

KCHP Annual Meeting – Poster abstract

Title

Evaluation of medication override practices at a large, academic medical center

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Abstract

1. Purpose: The University of Kansas Health System does not have a standardized process for monitoring medication override practices. A medication override is defined as the removal of a medication from an automated dispensing system (ADS) prior to pharmacist verification. The purpose of this project was to evaluate medication override practices to understand deficiencies in current processes and implement changes to increase compliance of linked override medication administrations.

2. Methods: In February 2021, the pharmacy department partnered with nurse educators to conduct a pilot study in the Surgical Intensive Care Unit (SICU). The Plan, Do, Check, Act (PDCA) technique was used to guide interventions and measure change. Interventions included educational presentations, reorientation to health system policies and the distribution of a tip sheet for linking override medication administrations. Daily ADS Override reports will be collected for one month following intervention. Reports will be evaluated on the appropriateness of medications removed on override from the ADS. Compliance rates will be calculated for medications administered to a patient that are removed on override and linked to a provider order.

3. Results: Research in progress.

4. Conclusion: Research in progress.