

News at NYSIM

NYSIM Highlights—Graduate & Continuing Education programs

It has been a terrific year at NYSIM for GME/CME programs. Thanks to the incredible hard work and collaboration of everyone at NYSIM, we have developed, implemented, and taught exceptionally meaningful programs in procedural skills, professionalism, patient safety, feedback, teamwork, and resuscitation to our vast array of learners across the GME/CME continuum.

On the GME side, once again, all incoming interns participated in our hugely successful First-Night-On-Call program. Participants were immersed in numerous patient safety activities utilizing all the strengths of NYSIM and its staff from high-fidelity simulation, to OSCE's, to classroom didactics, and procedural workshops. Reinforcing the institution's culture of safety, interns were taught the importance and necessity of escalating complex problems, reporting medical errors, obtaining informed consent, giving meaning handoffs, and checking patient identifications.

The majority of clinical departments utilized NYSIM for their GME trainees to enhance clinical skills, procedural competencies, and professionalism. Emergency Medicine, Anesthesia, OB/Gyn, Internal Medicine, and Pediatrics were all engaged in using high-fidelity simulation and procedural task trainers on a routine basis. Pediatrics also developed an in-situ program on the Pediatric Wards at Tisch and Hassenfeld which has been extremely successful in building interdisciplinary teamwork between physicians and nurses while teaching complex pediatric resuscitations.

Departments like Neurology, Neurosurgery, and Radiation Oncology have entered the NYSIM fold having developed OSCE's in professionalism, breaking bad news, and medical errors. We are very excited to have collaborated on these new creative programs that can also be used as templates for other departments. Other departments such as General Surgery, Orthopedics, Radiology, and Psychiatry continue to run or are in discussions to implement further programs.

Perhaps the most major and exciting growth has come in NYSIM's role in faculty development programs. The leaders of Emergency Medicine and Physical Medicine and Rehabilitation have collaborated on a program utilizing standardized patients in OSCE's to teach feedback skills to faculty, a challenging skill for many. Internal Medicine has continued their E for E program to promote faculty learning. This year for the first time, both the GMELD (Graduate Medical Education Leadership Development) and UMELD (undergraduate Medical Education Leadership Development) programs utilized NYSIM for OSCE's with standardized residents to teach program directors how to have difficult conversations with struggling residents and faculty. NYSIM also played an integral role in this year's Educator Community Education Day, providing a feedback OSCE workshop for seasoned educators and faculty.

There has also been tremendous expansion at NYSIM for teaching faculty procedural skills. Hospitalists from internal medicine have been actively engaged in ultrasound and procedural workshops to build competence and confidence in performing these skills on the wards.

It is clear that the extraordinary staff at NYSIM deserves tremendous credit for having been able to accomplish so much in the past year in the world of GME/CME. Exciting and creative programs will surely be expanded to include other departments as word spreads of the educational opportunities and successes that you have created for so many learners of all disciplines and all learner levels.

We look forward to an even greater 2019, as we put 2018 in our rear mirror.

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NYSIM Highlights—Multidisciplinary Bedside Procedural Education Course for Hospitalists

Primary inpatient teams at NYU Langone Health are not performing certain bedside procedures due to lack of procedural comfort, resulting in delays in patient care, subspecialist over-utilization, and a lost opportunity for house staff procedural education.

As such, and as part of a value-based medicine (VBM) initiative, we created a course for NYULH Hospitalists to develop baseline competence and foster confidence in performing comprehensive bedside lumbar puncture (LP) and abdominal paracentesis (AP) procedures.

Twenty seven NYULH Hospitalists in divided groups underwent a half-day course at New York Simulation Center for the Health Sciences between September and December 2017. The course comprised pre-videos, didactics, and small-group sessions with multidisciplinary expert faculty utilizing partial task trainers, procedural kits, standardized patients, and procedural checklists. The multidisciplinary instructor team included faculty from Pulmonary/Critical Care (Deepak Pradhan, MD, FCCP; Vikram Mukherjee, MD, MBBS; Mark Adelman, MD), Emergency Medicine (Masashi Rotte, MD), Gastroenterology (Melissa Latorre, MD) and Neurocritical Care (Aaron Lord, MD).

After the course, learners felt more confident in their knowledge with individual elements of both LP and AP procedures (indications, kit components, relevant anatomy, measuring opening pressure, using US to identify a safe site, sending samples for studies), overall confidence performing LP and AP procedures, and reported significantly increased likelihood to perform both these procedures as opposed to consult another provider.

Thus, this blended learning design procedural education course for Hospitalists with limited recent procedural experience and confidence resulted in tangible improvements in knowledge and confidence performing bedside LP and AP procedures in a simulation center. The next ongoing steps of this VBM initiative will be supervised clinical practice in preparation for unsupervised care, and potential program expansion to other relevant bedside procedures.

NYSIM IT Update

We are happy to announce that we have upgraded SimulationIQ to the latest release Pluto. The new release includes an updated interface to the user dashboard and improves the stability of the application. If you have any questions regarding this release, please feel free to contact us at nysimIT@nyulangone.org.

Upcoming Events at NYSIM

Comments, suggestions and questions to NYSIM@nyumc.org are always welcome to create a better learning and teaching environment for our faculty and learners.

NYSIM Instructor Course 2019

The 3-day NYSIM Instructor Course focuses on debriefing skills and simulation design. Sessions include Objective Oriented Debriefing, Advanced Debriefing Topics and Simulation Scenario Design. Breakfast & lunch are provided.

Please email Soma.Roy@nyulangone.org with questions.

To register click the following link: <http://www.nysimcenter.org/courses/instructor-courses>

January 15—17, 2019 (T/W/TH) - Waitlist Only

February 11—13, 2019 (M/T/W) - Registration Open

March 5—7, 2019 (T/W/TH) - Registration Open

July 15—17, 2019 (M/T/W) - Registration Open

August 13—15, 2019 (T/W/TH) - Registration Open

November 5—7, 2019 (T/W/TH) - Registration Open

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