Strategic National Stockpile

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- Push Pack would be followed within 24-36 hours by “Vendor Managed Inventory” (VMI)
  - Stored by major pharmaceutical vendors
  - Contains items necessary to deal with a specific threat
  - Addresses restocking issues

# Strategic National Stockpile

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- Contains enough resources to:
  - Protect 1 million people with full 60-day regimen against anthrax and treat 100,000 people who are symptomatic
  - Protect similar numbers of people against anthrax, tularemia and plague; and treat those with symptoms
- For more information on the SNS, go to <http://www.bt.cdc.gov/stockpile/>

# Knox County Health Department's Public Health and Emergency Response Training

## Part 4: Point of Dispensing Site and Job Functions

Overview Training (More In Depth, Just-In-Time Training Will Be Provided as Point of Dispensing Sites are Opened and Volunteers are Requested)

# Point of Dispensing Site (POD)

- Point of Dispensing Site Plan supports the creation of regional mass vaccination/dispensing sites to handle a large number of people in case of a bioterrorism attack or a Presidential order to vaccinate (smallpox or flu).
- Each local health jurisdiction has been charged with having such a plan in place.
- PODs are planned to be quickly set up, typically in school locations, to rapidly distribute needed vaccinations or medications (from the SNS) to the public.
  - Each POD plan is accompanied by a security plan, traffic control section, etc.
  - Transportation plans are in place for Collection Points to bus the public from “Park & Ride” areas to PODs.
    - Collection Point locations are required because there is not enough parking at the PODs for the public to drive straight there. Larger parking areas are needed. This also helps to control traffic and security at each POD.

# CDC GUIDELINES FOR PODs

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- Each POD will operate in 12-hour shifts for 48 hours.
- Each POD will be able to vaccinate/prophylaxis 50,000 people, totaling 400,000 people within 48 hours.
- Each POD will dispense 1,042 per hour.
- Each POD staffed by 100 people, a combination of public health staff and recruited volunteers.

# Knox County PODs

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- 8 PODs planned in Knox County
  - School sites
  - Transportation (Collection Points), parking, and security planned for all PODs
- Two 12 hour shifts per day planned
- Approximately 1,500 - 2,000 volunteers needed
- **Volunteers will receive treatment or vaccination first, along with their family members.**

# Personnel Administrative Center (PAC)

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- **Staff Accountability Section**

- All volunteers report directly to the Personnel Administrative Center (PAC) in the POD.

- Sign in

- Collect your name badge, vest, and/or other equipment.

- Check back out of the PAC any time you are going to leave the clinic and turn in your name badge and/or equipment.



# PAC Staff

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- Job Functions:
  - Works in conjunction with POD Administrator to ensure adequate staffing.
  - Works with POD Administrator to keep POD staff abreast of developing issues.
  - Responds to incoming phone calls for staff.
  - Ensures that adequate supplies of POD vests, badges, and pens are maintained.
  - Collects forms.

# Public Information Prior to Opening of PODS

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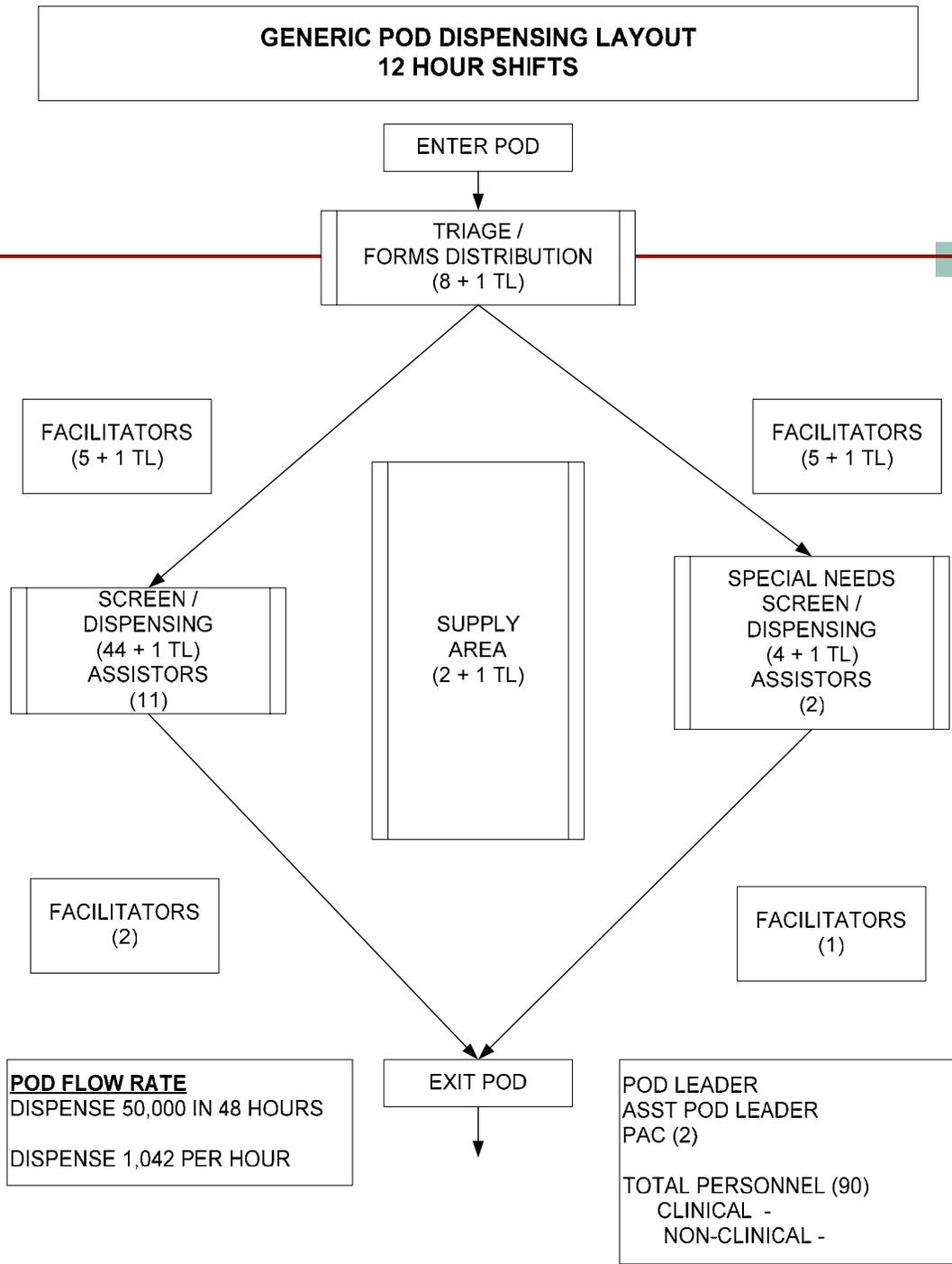
- Public Information regarding the disease in question will be provided through media outlets (TV, Newspaper, and Radio).
- Sick persons will be told to report to the hospital or their private MD; **they will not be able to receive treatment at a POD if they are already ill.**
  - PODS will only be offering prophylaxis, which helps to prevent exposed persons from becoming ill.
  - Persons already sick will require different treatment that cannot be provided in a POD.
- Individuals who are well, but were potentially exposed to the disease will be told to report to their nearest **Collection Point.**
  - Exposure Requirements will be clearly stated in the public information.
  - Exposure Information will include possible exposure dates, time, and location.

# Transportation/Collection Points

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- **All persons seeking vaccination/prophylaxis at a POD must go to a Collection Point, where they will board a bus and be transported to the nearest POD.**
- **Why not allow people to drive directly to the POD???**
  - None of the PODS have parking areas that can accommodate 1000+ cars at a time.
  - The POD locations are not set up to handle such a large volume of traffic.
  - Collection Points have larger parking areas that can accommodate the number of cars and traffic flow.
  - Transporting people by bus to the POD provides a much smoother POD operation.
  - Also access and security for the POD can be controlled.

# Generic Point of Dispensing Site Plan Showing Flow





# Hundreds of Volunteers are Needed to Staff the Following Stations in Each POD

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## ■ **MEDICAL:**

- Screening and Dispensing
- Team Leaders

## ■ **NONMEDICAL:**

- Team Leaders
- Triage/Forms Distribution
- Facilitators
- Vaccination/Prophylaxis Assistants
- Supply
- Security
- Transportation
- Administrative Support

# POD Station Overview

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## POD Flow:

- Triage/Forms Distribution
- Special Needs Screening & Dispensing Area
- Screening & Dispensing Area

## Support Functions:

1. Personnel Administration Center
2. Facilitators
3. Screening/Dispensing Assistants
4. Supply
5. Transportation

# Triage/Forms Distribution Station 1

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- Persons will leave the bus and immediately enter the Triage/Forms Distribution Station.
- Job Functions:
  - Determine if persons arriving have been exposed to the disease
  - Put together forms and information packets
  - Provide the potentially exposed persons with forms to review and/or complete while proceeding to the next station.
  - Direct individuals requiring special assistance to the Special Needs Screening and Dispensing area.
    - Individuals requiring special assistance will be asked through public information to bring someone to help them through the process. If they do have help, they do not need to be referred to the special needs screening and dispensing area.
    - Individuals requiring special assistance may include:
      - Those who do not speak English
      - Individuals with hearing, visual, and physical disabilities
      - Mentally handicapped persons

# Triage/Forms Distribution (Station 1)

**MOST IMPORTANT: BE BRIEF!!! TRIAGE IS NOT AN AREA FOR MEDICAL EVALUATION. IF YOU BELIEVE THE PERSON IS SICK, HAVE THEM SPEAK WITH THE TRIAGE/FORMS DISTRIBUTION SUPERVISOR.**

- Was the person exposed to the infectious disease/biological agent?
  - Location
  - Place
  - Time
  - If yes, provide them with forms to complete.
  - If no, have them exit the facility and return to the buses. **Be prepared to be firm. Persons who have not been exposed do not meet the criteria to receive treatment at the POD.**

# Special Needs

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- The Special Assistance area will address patients with physical or mental limitations and communications barriers.
- **Many volunteers, especially those who speak foreign languages, will be required to staff this station.**
- Job Functions:
  - Assist individuals in completing their forms.
  - Screen individuals using supplied flowcharts to determine appropriate medications.
  - Dispense medications.

# Medical Screening/Dispensing

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- At Medical Screening and Dispensing, medical volunteers will become familiarized with the disease in question through “just-in-time” training provided at the POD.
- Job Functions:
  - Review forms for basic contra-indications, which will be provided in the form of “cheat sheets”.
  - Determine appropriate medication to dispense using supplied flow charts.
  - Dispense medication or provide vaccination.

# Screening/Dispensing Assistants

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- Non-medical volunteers ensure that screening/dispensing areas remain stocked.
- Retrieve supplies from Supply Area.
- Return accumulated pens and clipboards to Triage/Forms Distribution Area.
- Deliver completed forms to the Personnel Administration Center.

# Facilitators

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- Direct and maintain POD traffic flow within the Screening/Dispensing Areas.
- Assist people in filling out their paperwork when needed.
- Direct people to next available Screening/Dispensing Station.
- Ensure that citizens leaving the POD have information packet.
- If vaccination is given, ensure citizens wait 20 minutes after their immunization and observe for allergic reactions.

# POD Support Functions

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- POD Administrators and Team Leaders  
(Knox County Health Department Staff)
- SNS Warehouse Staff
- Supply Team
- Transportation Team
- EMS
- Knoxville Resource Operations Center
- Emergency Operations Center

# Team Leaders

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- Each Section will have a Team Leader.
- Team Leaders ensure their section is set up and supplied.
- Request supplies from their section from the supply personnel.
- Address issues that arise in their section, consults with POD Administrator if needed.

# Supply

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- Assist in supplying the POD with medication and forms.
- Maintain inventory of medication or vaccine to be dispensed.
- Communicate with Team Leader when restocking will be required (Team Leader will request additional supplies from the POD Administrator).
- Responsible for maintaining temperature control for vaccine/medication storage.

# Transportation Team

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- Members of this team facilitate traffic flow arriving to and departing from the POD.
- Communicates with POD Administrator and Bus Staff.
- Directs citizens into the POD.



# Additional Support Function Information

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- EMS: Each POD will have an ambulance and crew available who can respond to those persons requiring immediate medical attention.
- SNS Warehouse Staff: Each POD will receive antibiotics or vaccine from the SNS Warehouse, which is managed by Pharmacists and volunteers.
- Knoxville Resource Operations Center (KROC): Each POD will maintain communications with the KROC which provides operations over entire Mass Vaccination/Dispensing Operation.
- Emergency Operations Center (EOC): The KROC will maintain communications with the EOC, ensuring collaboration with outside agencies such as law enforcement, emergency medical services, hospitals, etc.

# Reminder!!!



- This training is meant to serve as an overview of the possible job assignments within each POD.
- At this time, volunteers will be asked to initially report to a central location, where they will receive their POD assignment (notification of volunteers will be provided through media outlets or possibly a recall system using the contact information you provide).
- Once volunteers reach the POD, more detailed information will be provided as volunteers reach their assigned POD through “just-in-time” training.

# How Do People Who Can't Go To a POD Get Treatment???

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## ■ **Knox County Distribution Center**

- During times when PODs are required, a Distribution Center will be opened to provide antibiotics or vaccine to people who cannot go to a POD.
- Representatives from local hospitals, home health, assisted living, and nursing home agencies will report to the Distribution Center to pick up their antibiotics or vaccine for distribution to their staff and patients.
- Local First Responders (EMS, Fire, and Law Enforcement) will also receive their medication through the Distribution Center.

# Plans May Change!!!

- Depending on the situation, not all of the stations will always be in use at the POD; consequently, job assignments of volunteers cannot be provided prior to an event.

# Thank You!!!



*Thanks a bunch!*

c. 2004 Get Swell Cards

- We appreciate all you are doing to serve our community.
- Without volunteers like you, we wouldn't be able to accomplish our goals during a public health emergency.
- If we ever have to utilize volunteers, we will offer in-depth Just-In-Time training for your assigned duty station once you get to the POD.