

Understanding and Implementing Safety Reporting and Analysis

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Residents in Physical Medicine and Rehabilitation (PM&R) participated in a safety needs analysis mock workshop during the Wednesday Didactic session. The PM&R residency program has consistently endeavored to provide comprehensive training that not only equips residents with medical expertise but also instills in them the principles of safety and quality improvement. Recognizing the critical importance of safety needs analysis in clinical practice, the leadership identified a significant gap in active participation despite the residents' confidence in submitting such analyses. This quality improvement (QI) workshop focused on identifying who is involved in safety needs analysis, the components of developing a safety need, and how these outcomes translate into action. Previous questionnaires from the Accreditation Council for Graduate Medical Education (ACGME) showed consistent reporting of safety events at various sites. However, there was a decline in participation in safety analysis events and understanding of the process. PM&R residents showed confidence in submitting a safety needs analysis but had low participation rates, as noted by leadership. As part of the Educator Track, my goal is to help improve this aspect of the PM&R residency program. The objective was to build confidence in the PM&R residents through participation in a mock workshop focused on conducting a safety needs analysis. The results are intended for internal use within the PM&R residency program. The QI project also aimed to help apply existing knowledge and enhance the residents' involvement in safety needs analysis at various sites where they rotate. An annual ACGME questionnaire is distributed to PM&R residents rotating at five medical centers in the Twin Cities of Minneapolis-Saint Paul, including M Health Fairview Acute Rehabilitation Center. For the QI project, residents completed a pre- and post-test questionnaire on the day of and immediately after the mock workshop to gather valuable data. This data aimed to assess participant responses, with the results indicating percentage improvement from the scores, thereby reflecting understanding and increased confidence in the process of analyzing safety events. These changes in response data will also be reviewed in the next ACGME report and through in-resident feedback.