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**

**Plan**

**Root Causes**

**Project Charter**

**Data**

**Suggested Changes**

**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.

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

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

**Barcoded Wristbands**
**Written SOPs**
**Increase Training**
**Audit Medication Totals**

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**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

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**Data Types Collected:**
- Patient's Time in process
- Medication Error

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**Suggested Changes:**
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- Written SOPs
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- Audit Medication Totals