Measurable improvements in medication management

Pyxis® MedStation® system
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Advanced automated medication management system

Introducing the Pyxis® MedStation® system

The Pyxis® MedStation® system from CareFusion is a market-leading automated medication management system which includes innovative communication and workflow optimisation tools that support pharmacy and nursing staff in their efforts to deliver safe, high-quality patient care.

Hospital Systems

Information System
- Patient admissions
- Transfers
- Discharges

Pharmacy System
- Medication profiles
- Formulary maintenance
- Inventory management

Patient Costing and General Ledger
- Item IDs
- Patient IDs
- Quantities Supplied or returned

Computer Physician Order Entry System
- Patients’ prescriptions
- Laboratory results
- Patients’ history

Key Features

Increases productivity
- reduces pharmacy and nursing roles in medication logistics.
- reduces time spent on controlled substance tracking and reporting.

Increases security and compliance with hospital policies
- physically verifies user identity prior to granting access to the system.
- electronic audit trail increases transparency and accountability within the medication usage processes.

Improves service delivery
- ensures medication is available even after pharmacy hours.
- helps start patient therapies faster by reducing time to first dose.

Medication

Pharmacy

Pyxis® Procar
(Interface engine)
The traditional path that medication takes from the pharmaceutical distribution centre to the pharmacy to the patient is both error-prone and inefficient, potentially delaying therapies, increasing risks, driving up costs and complicating efforts to meet regulatory requirements. This is why Pharmacists, nurses and administrators are discovering the benefits of automating the medication use process.

**Pyxis® Console**
Central processing system that regulates and monitors the activities of the Pyxis® MedStation® system.

**Pyxis® MedStation® system**
Ensures nurses have the right medications they need, when they need them, increasing productivity and job satisfaction.

**Patient Care**
Medication distribution and workflow is streamlined, providing more time to focus on patients.

**Reduces chances of medication errors**
- helps reduce risk of harm early in the medication use process by warning clinicians about potential errors before they reach the bedside.

**Helps to increase safety**
- reduces chances of dispensing errors with single dose and single line item access.

**Helps reduce costs**
- helps to reduce medication shrinkage and waste
- provides usage data to enable case costing and DRG based reimbursement.
- enables optimisation of ward inventory levels.
Clinical

Helps to increase safety
Provides care givers with controlled, responsive access to medicines as well as real time usage information.

Improved logistics
Reduces time spent on medication logistics, providing more time for patient care and clinical activities.

Helps to reduce medication errors
Improves the medication use process by providing clinicians with interaction, time and dosage related warnings as well as managing expiration dates.

Operational

Increased efficiency and productivity
Provides more time for patient care by reducing time spent on distribution; Improves work environment and interdepartmental collaboration helping to improve personnel satisfaction.

Enhanced compliances
Captures data to facilitate compliance with regulatory requirements, hospital policies and process improvement.

Financial

Cost Management
Captures costs related to patient hospital stays, enabling management to make enhanced decisions and facilitating diagnosis based reimbursement.