PharmGuard® Infusion Management System

Enhancing patient safety and clinician workflow with the Smiths Medical infusion portfolio
SAFE, SIMPLE, SMART, SECURE

A smart infusion platform with simple actionable data through safe and secure connectivity.

Integrated PharmGuard® infusion management system including medication safety software can help minimize infusion errors. The configurable system supports hospital-wide optimization through actionable data for quality infusion management.

50% OF THE 1.5 MILLION MEDICATION ERRORS OCCURRING IN THE UNITED STATES EVERY YEAR ARE INFUSION RELATED.¹

Safe
- Helps prevent medication programming errors with medication safety software
- Allows informed care decisions through monitoring of real-time patient data in the EMR and PharmGuard® system
- Tracks compliance of medication library utilization by facility and care area

Simple
- Actionable reports, with simple drill down capability, to inform infusion management decisions
- Allows easy assessment of medication library compliance by clinical environment
- Accurately tracks infusion pumps throughout your facility by integrating with your real time location system (RTLS)

Smart
- Removes manual programming steps with smart pump programming and manual documentation steps with auto-documentation through EMR interoperability
- Deploys medication libraries and device software wirelessly

Secure
- Compliance with FDA’s guidance for cyber security recommendations with the PharmGuard® system
- Proactive engagement with government agencies on threat assessment and vulnerability scoring
PharmGuard® Infusion Management Software

One system for your entire platform

Smart pump programming:
Allows infusion program settings to be passed from the EMR through the server to a patient’s pump for confirmation/activation. This helps reduce programming errors, improves clinician workflow, and provides CQI data.

Auto-documentation:
Allows infusion data to be sent from the pump through the server into the EMR for charting/documentation. This saves clinicians time in their daily workflow, increases documentation accuracy, and improves patient safety by reducing manual data entry errors.

The PharmGuard® Infusion Management System leverages one platform to manage medication administration across an entire enterprise and by individual facility.

Continuous Quality Improvement
- 42 reports in 7 categories: Pain Management, Protocol Compliance, Protocol Utilization, Safety Events, Device Event, Alarm Event, and Clinical Engineering
- Allows reporting for individual facilities or across the enterprise
- Drill down within reports for more detailed information
- Tracks medication library use and confirms that infusions comply with pharmacy dosing and medication administration facility standards
- Automates delivery of email reports at preferred intervals

*Medfusion® pump only
Pathway to an Integrated Solution

The PharmGuard® infusion management system can meet you where you are today and scale with your future needs, providing you with a pathway to a fully integrated solution.

Wireless Communication
- Deploy medication libraries
- Update device software
- Track device activity

Informed Decisions
- Insight into medication delivery and compliance
- Optimize patient safety
- Improve device utilization

Interoperability Solutions
- EMR integration
  - Smart pump programming*
  - Auto-documentation*
- Alarm management
- Equipment management
- Real time location system

*Medfusion® pump only

References