Assessing Medical Trainees’ Reflections on Patient Safety and Quality Improvement

Abstract
Quality care and patient safety are essential components of optimal healthcare and important domains composing the ACGME core competencies of Systems Based Practice and Practice Based Learning and Improvement. Assessment of trainee proficiency in these core competencies has proven challenging for residency programs but is important for enhancing resident education and maintaining program accreditation. The Practice Based Improvement Log (PBIL) is an educational tool created to solicit resident reflections on patient care events that could have been improved upon. Log completion includes the trainees’ description of an adverse patient care event and perception of the event’s severity, preventability, and contributing personal and systems factors. The Mayo Evaluation of Reflection Improvement Tool (MERIT) has been validated as a meaningful measure of resident reflection on quality improvement (QI) opportunities. Development of a patient safety and QI e-curriculum containing selected resources on these topics as well as an electronic version of the PBIL will be undertaken. Trainees from multiple health sciences disciplines will complete the curriculum and PBIL during their ICU rotation. Supervising faculty will then utilize MERIT to evaluate the PBIL reflections. Data gathered from PBIL and MERIT will be examined for interdisciplinary and longitudinal comparisons of trainee event reporting and reflection.

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