SIMBUS INNOVATIONS:
TAKING DISASTER PREPAREDNESS SIMULATIONS TO THE OUTLYING AREAS

CAROL WILSON DNP, MBA/TM, MSN, CCRN, CEN
JANET SPREHE DNP, APN-BC, CVRN, RN-BC
CARLA BRUNK, MSN, ED, RN, CEN
International Nursing Association for Clinical Simulation & Learning is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.
DISCLOSURES

Conflict of Interest

• Carol Wilson, Janet Sprehe & Carla Brunk report no conflict of interest

• Successful Completion
  • Attend 100% of session
  • Complete online evaluation
LEARNING OUTCOMES

Upon completion of this educational activity, participants will be able to:

1. Identify the Emergency Readiness Process

2. Discuss Disaster Triage

3. Enhance the critical thinking skills of VA Staff and our community partners in disaster preparedness
THE BEGINNING

- Trauma Assessment in auditorium
- Spoke to Travis Garret, Emergency Manager- how do we take this training to outlying areas?
- “We have a Bus”
BUS/DUV

• Dual-Use Vehicle
• 36 ft long, 102 inches wide
• Maximum passenger seating = 30
• Maximum Litter Positions = 15
BUS/DUV

- Maximum Wheel Chairs - 10
- Can go through 4 feet of water
- Hepa Ultraviolet Air Purification System
BUS/DUV

• Electric Wall Clock with Minutes

• Refrigerator (110v or 12v)

• Roof Ventilator/Escape Hatch
COMPONENTS

Configure the BUS/DUV

• Litters
• Manikins
• Scenarios
• Leadership support
SCENARIOS

- Internet search
- Permission from Trauma.org
- Reviewed Trauma treatment sites
  - Trauma Nurse Core Course
- Review scenarios with simulation faculty
SIMULATION FACULTY

• Director of Simulation: Dr. Janet Sprehe DNP, APN-BC, CVRN, RN-BC
• Lead Faculty: Dr. Carol Wilson DNP, MBA/TM, CCRN, CEN
• Carla Brunk MSN, ED, RN, CEN
Learning Theory

• Knowles Adult Learning Theory

• Kirkpatrick’s Levels of Evaluation
PREPARATION TIME
PREPARATION TIME
PLACES VISITED

THE TAMPA VA CLINICS (6)

UNIVERSITY OF SOUTH FLORIDA: COLLEGE OF NURSING, MEDICINE & OCCUPATIONAL HEALTH

SOUTH UNIVERSITY
PLACES VISITED

CONCORDIA COLLEGE

HILLSBOROUGH COMMUNITY COLLEGE

MACDILL AIR FORCE BASE-AIRSHOW.
CLINICS
College of Occupational Medicine
MacDill Airfest
South University

CBWILS 2017
Scottish Students
University of Tampa
Data

• As of 2/1/2017 943 individuals have viewed the Sim Bus

• 98% rated their experience as excellent

• 2% rated their experience as high satisfactory
• “It is wonderful to know how buses prepare for such disasters. Great Staff, great lessons!”
• “Very Informative and I learned how to triage in a disaster”
• “The realistic scenarios to show how to triage in a disaster was the best”
• “The interactive questions and critical thinking made this learning experience awesome.”
COMMENTS

“Showed actual scenarios that could present in life”

“Patients looked like their injuries”

“Liked the scenarios used and being able to assist them”

“Hands on disaster triage enables better conceptual learning”

“More hands on and more time”
THE FUTURE

• Taking the BUS to
  • VISN * Sunshine Endeavor 2017 Full Scale Exercise
  • Continue to visit colleges and universities
  • Visit all the outlying clinics
  • Encourage the ED staff to participate
REFERENCES


http://www.trauma.org/index.php/main/moulage/446
CONTACTS

• Director of Simulation: Dr. Janet Sprehe DNP, APN-BC, CVRN, RN-BC
  • Janet. Sprehe@ va.gov

• Lead Faculty: Dr. Carol Wilson DNP, MBA/TM, MSN, CCRN, CEN
  • Carol. Wilson3@ va.gov

• Carla Brunk MSN, ED, RN, CEN
  • Carla. Brunk @va.gov