

Perioperative Medication Safety Self-Assessment for Hospitals and Ambulatory Surgical Centers (ASCs) and Targeted Risk-Reduction Tool Development

Performer: Institute for Safe Medication Practices (ISMP)

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Project Duration: 9/16/2019 – 6/16/2021

Regulatory Science Challenge:

Preventable harmful medication errors in perioperative settings are a common cause of morbidity and mortality in the United States. The frequency of medication errors reported in perioperative settings varies widely depending on detection and measurement strategies. Systematic identification/characterization of perioperative medication errors is essential to enable targeted interventions, such as resources for healthcare providers/institutions to identify and manage shortcomings, to reduce preventable harm.

Project Description:

This project involves the development, testing, and implementation of a perioperative medication safety self-assessment of systems and practices in U.S. hospitals and ambulatory surgical centers using a self-assessment instrument modeled after previous ISMP instruments. Additionally, ISMP will apply findings to create a tool for general use by healthcare providers/institutions to perform self-assessments to enable reduction of preventable harm from perioperative medication errors.

Project Goals:

1. Develop, test, and implement a perioperative medication safety self-assessment of systems and practices in U.S. hospitals and ambulatory surgical centers using a self-assessment instrument.
2. Create a tool to help healthcare providers confront specific challenge(s) identified by the aggregate self-assessment data.