

Strategic National Stockpile (SNS)

October 6, 2014

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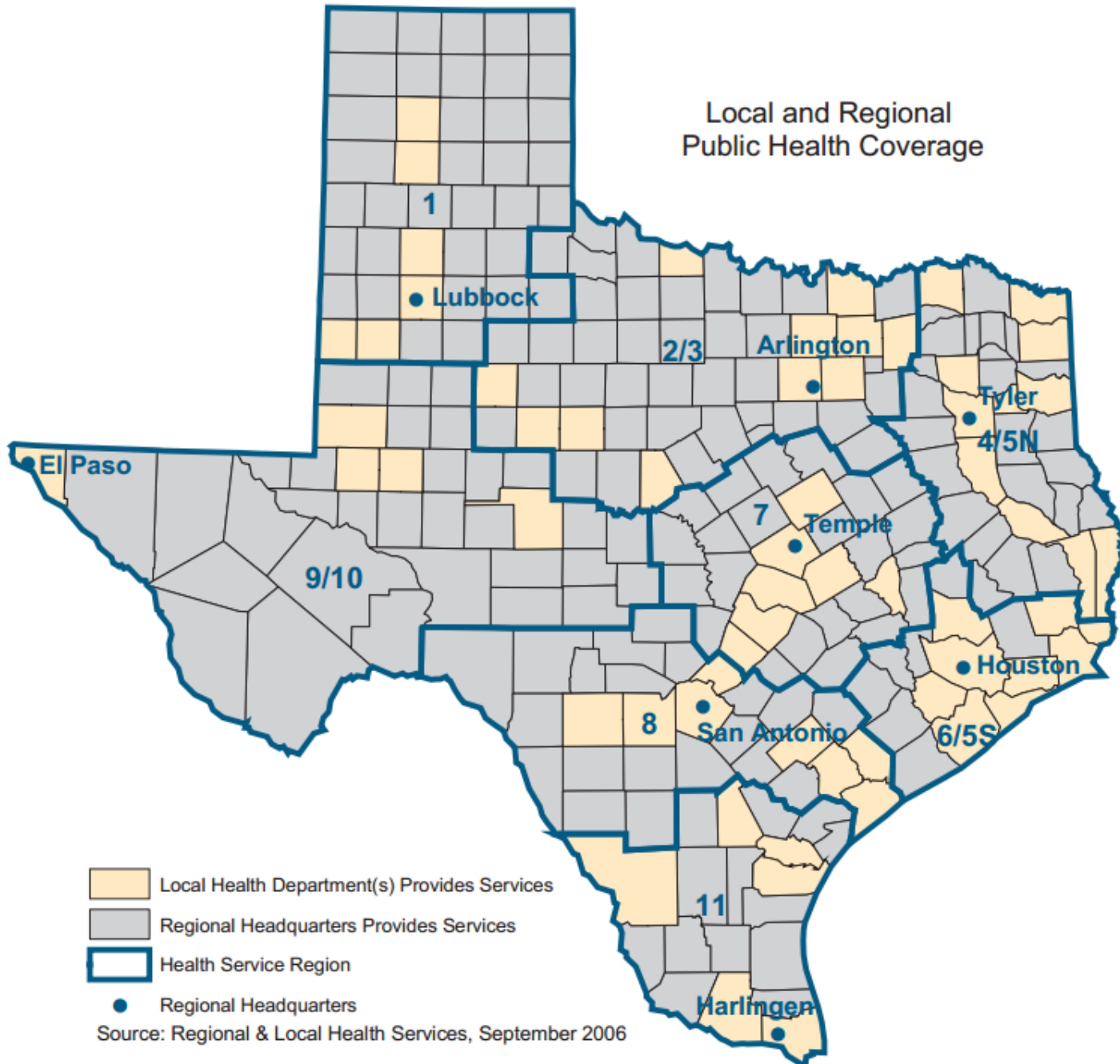
Overview

- **Regional Overview**
- **Explain the Strategic National Stockpile**
 - **Mission, Components, Uses**
- **State Responsibilities**
- **Discuss the role of Points of Dispensing (PODs) and Alternate Dispensing Models**
- **The Modified -Medical Model**
- **The Need for Volunteers**
- **Point of Dispensing Operations**
- **Question and Answers**

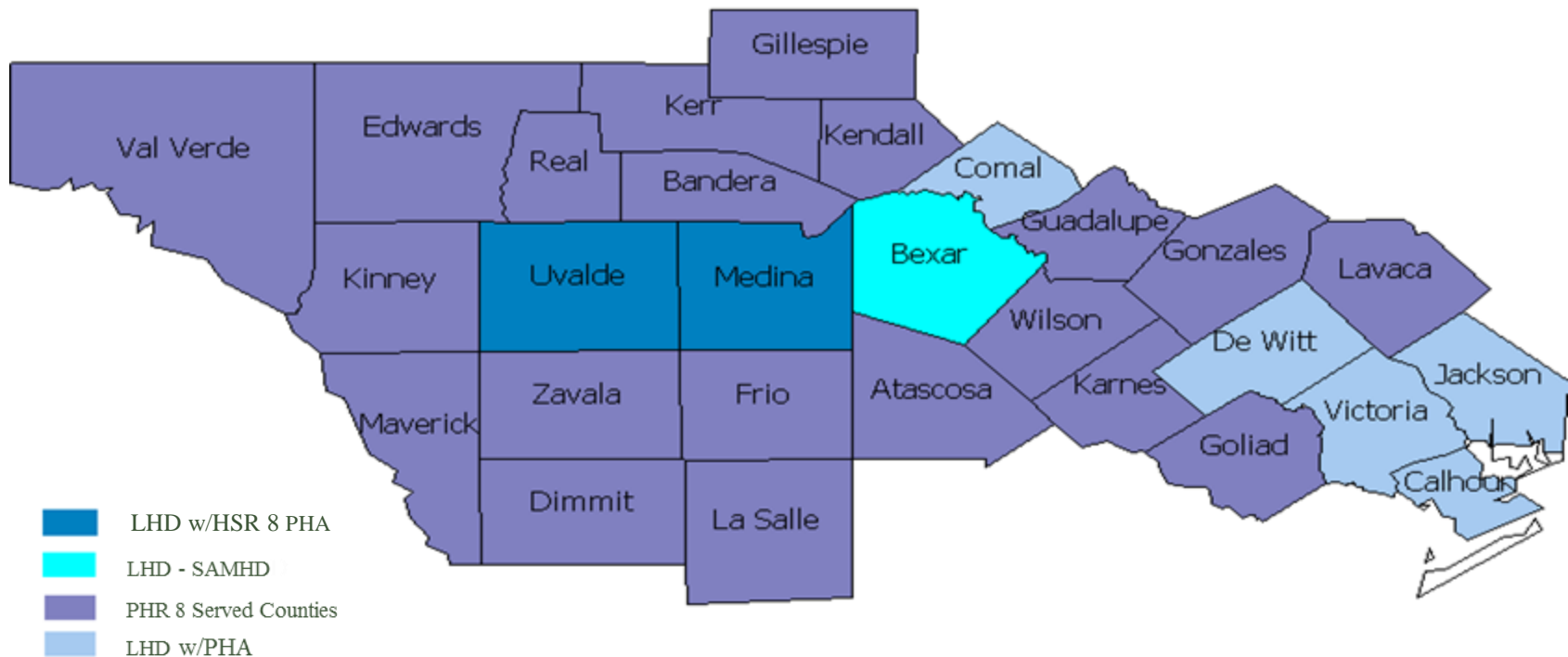
HSR 8 Overview

- **Texas Department of State Health Services**
 - **254 Counties & 8 Regions**
- **Region 8 Serves 28 counties**
 - **West from Rio Grand River/Mexico to Gulf Coast on the East**
- **Region population: 3 Million**
 - **1/2 residing in Bexar County**
- **Headquarters located in San Antonio sub-office in Uvalde and 13 field offices**

Local and Regional Public Health Coverage



Local Public Health Departments Region 8



Mission of the SNS

Get “Pills Into People” as fast as possible to prevent risk from exposure after an intentional release of a biological or chemical agent, or a natural bio-event.

What is the Strategic National Stockpile (SNS)?

A NATIONAL reserve owned by the U.S. Centers for Disease Control and Prevention (CDC)

Consists of massive repositories (or STOCKPILES) of medication and medical supplies

Repositories are STRATEGICally placed in confidential locations throughout the United States



SNS Response

DIVISION OF STRATEGIC NATIONAL STOCKPILE

CENTERS FOR DISEASE CONTROL AND PREVENTION

Getting Medical Countermeasures to the People

Strategic National Stockpile

- **SNS Requested When Incident is Severe Enough and Local Supplies Will Run Out**
- **Medicine in SNS is FREE to Everyone**
- **SNS is Stockpiled to Protect People in Several Large Cities at the Same Time**
- **Flexible Response**
- **Provide Rapid Delivery of a Broad Spectrum of Assets for an ill Defined Threat in the Early Hours of an Event**

Stockpile Components

- **12 Hour Push Package**
- **Managed Inventory**
- **Buying Power**

Strategic National Stockpile

- **Push Packages Strategically Located in Secure Warehouses Ready for Immediate Deployment**
- **Managed Inventory is housed in strategic warehouses by CDC. Supply is rotated and ready for deployment**
- **Managed Inventory Arrives 24-36 Hours; Makes Up 96-98% of SNS Assets; Threat is Well Defined**

12 Hr Push Package



- Treats 300,000 People
- 130 Cargo Containers
- 50 Tons
- Requires 15,000 Sq Ft of Floor Space
- Pre-configured For Rapid Distribution



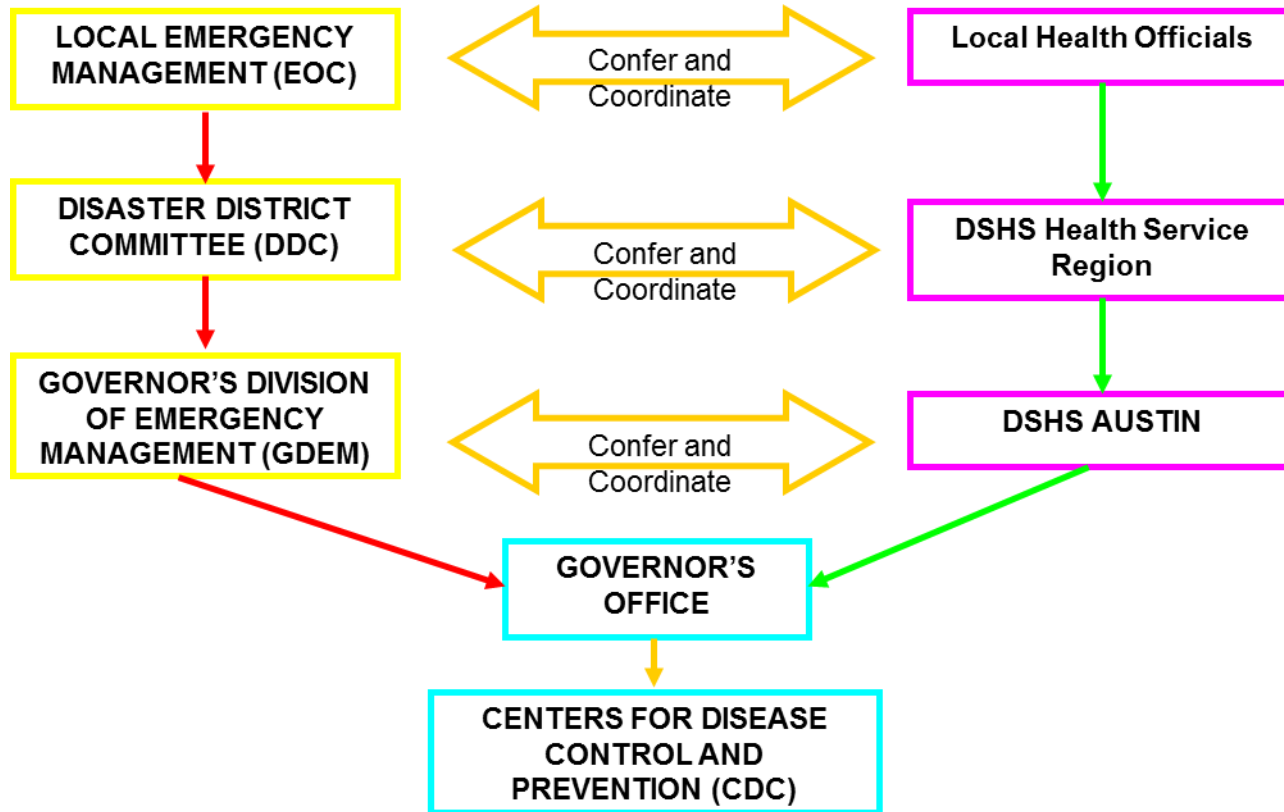
12 Hour Push-pack Contents

Oral Antibiotics	1-33
IV Supplies	35-101
Nerve Agent Antidotes	102-103
Airway supplies	105-130
Med/Surg Supplies (Clear)	34

January 2014

Department of State Health Services
Health Service Region 8

Request Process



Distribution Procedures

SNS Assets Deployed



- Operations
- Logistics



RSS Warehouse
(Receipt, Stage, and Store)



Dispensing Sites
PODs

Federal Level

State Level

Local Level

Goal

**To protect entire local population
(1.7M) within 48 hours***

*** Center for Disease Control requirement**

Preparedness Planning Partners

- **MOU's:**
 - Independent School Districts
 - Municipalities
 - Counties
 - Medical Society Societies
 - American Red Cross
 - Medical Volunteers Coordinating Committee
 - Medical Staffing Agencies
 - Federally Qualified Healthcare Facilities
 - Colleges and Universities/Medical Students
 - Regional Hospitals/Trauma Centers
 - Baptist Child and Family Services
 - Large Corporations



Concept of Operations & Continuity of Operations

Initiate prophylaxis immediately for staff and family members of:

- First Responders/Essential Personnel
- Critical Services (City, County, Federal)
- Utilities (CPS, SAWS)
- Volunteers

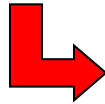


Concept of Operations

- **Initiate Dispensing Site Operations to Public**
- **Distribute Meds to Local Treatment and Nursing Facilities**
- **Distribute Meds to Large Employers**
- **RSS Direct Delivers Meds to Military Bases**
- **Deliver Meds to Local Confinement Facilities**

SNS 5 Ds

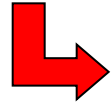
DETECT



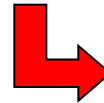
DECIDE



DISTRIBUTE



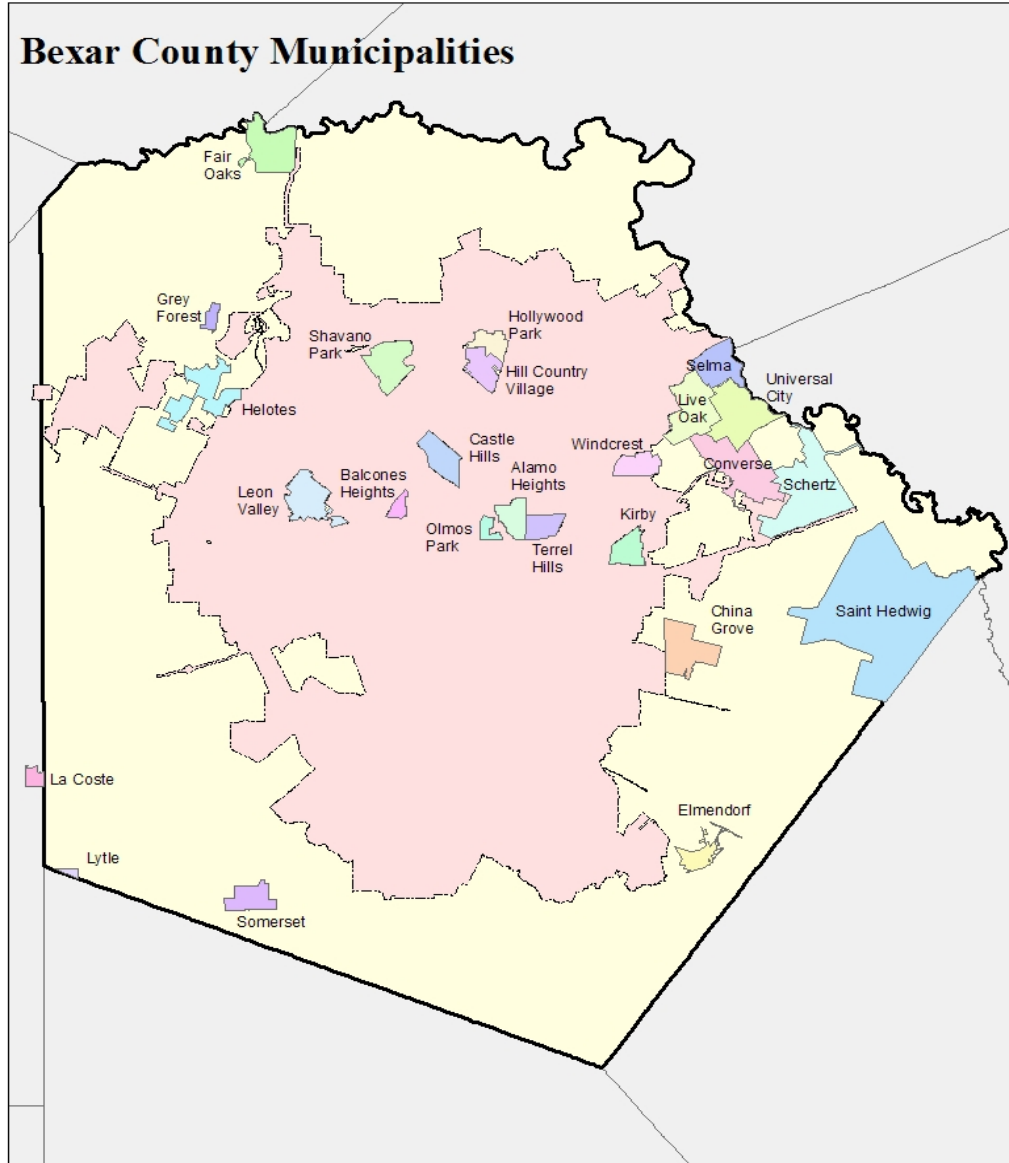
DISPENSE



DEMOBILIZE

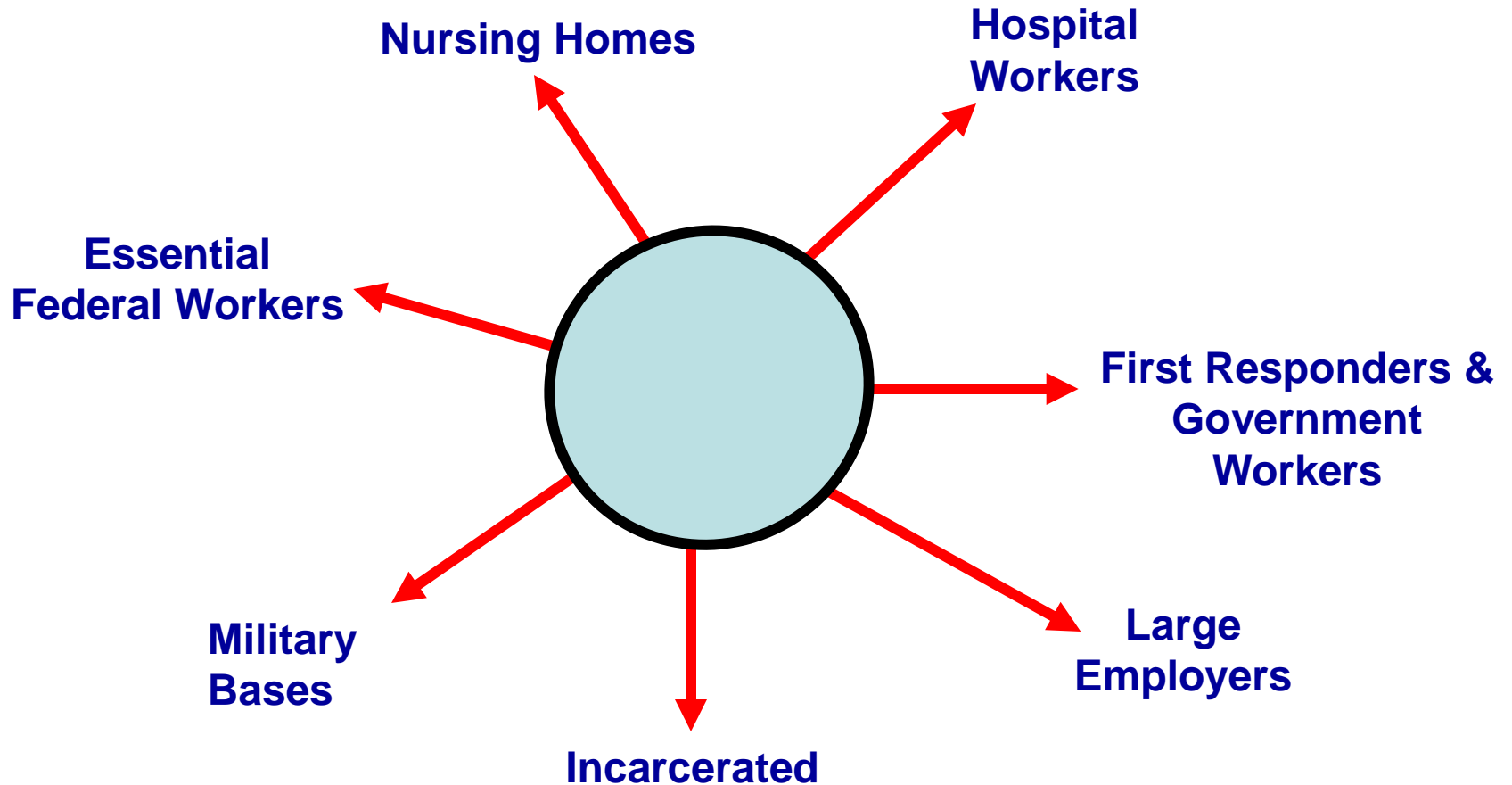
Point of Dispensing (POD) Operations

Bexar County Municipalities



The PUSH CONCEPT

(Closed PODs)





Planning Factors (Medication)

Military Bases	Assigned	Civilian Employees	Family Members	Total
Lackland AFB	26,397	8,533	97,105	132,035
Fort Sam Houston	13,465	7,230	90,592	111,287
Randolph AFB	4,500	10,500	45,000	60,000
TOTAL	44,362	26,263	232,697	303,322
Closed PODs				
USAA	15,400		61,600	77,000
Texas Med Clinics	461		1,844	2,305
H.E.B.	18,000		72,000	90,000
Southwest Research	400		1,600	2,000
CPS Energy	4,000		16,000	20,000
SAWS	1,890		5,198	7,088
Security Services	1,400		3,892	5,292
WellMed Med Mgt	1,271		3,813	5,084
VIA Transportation	2,006		5,516	7,522
Texas A&M San Antonio	4,800		8,400	13,200
TOTAL	49,628		179,863	229,491
COSA, Bexar Cty, Hospitals	56,804		224,389	281,193
Unincorporated Municipalities	1,338		2,342	3,680
TOTAL	152,132	26,263	639,291	817,686

1,700,000 Population
(817,686) Push
882,314 Pull
 \div
2.75 HoH

320,841 Est. Push
 \div
26 PODs

12,340 Per Pod
 \div
48, 36, 24, 12 Hrs

257, 343, 514, 1,028
Throughput Per Hour

The “PULL CONCEPT” Public Dispensing



Community Dispensing Points

- **Also known as a Point of Dispensing (POD)**
- **Designed to rapidly administer vaccinations or medication to the public during an outbreak**
- **Located throughout the community to service the public**
- **Reliant on County Employees, volunteers and local support**

San Antonio and Bexar County Dispensing Sites

- **26 Primary Dispensing Sites**
- **14 Additional/Back-up Dispensing Sites May Be Activated**
- **Site Selection Criteria:**
 - **Population Centers**
 - **Traffic Flow**
 - **Ultimate Dispensing Capacity**
 - **Accessibility**
 - **Facility Resources**
 - **Standardized Design**
 - **Community Familiarity**

Significant Considerations

- **Schools will not be in session during emergency period**
- **Only well individuals will report to site for prophylaxis**
- **Symptomatic individuals are to go directly to their health care provider and not report to site.**
- **Head of Household can pick up for oneself and seven others**

POD Planning Considerations

- **Use of Modified -Medical Model**
- **Simplified Forms/Collect Only Essential Information**
- **Use of Media to Convey Information**
- **Head of Household Can Pick Up Medication for Family Members**
- **Streamlined Flow**

Walk Through POD Through-put Capability

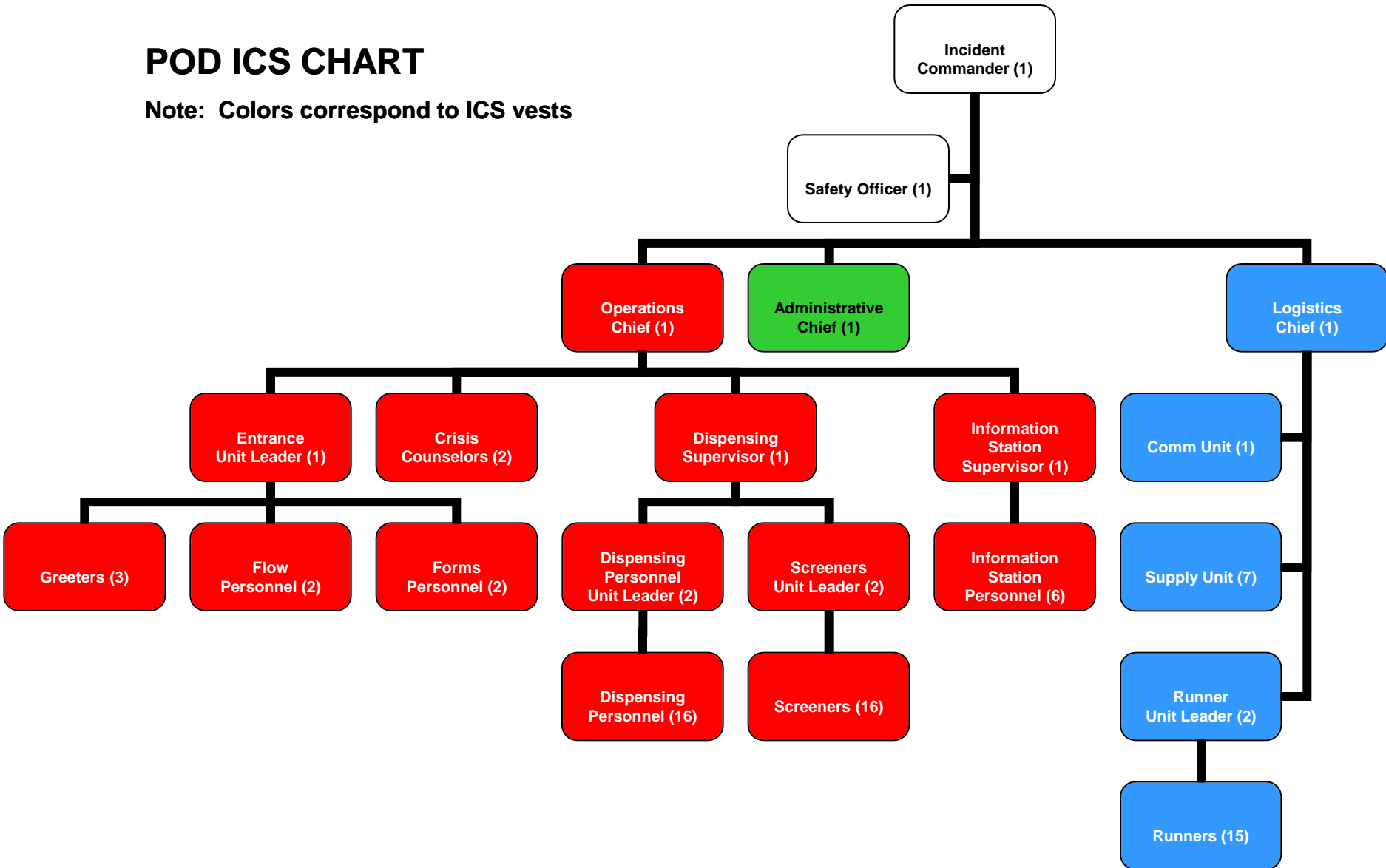
- **Determined by a combination of Venue Size, Operations and Logistics**
- **Estimate Based Upon:**
 - **3 Minutes Per Person Per Dispensing Station**
 - **20 Persons Per Hour Per Dispensing Station**
- **CDC Goal is 500-800 Doses Dispensed Per Hour**

Alternate Dispensing

- **U.S. Postal Service Option Executive Order 13527
December 2009**
- **Drive Thru Dispensing Sites**
- **Retail Pharmacies to augment PODs**

POD ICS CHART

Note: Colors correspond to ICS vests



Incident Commander/Site Manager	1
Operations Section Chief	1
Logistics Section Chief	1
Administration Section Chief	1
Safety Officer/PIO	1
Entry Personnel Unit Leader	1
Greeters	3
Forms Personnel	2
Flow Personnel	2
Crisis Counselors	2
Information Station Supervisor	1
Information Personnel	6
Dispensing Supervisors	1
Dispensing Unit Leader	2
Dispensing Personnel	16
Screeener Unit Leader	2
Screeners	16
Runner Unit Leader	2
Runners	15
Supply Unit Personnel	7
Communication Unit Personnel	1

Requirement Total 79

***POD PERSONNEL
REQUIRED PER
12 HOUR SHIFT***

How Many Personnel Are Needed?

At two 12-hour shifts Bexar County will need approximately 4,628 personnel to operate 26 multiple Points of Dispensing (POD) sites for one day.



Volunteers

- **Civil Servants (non-essential)**
- **Volunteer Organizations**
- **Medical Reserve Corps**
- **Crisis Emergency Response Teams**
- **Spontaneous Volunteers**

Medical Volunteer Roles At PODs

- Clinic Manager
- Pharmacist
- Medical Screener
- Prophylaxis Dispenser
- Mental Health Worker/
Crisis Counselor



Non-Medical Volunteer Roles

- **Administrative Workers**
- **Documents Coordinator**
- **Forms Technician**
- **Facilities Manager**
- **Logistics Workers**
- **Patient Educator**
- **Runner**
- **Security/Crowd Control**
- **Translator**
- **Greeter/Forms Distributor**
- **Comm./Radio Operator**



SNS DISPENSING FORM



CITY OF SAN ANTONIO
METROPOLITAN HEALTH DISTRICT

1 Under 12 ?	2 Pregnant ?	3 Breastfeeding ?	4 Allergic to Doxycycline ?	5 Allergic to Ciprofloxacin?	6 Allergic to Amoxicillin ?
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Receiving Medication: (write full names and include yourself)

Age M/F

Check box (✓) for YES, leave blank for NO or DON'T KNOW

			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Your Address:

Your Phone Number:

Your Signature:

FOR OFFICE USE ONLY

Date and Time:	Date:	Time:
POD:		

Circle correct medication. Place sticker label here.

Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	

Total Quantity of Unit-Of-Use Bottles Dispensed:

FOR OFFICE USE ONLY

SNS DISPENSING FORM



CITY OF SAN ANTONIO
METROPOLITAN HEALTH DISTRICT

1	2	3	4	5	6
Under 12 ?	Pregnant ?	Breastfeeding ?	Allergic to Doxycycline ?	Allergic to Ciprofloxacin ?	Allergic to Amoxicillin ?

Receiving Medication: (write full names and include yourself)	Age	M/F	Check box (✓) for YES, leave blank for NO or DON'T KNOW					
John Doe	36	M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jane Doe	34	F	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sally Doe	12	F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jimmy Doe	9	M	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Debbie Doe	6	F	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Your Address: 2509 Kennedy Circle	Your Phone Number: 210-336-0987
San Antonio, TX 78235	

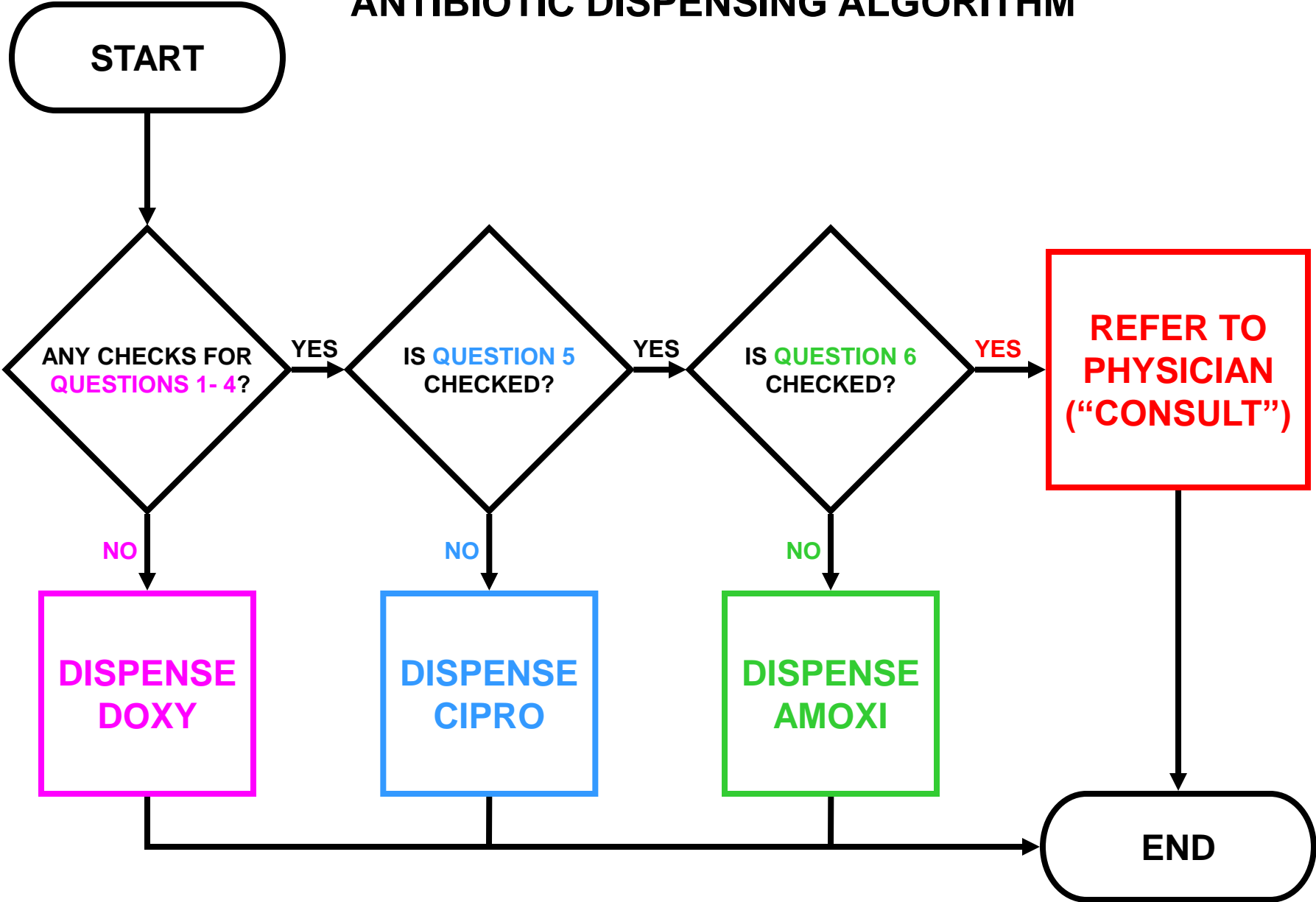
Your Signature: *John Doe*

FOR OFFICE USE ONLY			
Date and Time:	Date: 10/16/2013	Time: 1:00 pm	
POD:	UTHSC		
Circle correct medication.		Place sticker label here.	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	CIPROFLOXACIN HCl 500MG 24 TABLETS LOT# C1234 EXP 12-15 R# XXXXXX
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	CIPROFLOXACIN HCl 500MG 24 TABLETS LOT# C1234 EXP 12-15 R# XXXXXX
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	DOXYCYCLINE 100MG 24 TABLETS LOT# D1234 EXP 12-16 R# XXXXXX
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	CONSULT
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	AMOXICILLIN 500MG 24 TABLETS LOT# A1234 EXP 12-15 R# XXXXXX
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Dozy 100mg BID	Cipro 500mg BID	Amox 500mg TID	
Total Quantity of Unit-Of-Use Bottles Dispensed:		4	
FOR OFFICE USE ONLY			

FOR OFFICE USE ONLY

FOR OFFICE USE ONLY

ANTIBIOTIC DISPENSING ALGORITHM



Prophylaxis

- **Anthrax Strain Is Susceptible to Penicillin**
 - **Doxycycline**
 - 100mg PO BID for 10 Days
 - **Ciprofloxacin**
 - 500mg PO BID for 10 Days
 - **Amoxicillin**
 - 500mg TID for 10 Days
 - **All Follow-up with Physician**
- **Full Regimen of Antibiotics is 60 Days**
- **Anthrax Information Sheet (Signs/Symptoms of Agent)**
- **Drug Information Sheets**

Special Populations

- **Texas-Mexico border residents, American Indian tribes, children, older Americans, people with disabilities, homeless, incarcerated, homebound, visitors, tourists, and non-English speakers**
- **Reasonable efforts will be taken to accommodate any individuals reporting to a dispensing site requiring assistance**
- **Greeters and runners will be responsible for escorting such individuals through the dispensing process**

SNS Points of Contact

Sammy Sikes, FF/EMT-B, CHS-1

Regional SNS Coordinator

Texas Department of State Health Services

Health Service Region 8

(210) 949-2040

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Scott Simmons

SNS Coordinator

San Antonio Metropolitan Health District

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scott.simmons@sanantonio.gov



CITY OF SAN ANTONIO
METROPOLITAN HEALTH DISTRICT

Questions?
