About the Simulation Center

Established in 2010, the Simulation Center’s mission is to improve the patient experience and the quality of care delivered at all of New York City Health + Hospitals facilities through evidence-based simulation education. New York City Health + Hospital’s dedicated simulation hub and state-of-the art simulation training facility is located on Jacobi Medical Center’s campus.

The Simulation Center has implemented a Devolved Model of Simulation that expands the reach of simulation-based learning locally to New York City Health + Hospital facilities.

Currently, the Center and newly established satellite centers offers courses that have been developed based on an examination of root cause analysis, claims data, and hospital performance data. Team training is an integral part of the course design and delivery.
Calendar Year 2015 marks the Simulation Center’s fifth year of service to the clinicians and staff of New York City Health + Hospitals. The Simulation Center’s core mission is to support the work of the Health + Hospitals system through clinical skills acquisition, teamwork and communication training to improve patient care. To date, we have trained over 14,000 learners in innovative, engaging, and fun, evidenced-based simulation experiences that help to promote the safe, quality care that is delivered to our patients and to improve their patient experience. Learners consistently rank our courses as a 3.75 out of 4, with excellent feedback. To date, we have built a cadre of 20 simulation instructors who provide simulation in various forms to clinicians and staff throughout the system. We have trained over 100 learners in the art of debriefing to improve the teamwork and coordination around our patient-Centered care.

Calendar Year 2015 brought over 2500 learners to the Simulation Center. Central Line Skills Placement, Advanced Airway Skills, Cardiac Code Team, Shoulder Dystocia Teamwork and Skills, and Postpartum Hemorrhage Teamwork and Skills courses continue to be our most popular courses offered.

Calendar Year 2015 marked the creation of two new core courses at the Simulation Center: a train-the-trainer model of our Debriefing for Behavioral Health Teams, course and Introduction to Debriefing, a one-day intensive debriefing course designed to expose new de-briefers to the foundational concepts in debriefing. These new, innovative communication-based, debriefing-focused courses at the Simulation Center are novel in simulation center programs.

The Simulation Center also collaborated with the nursing and respiratory care staff at Henry J. Carter Skilled Nursing Facility to create a hybrid simulation course to manage ventilator patients. Staff received two hours of didactic training at Carter on the care of ventilator patients, and then came to the Simulation Center for an additional two hours of hi-fidelity simulation in a course titled, “Using Simulation to Manage Airway Problems of Ventilator Dependent Patients.”

The Simulation Center continued to play an important role in the system’s fight against Ebola Virus Disease (EVD), as we assisted in the ongoing training of covered personnel in all of our acute care facilities, developed training aids, PowerPoints and videos of proper donning and doffing procedures for Personal protective equipment (PPE), and trained our Hospital Police how to don and doff PPE to assist our healthcare staff in care of a suspect or positive patient.
The Simulation Center continues to push simulation into all of the acute care facilities in a “devolved” model of simulation. With the Simulation Center as the hub, satellite Centers in Elmhurst and Harlem have opened and are providing simulation to learners within those facilities, eliminating the need to travel to the hub at Jacobi Medical Center.

These satellite centers are also providing better access to simulation in those facilities. The Simulation Center is also working with the Correctional Health Services to develop their own simulation center.

The Simulation Center was generously gifted with a $400,000 grant from the Hospital-Medical Home program to improve inpatient quality and safety projects in the areas of maternal emergencies and neonate care. The Simulation Center was able to purchase two brand new full-bodied birthing simulators and a full-bodied hi-fidelity neonate that will be used for courses at the Simulation Center, and full-term and pre-term baby manikins, a variety of part-task trainers and iPads for every acute care facility, with the goal of having OB unit-based programs running in every facility by the year 2017.

The Simulation Center works closely with all of the units of the Medical & Professional Affairs division of the hospital system and quickly responds to emergent needs by developing simulations to drive new policy guidelines. This “modus operandi” sets the New York City Health + Hospitals Simulation Center apart from other simulation programs.
## EDUCATION ACTIVITIES

### COURSES BY VOLUME

<table>
<thead>
<tr>
<th>Core Courses</th>
<th>Number of Sessions Conducted</th>
<th>Number of Course Hours Delivered</th>
<th>Number of NYC Health + Hospitals Staff Training Encounters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Debriefing</td>
<td>4</td>
<td>28</td>
<td>66</td>
</tr>
<tr>
<td>Debriefing for Behavioral Health Teams</td>
<td>8</td>
<td>32</td>
<td>74</td>
</tr>
<tr>
<td>Postpartum Hemorrhage Teamwork and Skills Course</td>
<td>10</td>
<td>45</td>
<td>111</td>
</tr>
<tr>
<td>Shoulder Dystocia Teamwork and Communication Skills</td>
<td>16</td>
<td>64</td>
<td>93</td>
</tr>
<tr>
<td>Grand Rounds</td>
<td>12</td>
<td>48</td>
<td>413</td>
</tr>
<tr>
<td>Advanced Airway Skills</td>
<td>20</td>
<td>80</td>
<td>223</td>
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<tr>
<td>Live On NY Organ Donor Simulation Session</td>
<td>6</td>
<td>24</td>
<td>27</td>
</tr>
<tr>
<td>Mock Codes</td>
<td>1</td>
<td>3</td>
<td>8</td>
</tr>
<tr>
<td>Cardiac Code Team</td>
<td>30</td>
<td>90</td>
<td>309</td>
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<tr>
<td>Cardiac Code Team 2.0</td>
<td>8</td>
<td>24</td>
<td>66</td>
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<tr>
<td>Central Line Placement Skills</td>
<td>34</td>
<td>136</td>
<td>461</td>
</tr>
<tr>
<td>Pediatric Airway Skills</td>
<td>4</td>
<td>16</td>
<td>36</td>
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<tr>
<td>Pediatric Code Team</td>
<td>5</td>
<td>15</td>
<td>56</td>
</tr>
<tr>
<td>Active Shooter Drill Practice</td>
<td>3</td>
<td>6</td>
<td>83</td>
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<tr>
<td>Active Shooter Drill</td>
<td>1</td>
<td>7</td>
<td>38</td>
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<tr>
<td>Advanced Trauma Life Support (ATLS)</td>
<td>5</td>
<td>35</td>
<td>92</td>
</tr>
<tr>
<td>Immersive Obstetric Simulation Program</td>
<td>25</td>
<td>50</td>
<td>182</td>
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<tr>
<td>Using Simulation to Manage Airway Problems of Ventilator Dependent Patients</td>
<td>26</td>
<td>52</td>
<td>288</td>
</tr>
<tr>
<td>Birthing in Emergency Department</td>
<td>2</td>
<td>8</td>
<td>24</td>
</tr>
<tr>
<td>Trauma Resuscitation</td>
<td>19</td>
<td>38</td>
<td>138</td>
</tr>
<tr>
<td>Critical Care Nursing Skills</td>
<td>4</td>
<td>16</td>
<td>32</td>
</tr>
<tr>
<td>Hospital Police Personal Protective Equipment Donning and Doffing</td>
<td>2</td>
<td>4</td>
<td>23</td>
</tr>
<tr>
<td>Jacobi Emergency Medicine Med Students</td>
<td>3</td>
<td>12</td>
<td>22</td>
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<tr>
<td>Unit Based Simulation: Emergency Medicine</td>
<td>19</td>
<td>38</td>
<td>230</td>
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<tr>
<td>Virtual Reality Simulation: Laparoscopy</td>
<td>34</td>
<td>136</td>
<td>34</td>
</tr>
<tr>
<td>Virtual Reality Simulation: Bronchoscopy</td>
<td>4</td>
<td>16</td>
<td>21</td>
</tr>
<tr>
<td>WISER iSIM (Instructor Simulation) Course</td>
<td>1</td>
<td>21</td>
<td>24</td>
</tr>
<tr>
<td>Neonatal Resuscitation</td>
<td>17</td>
<td>119</td>
<td>141</td>
</tr>
<tr>
<td>Care Team Development Workshop</td>
<td>7</td>
<td>28</td>
<td>107</td>
</tr>
<tr>
<td>Information Technology Event</td>
<td>1</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Critical Care Nurse Graduation</td>
<td>1</td>
<td>2</td>
<td>25</td>
</tr>
<tr>
<td>Montefiore Ultrasound Session</td>
<td>6</td>
<td>24</td>
<td>44</td>
</tr>
<tr>
<td>JMC/NCB Patient Restraint Course Train the Trainer</td>
<td>2</td>
<td>8</td>
<td>17</td>
</tr>
<tr>
<td>Simulation Symposium for Administrators</td>
<td>1</td>
<td>7</td>
<td>34</td>
</tr>
<tr>
<td>Unit-based Simulation: Obstetrics</td>
<td>42</td>
<td>84</td>
<td>413</td>
</tr>
<tr>
<td><strong>FY 2015 TOTAL</strong></td>
<td><strong>385</strong></td>
<td><strong>1,327</strong></td>
<td><strong>3,970</strong></td>
</tr>
</tbody>
</table>
EDUCATION
TRAINING ENCOUNTERS

ALL LEARNERS (TRAINING ENCOUNTERS)

- Administration/Leadership, Hospital Police and Support Services: 7%
- Nursing Staff: 36%
- Medical Staff: 57%

(N=3,970)

MEDICAL STAFF

- Resident: 60%
- Fellow: 1%
- Social Worker/Care Worker: 1%
- Attending: 20%
- RT: 4%
- PA: 4%
- Other: 1%

(N=2,269)

NURSING

- RN: 80%
- Advanced Practice RNs (CNM, NP, CRNA): 15%
- LPN: 5%

(N=1,435)

ADMINISTRATION/LEADERSHIP & SUPPORT SERVICES

- Patient Care Associate: 27%
- Clerical Staff: 7%
- Administration/Management/Leadership: 29%
- Other: 37%
- (e.g. Tech, Aide, Escort, Volunteer)

(N=266)
## EDUCATION
### CORE CURRICULUM & NYC HEALTH + HOSPITALS FACILITY UTILIZATION

<table>
<thead>
<tr>
<th>Facility</th>
<th>Core Courses Used</th>
<th>Number of Staff Engaged</th>
</tr>
</thead>
<tbody>
<tr>
<td>New York Health + Hospitals/Jacobi</td>
<td>8</td>
<td>373</td>
</tr>
<tr>
<td>New York Health + Hospitals/Bellevue</td>
<td>5</td>
<td>159</td>
</tr>
<tr>
<td>New York Health + Hospitals/Woodhull</td>
<td>6</td>
<td>135</td>
</tr>
<tr>
<td>New York Health + Hospitals/North Central Bronx</td>
<td>7</td>
<td>95</td>
</tr>
<tr>
<td>New York Health + Hospitals/Elmhurst</td>
<td>4</td>
<td>84</td>
</tr>
<tr>
<td>New York Health + Hospitals/Harlem</td>
<td>5</td>
<td>71</td>
</tr>
<tr>
<td>New York Health + Hospitals/Kings County</td>
<td>5</td>
<td>70</td>
</tr>
<tr>
<td>New York Health + Hospitals/Queens</td>
<td>6</td>
<td>57</td>
</tr>
<tr>
<td>New York Health + Hospitals/Coney Island</td>
<td>3</td>
<td>43</td>
</tr>
<tr>
<td>New York Health + Hospitals/Carter</td>
<td>4</td>
<td>43</td>
</tr>
<tr>
<td>New York Health + Hospitals/Metropolitan</td>
<td>4</td>
<td>38</td>
</tr>
<tr>
<td>New York Health + Hospitals/Lincoln</td>
<td>5</td>
<td>21</td>
</tr>
</tbody>
</table>

### Key Stats
- All 11 acute care facilities utilized the Simulation Center.
- Top 5 Core Courses (by facility utilization):
  1. Central Line Placement
  2. Cardiac Code Team
  3. Advanced Airway Skills
  4. Postpartum Hemorrhage
  5. Shoulder Dystocia

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### Learner Insights

One of the best parts of this was having the staff nurses join the training. In the past, ACLS trainings have only included MDs, so it was nice to have another venue to practice codes with the actual personnel we have in real life.

— L.D., MD Attending
EDUCATION

FACILITY-SUPPORTED COURSES AND EVENTS

Facility-Supported Courses and Events in FY2015
- Advanced Trauma Life Support
- Breakthrough Rapid Improvement Event (RIE)
- Care Team Development Workshop
- Critical Care Nursing
- Emergency Department Nursing Competency
- Emergency Management Simulation and Skills
- Emergency Medicine Birthing Course
- EVD Readiness Program
- Grand Rounds
- Immersive Obstetric Simulation Program
- Neonatal Resuscitation Program
- Obstetric Team Orientation
- Organ Donor Management Using Simulation
- Simulation Administrators Symposium
- Trauma Resuscitation
- Ultrasound: Virtual Reality Simulation

Key Stats
- 18 facility-supported courses and events
- 1,150 staff training encounters
- 389 course hours delivered
- 94 sessions conducted

In addition to the Core Curriculum courses offered year-round, the Simulation Center also provided support to numerous healthcare related courses/events offered by NYC Health + Hospitals facilities. As a facility-supported course/event, Simulation Center faculty and staff collaborated with the visiting course/event planner to identify the need to deliver a course at the Simulation Center. The Simulation Center provided a wide range of support from basic space allocation to resource intensive support such as technical and clinical facilitation of a course or event.

FACULTY-SUPPORTED COURSES AND EVENTS BREAKDOWN

NYC Health + Hospitals Core Courses & Facility Supported Courses by Number of Sessions Conducted

Learners of Facility-Supported Courses and Events
- Core Curriculum Courses n = 114 (55%)
- Facility Supported Courses / n = 94 (45%)
- Nursing Staff
- Medical Staff
- Allied Health Staff
- Support & Administrative Staff
CURRICULUM DEVELOPMENT
EVD READINESS PROGRAM

In September 2014, with the increasing concerns of the likelihood Ebola Virus Disease (EVD) would be carried to the United States through international travel, NYC Health + Hospitals developed an EVD Preparedness Program using simulation. The Simulation Center collaborated with the NYC Health + Hospitals facilities to implement the program. Through simulation, we were able to evaluate the readiness of the NYC Health + Hospitals facilities to triage, assess, and treat suspected EVD cases.

Key Accomplishments

- Developed EVD simulation scenarios with simulated patient and companion; The objectives of the EVD simulation include:
  - evaluating the state readiness
  - assessing adherence to prescribed algorithm
  - identifying system training needs
- Conducted EVD simulation in all NYC Health + Hospitals acute care hospitals
- Conducted debriefing with the facility leadership from Medicine, Nursing, and Infection Control
- Developed checklist for the following:
  - EVD Evaluation Algorithm
  - Isolation Room Standards (room design) customized to emergency department setting
- Developed educational tools on donning and doffing of Personal Protective Equipment (PPE)
  - Instructional training video
  - Procedure using pictorials
- Developed a competency-based train-the-trainer course for Hospital Police PPE Donning and Doffing Procedures; 17 hospital police, four nurse educators and one infection control staff completed the course.
- The successful implementation of NYC Health + Hospitals EVD Readiness Program was featured as a webinar, Making it Count: Using Simulation for Ebola Readiness, offered by the Society for Simulation in Healthcare. The webinar was a sold out event.

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### LEVEL D EVD PPE: DOFFING

NYC Health + Hospitals

<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Pull gown away from observer or gently break fasteners, the HCW can untie fasteners, receive assistance by the trained observer or gently break fasteners, the HCW can untie fasteners, receive assistance by the trained</td>
</tr>
<tr>
<td>2</td>
<td>Avoid contact of scrubs/dedicated area wearing HCW can leave</td>
</tr>
<tr>
<td>3</td>
<td>Discard shoe and discard outer gloves taking care not to</td>
</tr>
<tr>
<td>4</td>
<td>Pull gown away from</td>
</tr>
<tr>
<td>5</td>
<td>Avoid touching the</td>
</tr>
<tr>
<td>6</td>
<td>Perform hand hygiene with alcohol-based hand sanitizer. Discard.</td>
</tr>
<tr>
<td>7</td>
<td>Perform hand hygiene with alcohol-based hand sanitizer. Discard.</td>
</tr>
<tr>
<td>8</td>
<td>Avoid touching the</td>
</tr>
<tr>
<td>9</td>
<td>Pull gown away from</td>
</tr>
<tr>
<td>10</td>
<td>Avoid touching the</td>
</tr>
<tr>
<td>11</td>
<td>Discard shoe and discard outer gloves taking care not to</td>
</tr>
<tr>
<td>12</td>
<td>Perform hand hygiene with alcohol-based hand sanitizer. Discard.</td>
</tr>
<tr>
<td>13</td>
<td>Avoid touching the</td>
</tr>
<tr>
<td>14</td>
<td>Discard shoe and discard outer gloves taking care not to</td>
</tr>
<tr>
<td>15</td>
<td>Perform hand hygiene with alcohol-based hand sanitizer. Discard.</td>
</tr>
<tr>
<td>16</td>
<td>Avoid touching the</td>
</tr>
<tr>
<td>17</td>
<td>Discard shoe and discard outer gloves taking care not to</td>
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<td>18</td>
<td>Perform hand hygiene with alcohol-based hand sanitizer. Discard.</td>
</tr>
<tr>
<td>19</td>
<td>Avoid touching the</td>
</tr>
<tr>
<td>20</td>
<td>Discard shoe and discard outer gloves taking care not to</td>
</tr>
<tr>
<td>21</td>
<td>Perform hand hygiene with alcohol-based hand sanitizer. Discard.</td>
</tr>
<tr>
<td>22</td>
<td>Avoid touching the</td>
</tr>
<tr>
<td>23</td>
<td>Discard shoe and discard outer gloves taking care not to</td>
</tr>
<tr>
<td>24</td>
<td>Perform hand hygiene with alcohol-based hand sanitizer. Discard.</td>
</tr>
<tr>
<td>25</td>
<td>Avoid touching the</td>
</tr>
<tr>
<td>26</td>
<td>Discard shoe and discard outer gloves taking care not to</td>
</tr>
<tr>
<td>27</td>
<td>Perform hand hygiene with alcohol-based hand sanitizer. Discard.</td>
</tr>
<tr>
<td>28</td>
<td>Avoid touching the</td>
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<tr>
<td>29</td>
<td>Discard shoe and discard outer gloves taking care not to</td>
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<td>30</td>
<td>Perform hand hygiene with alcohol-based hand sanitizer. Discard.</td>
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<tr>
<td>31</td>
<td>Avoid touching the</td>
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<tr>
<td>32</td>
<td>Discard shoe and discard outer gloves taking care not to</td>
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<td>33</td>
<td>Perform hand hygiene with alcohol-based hand sanitizer. Discard.</td>
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<tr>
<td>34</td>
<td>Avoid touching the</td>
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<tr>
<td>35</td>
<td>Discard shoe and discard outer gloves taking care not to</td>
</tr>
<tr>
<td>36</td>
<td>Perform hand hygiene with alcohol-based hand sanitizer. Discard.</td>
</tr>
</tbody>
</table>

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"The Code course is very well taught, instructors are knowledgeable and also make the material entertaining so its easier and fun to learn! Great simulations, very realistic to actual code as much as is possible."

— V.K., MD; PGY3

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NYC Health + Hospitals Simulation Center Annual Report 2015 7
In addition to EVD Readiness program, the Simulation Center developed and introduced three new courses into its catalog. These courses ranged from train-the-trainer to a course participating in an IRB-approved study:

**Introduction to Debriefing**

The Simulation Center developed a customized one-day debriefing course based on the Center for Medical Simulation (CMS) Simulation Instructor Training curriculum. The role of debriefing in simulation-based learning is essential as this process reinforces the lessons learned during simulation, thereby promoting behavior and culture change. The reason for action to develop this program is to provide NYC Health + Hospitals simulation educators a formalized just-in-time training. The Simulation Center’s Clinical Directors will serve as faculty. The first course was delivered in August 2015.

**Immersive Obstetric Simulation Program**

This a multi-disciplinary simulation-based learning experience that is based on the fundamentals of ACOG Safe Motherhood Initiative. The program is designed to facilitate the practice of teamwork and communication skills while using high-fidelity simulations followed by extensive debriefings on postpartum hemorrhage and eclampsia.

This program is an IRB-approved study evaluating efficacy of the Safe Motherhood Initiative checklists. It was conducted from March to June 2015. In all, 168 staff participated — 131 nursing staff and 37 medical staff. A total of 23 sessions were conducted with 46 course hours delivered.

**Organ Donor Management Using Simulation**

LiveON NY, formerly known as New York Organ Donor Network (NYODN) sought the Simulation Center’s expertise and collaboration in order to develop an educational program on the management of organ donation using simulation. This pilot program ran from October to December 2014. Thirty one (31) NYOPD staff completed the four-module curriculum program designed to enhance proficiency in organ donor management and communication skills. The next phase of the project is to explore the possibility of marketing this customized curriculum to the Organ Procurement Organizations (OPOs) nationwide. This can lead to greater outreach and revenue-generated activity for the Simulation Center.
EXPANDING SCOPE OF SERVICE
DEVOLVED MODEL

The Simulation Center is implementing a Devolved Model to deploy simulation to all NYC Health + Hospitals facilities. In this model, Simulation Center Central ("the hub") is responsible to provide guidance and support to each satellite center while allowing them to identify and meet facility-specific need.

CURRENT STATE OF NYC HEALTH + HOSPITALS SIMULATION CENTER MODEL FOR DEVOLVED SIMULATION

NYC Health + Hospitals / Lincoln
Currently working independently; integration strategy underway; dedicated space; volunteer faculty; simulation equipment

NYC Health + Hospitals / Elmhurst
Center opened September 2015; Clinical Director & Director of Operations positions; volunteer faculty developing; admin and tech support identified; course delivery commenced

NYC Health + Hospitals / Harlem
Merged with the Advanced Life Center; Clinical Director appointed; dedicated space; volunteer faculty; admin & tech support; equipment; Harlem Advisory Council established

NYC Health + Hospitals / Coney Island
Space redevelopment identified; faculty development; Unit-based programs in development

NYC Health + Hospitals / Queens
Will use EHC and develop Unit-based program

NYC Health + Hospitals / North Central Bronx
Unit-based program developed for reopening of L&D units

NYC Health + Hospitals / Carter
Space identified; faculty trained; space development in progress

NYC Health + Hospitals / Kings County
Dedicated space; approval from Executive Director to further develop existing ER space; faculty; some equipment; Unit-based program delivered in ER

Simulation Central (The Hub)
Jacobi Medical Center
Governance
Curriculum Development
Faculty Development
Simulation Design & Specifications
Policies and Procedures
Support for Equipment Purchase & Maintenance
Administrative Oversight & Support

NYC Health + Hospitals / Woodhull
Manikin has been purchased; Unit-based simulation starting in the operating room

NYC Health + Hospitals / Bellevue
OB Unit-based program established; specialized simulation center for infectious diseases in planning stages

What’s the Latest?

- The Simulation Center Elmhurst Hospital opened on September 15, 2015.
- Simulation Center Harlem currently offers two of Simulation Center Central’s core courses.
- Simulation Center Harlem is collaborating with The Fund for NYC Health + Hospitals to obtain grant funding to further build Simulation Center Harlem.

LEARNER INSIGHTS

Well organized and well run course [Cardiac Code Team 2.0], provided non-judgmental environment that encouraged learning.

— M.K., MD
“Unit-based simulation” means simulation that is physically held in the real clinical setting. In March 2014, the Simulation Center began unit-based simulation in Emergency Medicine at Kings County Hospital Center. Since then, this particular form of simulation continues to grow across NYC Health + Hospitals.

Key Accomplishments
• Established unit-based simulation program for Labor and Delivery team at Bellevue Hospital Center and North Central Bronx Hospital; 219 staff training encounters since launched.

• Three unit-based programs in operation to date; resulting in 316 staff training encounters.
• Collaborated with the North Central Bronx Hospital Labor and Delivery team and conducted unit-based simulation to prepare staff when the unit reopened to patient care. The successful collaboration and training were documented, filmed, and featured in The New York Times.

WHAT’S NEXT?
In May 2015, the Simulation Center began the collaboration with Jacobi Medical Center Labor and Delivery team to develop a unit-based simulation program to test the unit systems for escalation and emergency responses, and build teamwork.
RESEARCH ACTIVITIES

Publications


Poster Presentations


— L.O., RN

LEARNER INSIGHTS

Great class, hopefully all providers and healthcare team members will get access to this class.

— L.O., RN
RESEARCH ACTIVITIES
CONTINUED

Oral Presentations


Outreach activities are an important component of sustainability as they create greater awareness of how simulation promotes a culture of patient safety. The Simulation Center continues to welcome the community, professional organizations and other visitors.

**Notable Highlights**

- **Our outreach extended across the world to Southeast Asia.** The Simulation Center's Senior Simulation Specialist, Juan Cruz, MICP, was invited to participate in a medical mission to the Philippines as part of an Advanced Survey Team. Mr. Cruz provided logistical, medical, and education support during the mission. He brought the Simulation Center’s Cardiac Code Team Response Course to the locals. The addition of this training lead to a change in the mission and philosophy of “Life is Great Global”—an international medical aid organization—where education and training assumed a more prominent role.

- **In May 2015,** the Simulation Center hosted the visit from the Renaissance Middle School Nursing Club. The club members are young individuals who have interest in the healthcare field. Accompanied by their teachers, the twenty five (25) club members were engaged in live simulation of various life-saving skills such chest compression, manual ventilation and placement of artificial airway.

  For the third consecutive year, the Simulation Center introduced these future doctors, nurses and other healthcare professionals to the field of “caring and saving.”
This year, we have identified an additional 44 individuals from all 11 facilities who have the skills to be an effective simulation educator. All of them received formal training on healthcare simulation and education. The Simulation Center is committed to further developing this group of talent.
WISER iSIM Symposium
In April 2015, the Simulation Center hosted Simulation Symposium with a three-day WISER iSIM Course. Twenty-five (25) staff from across NYC Health + Hospitals completed the training that will enable them to develop proficiency in using simulation in healthcare education.

International Meeting for Simulation in Healthcare (IMSH)
In January 2015, select Simulation Center faculty attended the annual International Meeting for Simulation in Healthcare (IMSH). IMSH has been the premier healthcare simulation educational event worldwide.

Katie Walker, RN, Simulation Center Director, was a key contributor/presenter at the event. In addition, Simulation Center faculty authored several poster presentations which were featured during this international meeting. Our faculty brought back from the conference the latest information on products, services, and technologies in healthcare simulation.

FELLOWSHIP IN HEALTHCARE SIMULATION PROGRAM
Established in 2011, the Simulation Center Fellowship in Healthcare Simulation Program provides NYC Health + Hospitals staff an opportunity to gain broad scholarly and practical exposure to the field of healthcare simulation. This year, the following Fellows successfully completed the program:

Suzanne Bentley, MD  
Elmhurst Hospital Center  
Emergency Medicine

Richard Shin, MD  
King County Hospital  
Emergency Medicine

Kristen Uquillas, MD  
Bellevue Hospital Center  
Obstetrics & Gynecology

THE GOAL
The overall goal of faculty development is to facilitate the integration of experiential learning concepts into education curriculum development and delivery.

RESOURCES
FACULTY DEVELOPMENT

LEARNER INSIGHTS
Excellent instructors, held everyone’s attention for the three hours and kept enthusiasm high.

— B.S., MD; PGY3
The Council provides general advice and counsel with regard to the strategic direction of the Simulation Center program. It recommends preferred metrics and data inputs for program development and evaluation. Annually, the Council reviews the Simulation Center mission and vision and provides guidance for Simulation Center’s annual work plan for strategic development and quality improvement. Membership consists of selected NYC Health + Hospitals leadership and key stakeholders.

Machelle Allen  Healthcare Improvement, NYC Health + Hospitals
Janette Baxter  Risk Management, NYC Health + Hospitals
Raven Carter  Patient Centered Care, NYC Health + Hospitals
Arthur Cooper  Professor of Surgery, NYC Health + Hospitals/Harlem
Laura Evans  Chief of Pulmonary/Critical Care, NYC Health + Hospitals/Bellevue
Caroline Jacobs  Chief Patient Safety Officer, NYC Health + Hospitals
Lauren Johnston  Chief Nursing Officer, NYC Health + Hospitals
Paul Kastell  Chief of Obstetrics, NYC Health + Hospitals/Woodhull
Carl Kirton  Chief Nursing Officer, NYC Health + Hospitals/Lincoln
Eric Lagome  Chief of Emergency Medicine, NYC Health + Hospitals/Kings County
John Maese  Medical Director, NYC Health + Hospitals/Coney Island
Evelyn Montecer  Nursing Education, NYC Health + Hospitals/Lincoln
Katie Walker  Simulation Center Director
Bill Walsh  Senior Vice President, NCBH Network
Ross Wilson  Chief Medical Officer, NYC Health + Hospitals

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