

Evolving Resources for Clinical Replacement (not exhaustive list). Educator responsible for selecting and vetting resources to meet objectives.

Virtual Simulations and Pre-Recorded Simulations with Guided Reflection / Debriefing Questions (no particular order)	
Ryerson Virtual Healthcare Experiences	<p>Free Virtual Scenarios for the following:</p> <ul style="list-style-type: none"> • Emergency • Pediatrics • Maternal and Child • Mental Health
Global Networking for Simulation in Healthcare	<p>Free Team Engagement patient safety cases --- 30 Minute Weekly Initiative: http://www.gnsh.org/30-minute-weekly-initiative/teamengagements/</p> <p>The GNSH 30 Minute Weekly Team Engagements create a safe space for healthcare teams to directly address leading causes of harm to patients globally: communication and teamwork. The Team Engagements are built around real patient stories upon which targeted questions engage teams to understand the most common clinical challenges, address team specific communication issues, and determine how to collectively work with daily system gaps through structured facilitated discussions. The 30 Minute Weekly Team Engagements are easy to implement cases that are freely available to every healthcare team around the world and can be a foundational element to minimize preventable errors and significantly reduce patient harm.</p> <ul style="list-style-type: none"> • Sepsis • Medication errors • Healthcare Associated Infections (HAI) • Care teams
AAVMC	<p>ONE Health cases FREE – public health ideas - https://www.aavmc.org/one-health/case-studies.aspx</p> <ul style="list-style-type: none"> • Bordetella Infections in Cystic Fibrosis Patients • Staphylococcus pseudintermedius: Look What the Dog Dragged In? • Q Fever in the Suburbs: Zoonotic Disease Outbreak Tabletop Training Exercise • Brucella suis: A Re-emerging Pathogen at the Human, Livestock, and Wildlife Interface. • Of Dogs and Men: Methicillin-resistant Staphylococcus aureus • Chagas Disease: Connections Between Humans, Animals and the Ecosystem • When Nature Strikes! An Unusual Infection in a Child from New Orleans, LA • Lead Poisoning • Animals, Humans and the Environment in the Epidemiology of Chikungunyavirus • A Veteran and His Dog OUR CASE with UNC and NCSU around carbon monoxide poisoning • Care of Immunocompromised Individuals: The Role of Companion Animals in Mental Health • Pet Ownership • Human-Animal Interaction • More Than Just Companions: The Role of Animal Assisted Therapy In Prevention, Health, and Wellness • The Pathomechanics of Degenerative Joint Disease: A One Health Comparative Case Study Approach

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<p>Montgomery College Simulation Scenario Library</p>	<p>Nursing Simulation Library with pre-recorded simulations. Each simulation scenario has a PDF link with guided reflection/debriefing questions.</p> <ul style="list-style-type: none"> • Cultural Sim • Eating Disorders • End of Life • Managing Incivility • Medical Error • Opioid Withdrawal • Postpartum Hemorrhage • Sepsis • Trans and Gender Non-Conforming Identified Patient Care
<p>Emergency Medicine (EM) Sim Cases</p>	<p>EM Sim Cases offer a variety of simulation ideas including the following:</p> <ul style="list-style-type: none"> • Suspected COVID19 • Suspected COVID19 (part 2) • Pediatric Airway Obstruction • Sepsis/Cholangitis • Hyperkalemia • Ventricular Tachycardia • Pulmonary Edema • Pulmonary Embolism • Seizure
<p>Ontario Simulation Alliance</p>	<p>Online Virtual Sims</p> <p>CAN-SIM – Canadian Alliance of Nurse Educators offers a free virtual scenario on the following topics:</p> <ul style="list-style-type: none"> • Care of the elderly patient with urosepsis • Care of the adult experiencing diabetic ketoacidosis • Care of the adult experiencing respiratory distress

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Online Virtual Simulation Programs (Purchase Required) (no particular order)	
<p>Wolters Kluwer Lippincott, NLN, Laerdal Vsims</p>	<p>Each Vsim contains a pre-sim quiz, Vsim, post-sim quiz, documentation assignments, and guided reflection questions</p> <ul style="list-style-type: none"> • Fundamentals • Med-Surg • Maternity • Pediatrics • Gerontology • Pharmacology • Health Assessment • Mental Health
<p>Shadow Health</p> <p>Currently offering a discount</p>	<p>Shadow Health's Digital Clinical Experiences allow nursing students to demonstrate and perfect their clinical reasoning skills through life-like interactions with Digital Standardized Patients. Digital Clinical Experiences are powered by their Conversation Engine which allows learners to ask questions and get responses from the client if using Chrome platform. Products include:</p> <ul style="list-style-type: none"> • Health Assessment • Advanced Health Assessment • Pharmacology • Advanced Pharmacology • Mental Health • Gerontology • Leadership
<p>Aquifer</p>	<p>Aquifer is dedicated to delivering the best health care education through collaborative development and research into innovative, high-impact virtual teaching and learning methods for health professions education.</p> <p>Some courses for subscription:</p> <ul style="list-style-type: none"> • Addiction • Family Medicine • Geriatrics • Internal Medicine • Pediatrics' • Radiology

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	<p>Some Free Cases on Key Topics:</p> <ul style="list-style-type: none"> • Culture in Healthcare • Diagnostic Excellence • High Value Care • Medical Home • Oral Presentation Skills
<p>ATI Real Life Scenarios</p>	<p>ATI offers Real Life Scenarios for students. These could easily be done via virtual platform. To augment the learning experience there are resources for faculty. Each lesson plan offers an educator implementation guide and documents for creating a clinical day substitution, small group interaction, and a flipped classroom.</p> <p>In ATI access the following: Resources → Products and Integration → Real Life Clinical Reasoning Scenarios:</p> <ul style="list-style-type: none"> • RN Medical Surgical Lesson Plans • RN Maternal Newborn Lesson Plans • RN Mental Health Lesson Plans • RN Nursing Care of Children Lesson Plans
<p>AD Instruments Interactive Cases</p> <p>Free Trial Until June 30th!</p>	<p>AD Instruments Interactive Cases</p> <p>See the nursing content for cases that each include patient history, videos of the patients describing their symptoms, associated diagnostic tests and other care provider videos – all presented as modules with questions for students to answer.</p>
<p>safeMedicate</p>	<p>Develop and assess competence for safe drug calculations. A unique e-learning solution that addresses the problem of medication error by supporting the development and assessment of competence for safe medication practice.</p> <p>https://www.safemedicate.net/</p>
<p>Nurse Think</p> <p>**currently offering free 30-day trial**</p>	<p>Vclinicals with a focus on prioritization, delegation, and sequential thinking</p> <p>Link to preview some of the video samples: https://nursethink.com/vclinical</p> <p>This page also has access to requesting the free 30-day trial OR Contact help@nursethink.com to request free trial from Nurse Tim</p>

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<p>California Simulation Alliance</p> <p>Open access during COVID-19 crisis check website for details</p>	<p>California Simulation Alliance Subscribe (\$400) in order to have access to download the scenarios https://www.californiasimulationalliance.org/</p> <p>The scenarios have been developed, validated and tested by CSA subject matter experts. QSEN and TeamSTEPPS competencies have been integrated in all scenarios where appropriate. As a subscriber, you have access to these scenarios. The distribution and reproduction of these scenarios is prohibited.</p> <p>Also available: YouTube scenarios of sims to be used as a training mechanism with pre-brief and debrief.</p>
<p>Swift River Virtual Clinicals</p>	<p>Virtual Clinicals Available for Purchase (Free Trial Available):</p> <ul style="list-style-type: none"> • ER Leadership • Dosage Calculation • Medical-Surgical • Medication Administration • Obstetrical Triage • Mental Health • Pediatrics
<p>NovEx</p>	<p>Healthimpact.org Online simulation program created by Patricia Benner to onboard nurses but are applicable to nursing students. \$300 for 50 cases 50-75 hours of clinical simulation time.</p>
<p>Healthcare Learning Innovations</p> <p>Virtual Clinical Simulation Demonstration (Free Webinar) April 15, 2020 Exploring Sentinel City and Sentinel Town</p>	<p>Virtual Clinical Simulations / Virtual Scenarios</p> <p>Clinical Simulations • Sentinel City • Sentinel Town • Sentinel Hospital</p> <p>Clinical Scenarios • Prioritization of Care • Patient Management & Delegation • Nursing Quality Indicators • Family Support & Home Assessment</p> <p>Sentinel World \$79/student Includes Sentinel City, Town & Family Support and Home Hazard Assessment</p> <p>Sentinel City \$69/student Includes Family Support and Home Hazard Assessment</p> <p>Clinical Scenarios – \$39/scenario per student Institutional licensing available</p>

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<p>Oxford Medical Simulation **Distance Learning Platform Free Trial Available**</p>	<p>Distance Education in Light of COVID-19! http://oxfordmedicalsimulation.com/distance-learning-covid-19/ OMS has quality, standardized simulation scenarios, feedback, and blended learning</p>
<p>Free Simulation Scenarios Online – Easily Adaptable to a Virtual Lesson Plan and or Case Study Assignment</p>	
<p>Quality and Safety Education for Nurses (QSEN)</p>	<p>Extensive Library of Simulations and Learning Activities</p> <ul style="list-style-type: none"> • Postpartum Hemorrhage • Med Administration • Respectful Conversations for Difficult Situations • End of Life • Tornado Disaster Sim • Pediatric Sim and Unfolding Case Study • OB Unfolding Case • Utilizing SBARR • Care of the Post-CABG Patient, and many more...
<p>NLN Advancing Care Excellence Series (ACES Cases)</p> <p>***NLN is offering free webinars on Advancing Care Excellence for Caregivers March 25*** FREE NLN WEBINARS</p> <p>NLN Town Hall Strategies for Online Teaching and Learning</p>	<p>The National League for Nurses has an extensive series of unfolding simulation cases.</p> <ul style="list-style-type: none"> • NLN ACE.S – Advancing Care Excellence for Seniors 4 unfolding cases http://www.nln.org/professional-development-programs/teaching-resources/ace-s • NLN ACE.Z – Advancing Care Excellence for Alzheimer’s Patients and Caregivers 3 unfolding cases http://www.nln.org/professional-development-programs/teaching-resources/ace-z • NLN ACE.V – Advancing Care Excellence for Veterans 3 unfolding cases http://www.nln.org/professional-development-programs/teaching-resources/veterans-ace-v • NLN ACE.D – Advancing Care Excellence for Persons with Disabilities 2 unfolding cases www.nln.org/professional-development-programs/teaching-resources/ace-d/unfolding-cases • NLN ACE.P – Advancing Care Excellence Pediatrics 3 unfolding pediatric cases http://www.nln.org/professional-development-programs/teaching-resources/ace-p • NLN ACE.C – Advancing Care Excellence for Caregivers 3 unfolding case www.nln.org/professional-development-programs/teaching-resources/ace-c <p>*NLN has a dedicated webpage for COVID-19 NLN Coronavirus Resource Center</p>

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<p>TeamSTEPPS®</p>	<p>TeamSTEPPS® [Team Strategies and Tools to Enhance Performance and Patient Safety] teamwork and communication curriculum developed by the Department of Defense (DoD) in collaboration with the Agency for Healthcare Research and Quality (AHRQ) http://teamstepps.ahrq.gov/ Free curriculum and videos in curriculum focused on communication, teamwork and collaboration.</p>
<p>The Sim Tech Scenarios</p>	<p>Although the scenarios do not have detailed lesson plans for student work, the content provides a basis for creating student assignments to match the content:</p> <ul style="list-style-type: none"> • Abdominal Trauma • Adrenal Crisis • Anaphylaxis (inpatient) • Anaphylaxis (bee sting in an 8-month old) • Apnea • Asthmatic Protocol for ED • Atrial Fibrillation • Burn (Cigarette Fire) • Burn (Meth Lab Explosion) • Cardiac Arrest • Chest and Abdominal Trauma • Crohns • DKA • ETOH withdrawal • HTN • Hypoxia • PPH • Sepsis • Shock • Snake Bite • Stroke

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<p>Gero Clin Sim UNC Chapel Hill</p>	<p>Free Clinical Simulation Cases / Resources / Toolkits created by UNC Chapel Hill via a HRSA Grant</p> <p>Geriatric Clinical Simulation at the University of North Carolina, Chapel Hill</p> <p>Simulations cover scenarios ranging from acute exacerbations of chronic conditions to sentinel events, such as falls. Select clinical simulations incorporate interdisciplinary content that facilitates communication between nurses and physicians.</p> <p>Cases Free but have to register. http://geroclinsim.org/</p> <ul style="list-style-type: none"> • Acute Pain • Urinary Incontinence • Pressure Ulcers • Falls • COPD • Depression • Hyperglycemia • Delirium • UTI • Dehydration • Restraints • Sepsis • Pneumonia • Weight Loss • Transient Urinary Incontinence • Polypharmacy • End of Life • Chronic Pain
<p>Northwest Coalition for Geriatric Nursing Education</p>	<p>Gero Nursing Ed is a free public collection of geriatric nursing education resources for school of nursing faculty who want to include content on older adults in their undergraduate and associate degree curricula. Gero Nursing Ed is a product of the Northwest Coalition for Geriatric Nursing Education and funded by the John A. Hartford Foundation Center of Geriatric Nursing Excellence at Oregon Health & Science University and by the schools and colleges of nursing in the NW Coalition for Geriatric Nursing Education. http://www.geronursinged.org/</p>

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Health Education England	<p>Series of Simulation Scenarios that are developed for on-campus simulation. Using these sims would require students to be in the sim lab, but ideas are always adaptable with a creative mind! Excellent topics for consideration (137 scenarios split into eight categories):</p> <ul style="list-style-type: none"> • Anesthetics • Core Medicine • Surgery • Foundation • General Practice • Pediatrics • Psychiatry • Emergency Medicine
California Maternal Quality Care Collaborative	<p>Free Resources and Toolkits</p> <ul style="list-style-type: none"> • Cardiovascular Disease Toolkit • Early Elective Deliveries Toolkit • OB Hemorrhage Toolkit • Preeclampsia Toolkit • Sepsis Toolkit • Supporting Vagina Birth and Reducing Primary Cesareans Toolkit • Venous Thromboembolism Toolkit
<p>Case Studies and Free Online Courses / Webinars</p>	
World Health Organization COVID19 3-hour Course	<p>The World Health Organization has a free 3-hour course that provides a general introduction to emerging respiratory viruses, including novel coronaviruses.</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> *The nature of emerging respiratory viruses, how to detect and assess and outbreak, strategies for preventing and controlling outbreaks due to novel respiratory viruses *What strategies should be used to communicate risk and engage communities to detect, prevent and respond to the emergence of a novel respiratory virus
<p>Other COVID-19 resources</p>	<p>https://www.coursera.org/learn/covid-19</p> <p>https://emsimcases.com/2020/02/18/suspected-covid-19/</p>

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<p>Hospital Preparedness for Managing Coronavirus CAE Free Sim and Webinar</p>	<p>CAE is offering a free downloadable simulation related to Coronavirus to cover:</p> <ul style="list-style-type: none"> • Infection control practices (ICP) • Proper identification of coronavirus • Implementation of proper personal protective equipment (PPE) • Conducting safe patient triage and containment
<p>John Hopkins Medicine Case Studies</p>	<p>Free Case Studies:</p> <ul style="list-style-type: none"> • Posttraumatic Stress Disorder • Pre-Surgical Evaluation and Management of the Older Patient • Pharmacologic Treatment of Depressive Symptoms in Hemodialysis • Osteoporosis Impact in and Older Adult • An Unusual Case of Syncope • A Case of Depression in a Patient with Dementia
<p>University of Washington Resources and Training</p> <p>medEDPORTAL https://www.mededportal.org/collections/</p>	<p>Free Resources</p> <p>Online Training and Toolkits: Heart Failure Curriculum Series of tutorials (modules) on the essential components of heart failure care https://collaborate.uw.edu/resources-and-training/online-training-and-toolkits/heart-failure-learning-resources/online-modules/</p> <p>Curricula and Facilitator Guides (medEdPORTAL – The Journal of Teaching and Learning Resources) --- Many sims can be converted to virtual setting https://collaborate.uw.edu/resources-and-training/curriculum-and-facilitator-guides/</p> <p>Error Disclosure Training: https://www.mededportal.org/publication/10606/</p> <p>Recognizing Child Maltreatment: https://www.mededportal.org/publication/10712/</p> <p>Brown Bag Simulation to Improve Med Management in Older Adults: https://www.mededportal.org/publication/10857/</p>
<p>OPENPediatrics</p>	<p>Click on ‘Courses_Free Self-Paced Training’ Students and Faculty are able to register for a free account Courses available from 30 minutes to 15 hours long Required coursework and certificates available to validate</p>

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Medline Case Studies and Webinars	Free articles, videos, webinars, and CE Courses: https://www.medlineuniversity.com/home
Lewis Blackman Story	Lewis Wardlaw Blackman (1985-2000). A healthy, gifted 15-year-old, underwent elective surgery at MUSC. In one of the state's most modern hospitals, he bled to death over 30 hours while those caring for him missed signs that he was in grave peril. <ul style="list-style-type: none"> • Purchase DVD From Tears to Transparency” Series: “The Story of Lewis Blackman” DVD Learning Program. http://www.transparentlearning.com/seriesdescription.html ~\$695.00 • OR view it at https://www.youtube.com/watch?v=Rp3fGp2fv88 (run time 56:14 minutes) • QSEN.org -videos- <i>The Lewis Blackman Story</i> Helen Haskell is the mother of Lewis Blackman is a 15-year-old boy who died in a hospital following routine surgery. The videos were part of a lecture and interviews with Ms. Haskell recorded at the UNC-Chapel Hill School of Nursing in summer 2009. http://qsen.org/faculty-resources/videos/the-lewis-blackman-story/
Josie King Foundation Video and guided questions, but still pertinent to patient safety and errors	The Josie King Foundation has a partial curriculum available on the website that goes along with the DVD. Denham, C., King, S., Texas Medical Institute of Technology, & Johns Hopkins Hospital. (2007). <i>The Josie King story told by Sorrel King</i> (Version 7.0. ed.). Austin, Tex.]: TMIT. The Josie King story told by Sorrel King Charles R Denham; Sorrel King; Texas Medical Institute of Technology. c2007 Austin, Tex. : TMIT Great discussion about patient safety and errors. On the main page go to JFK Tools, Josie’s Story a Patient Safety Curriculum, scroll down and click on preview. It provides the basis of the curriculum including some great guided debriefing questions. PDF: http://josieking.org/wp-content/uploads/2015/09/JKF-curriculum-selectionpages_11.pdf You can watch the 13 minute video on You Tube: https://www.youtube.com/watch?v=b2DQg7JNwKI OR a clip of it made for QSEN (4 min): https://www.youtube.com/watch?v=b2DQg7JNwKI
Defining Hope Video Segments	Available to rent on Amazon Prime for \$3.99: https://www.amazon.com/Defining-Hope-Rudolph-Bilotti-Sr/dp/B07D4Q3NXL https://hope.film/study-guide-videos-full-version/?utm_source=Real%20Magnet&utm_medium=Em2&utm_campaign=Defining_Hope The American Nurses Foundation has a free downloadable study guide and learning objectives: https://www.nursingworld.org/foundation/programs/defining-hope/

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	<ol style="list-style-type: none"> 1. Discuss key factors that affect patient and family decision making about end-of-life care. 2. Differentiate between hospice and palliative care. 3. Compare and contrast the terms sympathy and empathy. 4. Discuss internal conflicts that people may encounter when making decisions about whether to pursue aggressive treatment for life-threatening illnesses. 5. Describe the role of the nurse in palliative care/hospice settings. 6. Discuss how family members play a significant role in decision making surrounding care choices.
CDC Training and Continuing Education Online	<p>Click on ‘Search Courses’ Browse Topics → Plethora of Continuing Education Resources – All Free</p>
CDC Train	<p>Faculty and Students Need to Create an Account and a Profile Large Selection of webinars on every topic you can imagine Once an account is created the program will track all completed work</p>
Nurse Mentor Case Studies	<p>Sign up for an account and the site will allow you access to one free case study titled: Healthcare Disparities and Cultural Competence The content includes a case of an elderly patient with Type 2 diabetes who requires a translator Instructor Version of PowerPoint and Simulation; Student Version of PowerPoint and Simulation; Student Worksheet Weblinks: Healthy People 2020 Disparities Health Disparities Tool User Guide</p>
<p>Harding, M. & Snyder, J. (2020). <i>Clinical Reasoning Cases in Nursing. (7th edition)</i>. St Louis, MO: Elsevier.</p> <p>Available in Kindle Version</p>	<p>Clinical Cases in Nursing that focus Across the Lifespan on topics related to:</p> <ul style="list-style-type: none"> ● Perfusion ● Gas Exchange ● Mobility ● Digestion ● Urinary Elimination ● Intracranial Regulation ● Metabolism and glucose regulation ● Immunity ● Cellular regulation ● Tissue Integrity

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	<ul style="list-style-type: none"> • Cognition • Infection and Inflammation • Developmental • Reproductive • Mood, Stress, and Addiction
<p>Medical Cannabis: What Nurses Need to Know</p>	<p>Case Study with Questions / Answers Excellent overview of the science and research related to medical cannabis Theisen, E & Konieczny, E. (2019). Medical cannabis: What nurses need to know. American Nurse Today, Vol.14(11), p.6-11. Retrieved from: https://www.myamericannurse.com/medical-cannabis-what-nurses-need-to-know/</p> <p>Download the PDF to get full article with Case Study Questions In addition to the case study and questions have students access the following website: https://portal.ct.gov/DCP/Medical-Marijuana-Program/Medical-Marijuana-Program-Caring-for-Patients-Using-Medical-Marijuana NCSBN National Nursing Guidelines for Medical Marijuana NCSBN Medical MJ On the right hand side of the NCSBN page there are lots of resources for position statements on the use of MJ Medical Marijuana Related Articles on NCSBN</p> <p>American Cannabis Nurses Association LINK: https://cannabisnurses.org/ Huge collection of resources including online courses; activists sites, and general info ACNA has a Medical Cannabis Curriculum for Nurses; 8 CNE Contact Hours; \$125</p> <p>*** Build on this by converting this pediatric marijuana ingestion sim into a case study exercise https://www.mededportal.org/publication/10780/</p>
<p>Free Sepsis Case Studies</p> <p>Fee to access 100's of case studies</p>	<p>KeithRN has some free resources Use this LINK: https://www.keithrn.com/resources/ Scroll all the way to the bottom to download the FREE SEPSIS Case Studies</p> <ol style="list-style-type: none"> 1. Sepsis SKINNY Reasoning Case Study 2. Sepsis UNFOLDING Reasoning Case Study <p>Valuable Blog Post: How to Use Unfolding Case Studies as a Clinical Replacement Activity https://www.keithrn.com/2020/03/how-to-use-unfolding-case-studies-as-a-clinical-replacement-activity/</p> <p>Fees for Access to All Case Studies: \$449 annual payment – over 250 case studies</p>

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Resources for Listening to Heart Sounds	
University of Washington Heart Sounds and Murmurs	Audible heart sounds and murmurs for the following: Normal heart sounds; murmurs; aortic stenosis; mitral regurgitation; pulmonic stenosis; aortic insufficiency; mitral stenosis; benign murmur; atrial septal defect; ventricular septal defect; patent ductus arteriosus; extra heart sounds; split S2; S3; S4; rubs; pericardial rubs
Heart Sound and Murmur Library	Quality heart sounds; easy to navigate webpage
Easy Auscultation Heart Sounds Lung Sounds Blood Pressure	Free courses on heart sounds, lung sounds, and blood pressure
Littman Heart Sounds Course	Short heart sounds courses including descriptions, waveforms, audible heart sounds, and anatomy. Question and Answers built into each topic. Topics include: normal heart sounds; reduced intensity heart sounds; splitting of second heart sound; third heart sound gallop; fourth heart sound gallop; summation gallop; fixed splitting of second heart sound; mid-systolic click; mitral valve prolapse; aortic stenosis; aortic regurgitation; mitral regurgitation; mitral stenosis
Faculty development in simulation (online)	
INACSL Standards of Best Practice: SimulationSM	The International Nursing Association for Clinical Simulation and Learning (INACSL) has developed the INACSL Standards of Best Practice: Simulation SM to advance the science of simulation, share best practices, and provide evidence-based guidelines for implementation and training. The INACSL Standards of Best Practice: Simulation provide a detailed process for evaluating and improving simulation operating procedures and delivery methods that every simulation team will benefit from. Adoption of the INACSL Standards of Best Practice: Simulation demonstrate a commitment to quality and implementation of rigorous evidence-based practices in healthcare education to improve patient care by complying with practice standards. INACSL.org website
ASPE Standardized Patient Standard	The standards were written to ensure the growth, integrity and safe application of SP-based education practices. The standards identify five domains: safe work environment; case development; SP training for role portrayal, feedback, and completion of assessment instruments; program management, and professional development. The domains are divided into principles which are elucidated by key practices that offer practical guidelines for desired outcomes and safe simulation practices. https://www.aspeducators.org/standards-of-best-practice- website

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Healthcare Simulation Dictionary	<p>The Agency for Health care Research and Quality (AHRQ) has partnered with the Society for Simulation in Healthcare (SSH) and its many affiliates to produce this comprehensive Healthcare Simulation Dictionary and disseminate it widely as part of SSH and AHRQ’s mission to improve patient safety, which includes simulation research.</p>
<p>Massive Open Online Course</p>	<p>Free Course from George Washington School of Nursing Essentials in Clinical Simulations Across the Health Profession MOOC (Massive Open Online Course) 7 Modules https://www.coursera.org/learn/clinicalsimulations You can select to receive a certificate of completion for \$49.00 or take the course for free.</p>
<p>NLN SIRC</p>	<p>The Simulation Innovation Resource Center (SIRC) National League for Nursing http://sirc.nln.org/ The SIRC is an online e-learning site for nursing faculty to learn about simulation and ways to integrate it into their curriculum. It provides various ways for faculty to engage with experts and peers. Simulation-Based Interprofessional Education http://sirc.nln.org/mod/resource/view.php?id=789</p>
<p>SSH CHSE</p>	<p>Certified Healthcare Simulation Educator (CHSE) administered by SSH https://www.ssih.org/Certification/CHSE/Exam-Information</p>