

Development of Simulated Inpatient Pharmacy Activities to Prepare Pharmacy Students for Advanced Pharmacy Practice Experience (APPEs)

Abstract

Introduction: Simulations are one of the best practice tools pharmacy schools have. It allows the school to assess students' current skills, as well as prepare students for upcoming Advanced Pharmacy Practice Experiences (APPEs). At Southern Illinois University Edwardsville, third-year pharmacy students had their first inpatient simulation in the fall of 2020. Students also completed a survey to provide a more detailed feedback of their experiences. The feedback given provided what activities the students felt they did well in, the activities that the students felt they needed improvement in, as well as any overall suggestions the students had about the simulation. **Methods:** The intent of this project is to use this feedback to create a new simulation to enhance the experience for future course offerings. The new simulation's activities included product verification; IV compatibility; SBAR handoff; conversion of IV to by mouth (PO); warfarin dosing; and a warfarin counseling scenario. **Future Studies:** This simulation will be trialed and implemented in the fall of 2021 and continued for the spring of 2022 intersession. Assessment of the students will be completed with an objective based rubric for the counseling scenario and a worksheet for the rest of the activities of the simulation. Students will be surveyed to assess outcomes to improve and develop and new activities for future inpatient simulations.