LATE-BREAKING PANEL: Making it Count: Using Simulation for EVD Readiness (#15060)
90 minutes - Advanced
Monday, January 12, 2015
2:15 – 3:15 PM
Room 227

Course Director: Katie L Walker, MBA, RN
Faculty: Komal Bajaj, MD, CHSE, Emily Diederich, Chad Epps, MD, Joseph Richard Masci, MD, Jessica Pohlman, MPA, NREMT-P, Marjorie Lee White, MD, MPPM, MA, .

Institutions: New York City Health and Hospitals Corporation, University of Alabama Birmingham, New York City Health and Hospitals Corporation, University of Kansas Medical Center, Elmhurst Hospital Center, New York.

Overview
This expert panel will present a collaborative multi-disciplinary approach to preparing hospitals for the identification and care of patients at high-risk for Ebola Virus Disease (EVD) and other infectious diseases; an approach that spans medicine, nursing, infection control, emergency management, laboratory medicine, infectious diseases, and waste management.

Learning Objectives
1. Examine the metrics developed to measure success in an EVD readiness program.
2. Describe the application of deliberate practice for developing competency in donning and doffing personal protective gear.
3. Recognize the methods by which simulation can be employed to meet education and training needs of institutions in the event of a public health emergency.

LATE-BREAKING WORKSHOP: Donning and Doffing Personal Protection Equipment (#15168)
Monday, January 12, 2015
3:30 – 5:00 PM
Room 221

Course Director: John Schaefer,
Overview
As part of readiness training for caring of Ebola patients, the Medical University of South Carolina Simulation Center created Donning and Doffing simulation scenarios that support documentable practice and assessment of competency against the CDC Guidelines for use of personal protection equipment (PPE) in the management of
Late-breaking Content

Ebola virus patients by healthcare workers. This training encompasses all three types of PPE approved by CDC.

Learning Objectives
1. Apply simulation strategies to create documentable simulation scenarios for use in formative or summative feedback applied to the Centers for Disease Control and Prevention Guidelines for Personnel Protection Equipment in Ebola Virus patient care.
2. Identify how Mastery-based training strategies using simulation exercises can be applied to unit skill (i.e. Donning or Doffing PPE) training objectives.
3. Identify objective reporting strategies to communicate training value to sponsoring stakeholder.

LATE-BREAKING PANEL: Use of High-Fidelity Simulation to Identify Failures in Ebola Preparedness Protocols (#14808)
60 Minutes
Tuesday, January 13, 2015
1:00 – 2:00 PM
Room 220

Course Director: Andrew Goldberg, MD. Faculty: Sam DeMaria, MD, Yury Khelemsky, MD, Donna Lamonica, MD MPH, Adam I. Levine, MD.
Mount Sinai Medical Center

Overview
Human simulation has been shown to aid in infectious disease preparedness, as well as to identify critical flaws within protocols. Two critical failures were discovered during Ebola simulations resulting in significant modification of our institution’s, and the Center for Disease Control’s policies. This course serves to highlight the impact of simulation on the creation, testing, and implementation of successful protocols for an Ebola outbreak

Learning Objectives
1. Describe how the application of human simulation for the creation of Ebola protocols aids in testing and ultimately implementation of safe policies.
2. Recognize the utility of using a standardized patient in simulations in order to identify protocol weaknesses.
3. Explain the two major safety flaws found in our Ebola system protocols that drastically changed the Ebola preparation program.
**LATE-BREAKING WORKSHOP: Using Simulation to Teach the Clinical Management of the Ebola Across the Lifespan: An Interprofessional Approach (#14968)**

120 Minutes Advanced  
Course Director: Mrs. Lori Persico, RN, MS PhD (c)  
Faculty: Robert Kerner, RN JD, Andrew Rotjan, RN, CPEN, EMT-P  
North Shore - LIJ Health System  
Tuesday, January 13, 2015  
1:00 – 3:00 PM  
Room 223

**Overview**  
According to the WHO (2014) biorisk reduction combines expertise and advice on high-consequence pathogens with guidance and training on safe handling and control of disease agents that pose significant health risks, with potential for adverse economic impact and public concern. Interprofessional teams participated in Ebola scenarios using human patient simulators and standardized patients to represent patients across the lifespan.

**Learning Objectives**  
1. Explain the collaborative approach of emergency management systems, nursing education and simulation based educators to develop a comprehensive curriculum for the Ebola patient across the lifespan.  
2. Detail the component of the curriculum that included, PPE training, workzone environment, and skill competency.  
3. Provide the interprofessional simulated Ebola scenarios developed to facilitate workflow, communication, and the implementation of evidence-based practices across the lifespan.

**LATE-BREAKING PANEL: Preparing for the Worst: Simulation and the Bio-Containment ICU (#14686)**

90 minutes - Advanced  
Tuesday, January 13, 2015  
3:30 – 5:00 PM  
Room 203

Course Director: Robin Lynch, MSN, RN, CHSE  
Faculty: Sachin Agarwal, MD, MPH, Robert Bristow, MD, Neville Clynes, MD, Kevin Curtin, PT, MBA, John D'Agostino, MSN, RN, CIC, Donna Johnson, MS, MBA, NE-BC, CPHQ, Patricia Rychcik, MSN, BSN, RN, Lisa Saiman, MD, MPH.
Late-breaking Content

New York Presbyterian-Columbia

Overview
This panel will discuss our process of integration of simulation in preparing our Bio-Containment Intensive Care Unit (BICU) to be ready to accept a patient with suspected or confirmed Ebola virus. A discussion of preparedness strategies, lessons learned and latent safety threats will occur at the end of the presentation along with a question and answer session.

Learning Objectives
1. Discuss the importance of simulation in an emergency preparedness plan
2. Describe the integration of simulation into an emergency preparedness plan for Ebola
3. Apply best practices of simulation in planning an interprofessional emergency preparedness drill

LATE-BREAKING WORKSHOP: Simulation for Infectious Disease Preparedness Training – Lessons Learned (#14742)
90 Minutes - Advanced
Tuesday, January 13, 2015
3:30 – 5:00 PM
Room 208

Course Director: Stephen Powell, MS
Faculty: Scott Betzelos, MD, Geoffrey T Miller, MS, EMT-P

Overview
Preparatory efforts of Inova Fairfax Hospital to address patients potentially infected with Ebola, key insights for how hospitals can deploy simulation to prepare for Ebola and to train teams to reduce all preventable harm and lessons from the field to create a safety culture focused on continuously improving its approach to resilient leadership, flexible teamwork, and effective team communication during emergent situations.

Learning Objectives
1. Describe how Inova was able to quickly change its physical environment to comply with CDC protocol, rehearse through simulation all of the potential scenarios that could be presented if an infected patient arrived in the ED, and prepare its teams.
Late-breaking Content

2. Define the factors influencing healthcare providers’ performance, and detail the advantages of simulation based training to create safer environments and repetitive standardized practices, and promote debriefing as a norm in everyday practice.

3. Identify components of safety culture that can foster an atmosphere of trust, promote teamwork, and accelerate a hospital’s culture of learning.