Solution: Improvements in Patient Safety through Implementation of IntelliFlow Rx®

Organization: University of Maryland Medical center
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IDENTIFICATION:
1. Compounding errors
2. Accountability difficulties for medication errors due to illegible signatures and initials
3. Administration errors due to incorrect labeling of medications
4. Infusion of short stability medications after expiration
5. Missing doses due to ineffective time management during compounding

The problems were identified by pharmacy personnel, nurses, and medication error reports.

PROCESS:
We chose to utilize the technology of IntelliFlow Rx® to address our medication safety concerns.

SOLUTION:
IntelliFlow Rx® has been implemented for select batches in our IV Admixture Area. Its bar-code scanning, picture taking ability, prioritization capability, and labeling with user initials have assisted us in addressing the medication safety issues that were identified.

The technology of IntelliFlow Rx® has prevented compounding errors. The technology clearly identifies staff involved in the compounding process. There have been fewer labeling errors. Compounding processes have been streamlined. We are planning to expand the IntelliFlow Rx® to other batches and to other satellites to improve medication safety across the hospital. We monitor reports of medication and compounding errors to track our progress over time.