

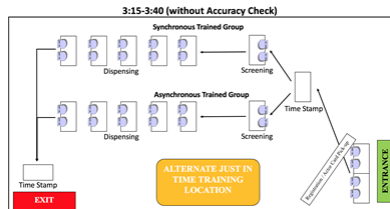
Evaluation of Point of Distribution Exercise

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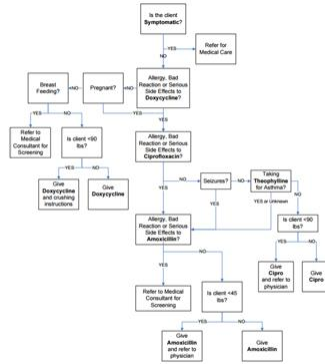
Back Ground

The Tippecanoe County Health Department holds a POD (point of distribution) event to practice distributing SNS (strategic national stockpile) medications to the public in case of a major medical emergency. Due to the fact that most of the workers will be volunteers with different skill levels and training we need to build a quality control layer into the distribution process in order to make sure that the correct amount and type of medications are distributed to the right people.

Example of the site



Process Map



Project Charter

Business Case	To help save taxpayer resources
Goal(s)	Use Six Sigma standards to improve medical distribution during emergencies
Problem/Opportunity Statement	Volunteers making errors; Wrong Medication Distributed
Scope	No authority; can only advise
Timeline	2-3 months
Team Members	Andy, Kristen, Kevin, Stefano
Stakeholders	Government, volunteers, and county locals

Plan

Problem Statement: The Tippecanoe County Health Department (TCHD) is currently experiencing errors in the quantity and correct type of medications distributed during the POD Process.

Goal: Reduce the amount of errors made by volunteers during the POD process by building in quality control measures.

Customer: The main customer is the TCHD which then serves the public in a medical emergency. TCHD has partnered with the Purdue University Homeland Security Institute (PHSI) who help implement a practice POD, in order to create a real time simulation and collect data on the accuracy of the POD.

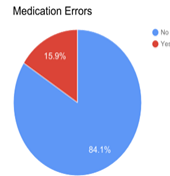
Customer Requirements: Patients receive the correct medication in the correct amount.

Root Causes

Incorrect Volunteer Input
Insufficient Volunteer Training
Insufficient Records of Medication
Improper Labeling of Medication
Paperwork Mixup
Paperwork Loss

Data

Collection Method: Qualtrics
Sample Size: 195
Data Types Collected: Patient's Time in process
Medication Error



Suggested Changes

Barcoded Wristbands
Written SOPs
Increase Training
Audit Medication Totals

