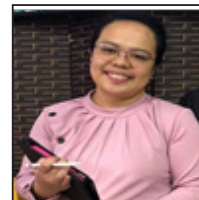


Simulation-Based Training (SBT) for Clinical Pharmacist: Applications, Challenges and Limitations

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Abstract

Simulation-Based Training (SBT) is an “educational tool” that enhances both individual task delivery and team performance providing a safe environment for learners to develop technical and non-technical skills. The utilization of modalities such as manikins, task trainers, virtual reality, serious games and Standardized Patients (SP) increases learner engagement to upgrade interprofessional skills like team work and communication. Other skills enhanced includes arriving to accurate patient centered decisions, task prioritization and working safely in a multi-professional team mirroring the “real clinical set-up.” “Modern” healthcare system has significantly changed over the past 15 years and has made a great impact in the “paradigm shift” of pharmacists’ duty, from a medication – centered to a patient-centered role. Furthermore, “profession specific” training to pharmacy students is rather not enough since they are to work as a member of an interprofessional team in the clinical setting. Poor, unclear and untimely communication between healthcare professionals are the leading cause of medication and prescribing errors, requiring the need for pharmacists to work and to collaborate with doctors for a correct and optimized prescribing outcome. Also, educators can take advantage of SBT to prepare clinical pharmacists as they move from classroom to the clinical setting. This great evolution and the advancements in healthcare warrants a high demand on novel methods to develop and enhance individual task delivery and team performance, thus, Simulation-Based Training is a very promising solution to this “modern” healthcare challenge. This presentation will attempt to show the applications, challenges and limitations of Simulation- Based Training for Clinical Pharmacists.



Biography

Charmaine Co-Enarsico, Master in Nursing, Major in Nursing Administration in Education; is a Simulation Clinical Educator at the Simulation and Skills Development Center (SSDC), Princess Nourah Bint Abdulrahman University (PNU), Riyadh, KSA. She is a member of SSDC Curriculum Review Committee and the Coordinator for Simulation of the College of Medicine and Dentistry. She is a Basic Life Support (BLS) Instructor-American Heart Association (AHA). She is passionate about lifelong learning and teaching and is in the field of education since 2005 starting young as a faculty in Saint Louis University, School of Nursing, Baguio City, Philippines. Her humble beginnings made her believe that education must be nurturing that torturing. She was awarded as having the “Innovative Idea Award” in the 1st SimGhosts Conference 2020 held at Princess Nourah Bint Abdulrahman University, Riyadh KSA.