Background and Overview

Health care delivery today requires not only a dedication to quality improvement and patient safety, but also the development of data-driven and systems-focused programs that address these issues. We recognize that training student learners early in their education experience, particularly in quality and patient safety, builds the next generation of physicians able to critically assess, formulate solutions, and sustain improvements for a myriad of problems that arise in clinical medicine. The University of Toledo hopes to share any innovative education models that promote quality improvement and patient safety as to add to the growing body of knowledge.

Mission Statement

To improve educational competencies of physicians-in-training through the creation of a longitudinal, experiential, systems-based undergraduate medical education curriculum that prepares students for their roles in providing team-based, patient centered care, while positively impacting patient safety and quality in a rapidly evolving healthcare system. Through immersion in the proposed medical school curriculum, the University of Toledo envisions building future leaders in medicine. By administering interval patient safety knowledge surveys, we intend to gauge the effectiveness of our teaching methods.

Our Innovative Curriculum Proposal:

1. Didactic lectures on key elements of patient safety
2. Harnessing analytical tools in quality improvement
3. Hands-on learning in the simulation laboratory
4. Attendance at morbidity & mortality conferences
5. Ability to perform root cause analysis
6. Elective in quality improvement and patient safety

Institute of Medicine Publications

Analytical Frameworks for Quality Improvement

Long-Term Outcomes

Our hope is that UTCOM graduates seamlessly transition into residency programs and act as ambassadors for patient safety. We intend to produce physicians that will lead multidisciplinary quality improvement teams based on their training in systems-based thinking to help eliminate adverse events and improve the delivery of patient care.