BD Cato™ Medication Workflow Solutions

BD Cato™ Medication Workflow Solutions provides enhanced safety and quality assurance to help you achieve the highest level of quality, efficiency and consistency throughout your pharmacy’s medication preparation workflow.

- **Medication Safety**
  Detect drug / dose errors in real-time

- **Workflow Efficiency & Cost Reduction**
  Standardize workflow and control drug waste by optimizing drug utilization

- **Documentation and Compliance**
  Real-time electronic documentation of all preparation steps that helps ensure compliance to sterile compounding guidelines and requirements

- **Preparation Analytics**
  Analyze preparation data to manage and optimize inventory, monitor drug waste and measure productivity
BD Cato™ Integration within the Institution

Operating System Compatibility:

Database System Compatibility:
Microsoft SQL Server—Compatible with versions 2005 SP3, 2008 SP1 and 2008 R2
Clean Room Hardware Setup

BD offers a flexible configuration of hardware setup that consists of the following:

*inside the IV hood / isolator*
1. Cleanable touchscreen monitor
2. Electronic scientific weighing scale
3. Barcode scanner

*outside the IV hood / isolator*
Label printer
The BD Cato™ System Provides Benefits throughout the Pharmacy Review, Inventory Management, Dose Preparation and Final Verification Process

Dose Order Import and Verification
Through an HL7 interface, reviewed orders from the pharmacy information system can be imported by the BD Cato™ System, where pharmacists can view and manage all doses.

Dose Prioritization
The BD Cato™ System provides the ability to prioritize the preparation of doses. Additionally, the “Search for Similar” feature provides the ability to group similar doses into a single preparation package, thereby minimizing drug waste.*

*Hard stops and quality checks during process
Pick List Proposal and Inventory Review

The BD Cato™ System automatically proposes a list of items that includes drug, diluents and consumables required to prepare the dose. The BD Cato™ System proposes the use of a drug vial size that will result in the least amount of waste for a given dose preparation.

Gravimetric Guidance for Preparation in a Clean Room

The BD Cato™ System intercepts drug and dose errors in real time through a combination of barcoding and gravimetric technology. Hard stops are built into the BD Cato™ System workflow, including the barcode scanning of each vial, diluent and vehicle used for the preparation. Gravimetric technology enables doses to be prepared accurately within a tolerance range set by the institution.
**User Interface**

The user interface has been optimized so that the technician has minimal interactions with the computer during the compounding process. The technician simply follows the intuitive step-by-step instructions, ensuring quality and efficiency.

**Label Production**

One of the most important steps in the BD Cato™ system is that patient labels for the dose are only generated after the completion of preparation, in line with ISMP’s guidelines,** thereby reducing the likelihood of mislabeling and serving as a certificate of quality.

Through its flexible label configuration functionality, the BD Cato™ System is able to print patient-specific 2D barcoded labels that adhere to your institution’s labeling policies. The label can be configured to print the barcode from your EMR system.
Final Pharmacist Check
The BD Cato™ System enables a pharmacist to electronically verify and document each preparation. The pharmacist completes the check based on institutional guidelines, with the ability to access step-by-step documentation of all phases of pharmacy medication workflow.
Reports and Analytics

The BD Cato™ System provides a range of reports and analytics to help optimize your pharmacy for both efficiency and medication safety. These reports are available as a CSV or PDF file. A sample of these reports include but are not limited to:

- **Fully detailed preparation report**
- **Drug consumption statistics**
- **Billing reports**
- **Productivity analytics** (time stamps on compounding time per drug, technician and hood)
- **Intercepted errors and dose deviation occurrences**

To increase safety and efficiency in your hospital pharmacy medication preparation, call your BD Cato™ Software Systems representative today.


** http://www.ismp.org/tools/guidelines/IVSummit/comments/default.asp