

Title: A Pharmacy-led IPE Orientation on Immunization Techniques for First-Year Medical Students

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Purpose: To educate first year medical students about the importance and techniques of immunizations through an elective orientation provided by pharmacy faculty, residents, and students.

Design: Medical students attended an orientation where they received an information packet, listened to a presentation given by pharmacy faculty, and watched 4 pharmacy student-made videos. The information presented included aseptic technique, vaccine administration, and safety procedures. After the one hour presentation, medical students were split into 5 break-out groups. The groups practiced aseptic technique and vaccine administration on artificial practice arms, discussed patient safety, and practiced applying the CDC immunization schedules. Each group had the opportunity to rotate through all education stations, which were facilitated by both pharmacy faculty and students. A short questionnaire was given to medical and pharmacy participants to provide feedback on the 2-hour interprofessional event.

Findings: Overall, 97 medical students, 10 pharmacy faculty, 2 community residents, and 20 student pharmacists participated. 79% of medical students found this activity to be worthwhile. 75% of pharmacy participants agreed that the event was a "very helpful" interprofessional experience. The most frequently reported feedback was a need for additional time. However, most agreed that this orientation was effective and should be continued in the future.

Implications: Creighton University medical students receive minimal vaccine education in their first didactic year; first year pharmacy students have a required 1 credit hour immunization course. Pharmacy participants provided tools and education to support medical students to become effective screeners and immunizers. This interprofessional event emphasized the responsibility of both professions to identify immunization needs. Due to the need for immunization education, there is potential to modify and continue this orientation in the future.