New Approaches to Points of Dispensing

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Objectives

• Describe the process utilized to establish a Closed POD at Saint Louis University

• Discuss how to collaborate with nursing faculty to embed the dispensing training within the nursing curriculum

• Discuss how to implement similar training with nursing students at other institutions

• Describe ways to expand the Medical Reserve Corps (MRC) volunteer base at the community level
St. Louis City and County
Background Information

- Population Data:
  - Saint Louis City – U.S. Census Bureau (2016) – 311,404
  - Saint Louis County – U.S. Census Bureau (2016) – 998,581

- Volunteers per jurisdictional Medical Reserve Corps (MRC) Units:
  - Saint Louis City MRC as 2017 - 60
  - Saint Louis County MRC as of 2017 - 79

United States Census Bureau – Population data as of July 1, 2016
Saint Louis University & the School of Nursing

• Total enrollment = 12,853
  • All 50 states
  • 78 foreign countries

• 90 Undergrad programs & >100 Graduate programs

• Ranked among the nations top 100 research universities

• 4th in the country for service
  • >1.6 million hours of service each year

• Three prelicensure options
  • Traditional BSN
  • Accelerated BSN
  • Accelerated MSN
POD Staffing Challenges

- Must be staffed by trained individuals
- Not likely to be enough medical professionals or volunteers in an emergency
- Results from a 2015 study indicated almost all open PODS have existing written plans (93.4%, n=240), however, only 42.6% (n=104) reported having adequate staffing.

Initial Efforts and Concerns

• Staffing
  • Alleviated with incorporation of dispensing training into the PHN course

• Location
  • Addressed through collaboration with the Director of Campus Recreation

• MOU signed on Fr. Biondi’s last day as President of Saint Louis University
SLU Population to be Served

• 10,000 employees (x3)
• 1,950 students with families (x3)
• 11,050 students without families (x1)

• Total = 46,900

• Reduces the local DOH burden by approximately 15%
Training Process

• Training sessions scheduled in fall and spring semester on assigned public health clinical day

• Collaborative effort with the St. Louis City Department of Health

• Designed by the University of Missouri Fire and Rescue Training Institute in cooperation with the Missouri Department of Health and Senior Services, Center for Emergency Response to Terrorism
Inputs
- Staff and faculty time
- Curriculum hours
- Instructional materials
- Regional partners
- Evaluation materials
- Leadership buy in

Outputs
- Training
  - Medical personnel
  - University administration
- Closed POD staffing
- Local MRC affiliation
- Regional partnership
- Emergency response decision making
- Plan development

Outcomes
- Short term
  - Increased knowledge
  - Awareness of public health emergency preparedness
  - Motivation
- Long term
  - Community resiliency through long-term civic engagement/MRC affiliation
  - Enhance public health infrastructure through the development of a trained workforce
  - Capacity to mass dispense/operate a closed POD serving 45,000 individuals
Revamed Training Process

- Added time at the end to complete Show Me Response registration
- Added a Psychological First Aid (PFA) component
- Included an exercise component
- Added pre-test and post-test
- Collaborative effort with the City and County
Drills and Exercises

- Tabletop exercise
- Logistics drills
- Set-Up exercises in the spring
- Full Scale exercises in the fall
- Challenges and benefits with each exercise
Dispensing

Entrance

Exit

Registration and queue line

Supply

Educational materials for medication

3-4 runners for supply needs

Psychological Needs

Dispensing

3-4 Line Monitors

Registration and queue line

Entrance

Additional Assistance
Program Successes

• Over 900 students have been trained
• Floor Plan has been submitted to ASPR as a model floor plan
• 2017 National Health Security Award winner for effectively using medical countermeasures and nonpharmaceutical interventions
Preparing a Public Health Workforce

- Dispensing training and Show-Me Response registration completed at SLU
- MRC Recruitment
- Word of mouth – other students (roommates), family and friends
- Networking
- Disaster preparedness content for RN licensure
- Preparing future nurses and public health professionals to be ready to respond and care for individuals, families, and communities competently and effectively.
Key Components

- Know what your needs are in your local community or LPHA
- Assessment of local colleges and universities
- Approaching nursing faculty
- Planning team
- Training is a collaborative effort

Prepared communities – Prepared States – Prepared Nation

Community resiliency!
Questions?

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