Bringing Purpose to Interprofessional Education Through Disaster Simulation

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• Neither of us have any financial disclosures

Who’s here??
Session Objectives

• Explain the process for developing an interprofessional full scale disaster simulation.
• Discuss victim and provider preparation and debriefing strategies.
• Identify future strategies for interprofessional simulation.
The beginning of disaster simulation

- [https://www.youtube.com/watch?v=RfwZZF0bUGA&t=40s](https://www.youtube.com/watch?v=RfwZZF0bUGA&t=40s)
History of Disaster Simulation

- 2011 – Super Tornado Outbreak, significant increase in Mass Shootings
- 2012 - Active Shooter
- 2013 - Explosion
- 2014 - School Shooting
- 2015 - Tornado
- 2016 - Earthquake
- 2017 - Dorm Fire
IPE at Samford

Values/Ethics for Interprofessional Practice

Interprofessional Teamwork and Team-based Practice

Patients/ Clients/ Families/ Populations

Roles and Responsibilities for Collaborative Practice

Interprofessional Communication Practices
What your LMS can do for you
There are several ways to obtain a BSN at the Ida V Moffett School of Nursing:

- 5 semester students can be traditional undergraduates, transfers to Samford, or students who already have an undergraduate degree in a field other than nursing.
- The 12 month accelerated BSN degree is for students who already have an undergraduate degree.
  - Job opportunities for graduates of these programs are endless and include but are not limited to hospitals, schools, clinics, offices, and businesses. Our graduates work locally, nationally, and globally.

During Disaster Drill 2017 BSN students will fulfill several roles.
- Junior, first semester seniors and accelerated second degree students will be victims.
- Graduating seniors will triage, treat, and provide leadership to care teams.
Logistics Preparation

- Meetings
  - Interest
  - Planning
  - Final
- Supplies
- Permits
- Scheduling
- Media
- Moulage
Implementation

• Staging
• Moulage
• Communication
• Prebriefing/Team building
• Simulation
• Debriefing
• Clean up

WHAT IS TEAMWORK?

“Teamwork is the ability to work together toward a common vision. The ability to direct individual accomplishments toward organizational objectives. It is the fuel that allows common people to attain uncommon results.”

-Andrew Carnegie
Staging

• Emergency Medical Shelter
• 4 pods
• Code Stations
• Social work/Counseling
• Discharge
• Central Supply
• Pharmacy
• Equipment
Moulage

- “ALL HANDS ON DECK”
- Levels 1-4
- Homemade materials
- Latex free
Prebriefing

- 4 teams
- Introductions
- Ice breaker/team building exercise
- Review of roles
- Review of simulation format
- Review of rules
Simulation

400 participants
• 280 students
• 60 faculty and staff
• 20 patient volunteers
• 40 community responders
  – Paramedics, Local police and fire, county EMA, Aeromedical services, Red Cross
• University administration
Debriefing

• Each POD is debriefed separately by the POD team leaders and resource persons
  – Includes victims, providers, and community partners
  – Positive learning experience
  – Gather information on what worked and what did not
  – Link to real life
Post Simulation Student Activities

• Student Evaluation
  – Qualtrics Survey

• Pod Evaluation
  – Completed by participating faculty and Pod resource personnel using a Qualtrics survey

• Journaling
  – Course specific

• Debriefing within programs
  – Program specific
Going Forward...

• Bringing the Disaster Drill back to campus
  – Test campus response
    • EOC/IC

• Acute Care Simulation Week
  – All CHS students involved in Acute Care
  – Unfolding Case Study
    • Pre-hospital – Rehab/Discharge
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