

"SIM WEEK" FOR ANESTHESIA RESIDENTS ENTERING THE COMPETENCY BY DESIGN CURRICULUM

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ABSTRACT: Oral Presentation (12:45 p.m.)

- Purpose:** In 2017, the Discipline of Anesthesia implemented a new Competency by Design (CBD) curriculum. The first phase of implementation involved a Transition to Discipline (TTD) and was intended to orient new residents to the discipline. As part of TTD, faculty members in Anesthesia offered a "Sim Week" to provide a simulation-based introduction to Anesthesia and to ease the transition from student to resident. Sim Week was offered again in 2018. This project involves an evaluation of Sim Week to assess its benefit to learners along with their level of anxiety at the beginning of residency and their confidence in obtaining the CBD-based Entrustable Professional Activities (EPAs).
- Methods:** Sim Week involved group discussions and five hours of in situ simulation each day. On the first and fourth days, residents participated in a full scenario prior to simulated induction and were asked to assess their competence at managing the scenario. To evaluate the Week, we developed a pre- and post- survey structured around the TTD EPAs and appropriate milestones.
- Results:** Results of the evaluation survey indicate that Sim Week was beneficial for residents in terms of reducing the stress associated with transition into residency, learning to manage a simulated induction, and obtaining CBE-based EPAs. The residents expressed apprehension at the beginning of Sim Week, but all participants found the event to be valuable. They also reported increased confidence in approaching the operating room and more equipped to navigate the operating room and provide patient care safely and efficiently.
- Conclusion:** Orientation through Sim Week was useful in transitioning residents into the Anesthesia residency program. Residents felt more confident entering the operating room, less apprehensive about residency, and more effective in providing patient care.