MEDITECH’s Pharmacy solution utilizes roles-based desktops and user-defined worklists to enable pharmacists to efficiently and effectively perform their daily activities, while ensuring safe, quality care for their patients. From verifying patient medications, to managing drug inventory, as well as compiling reports and statistics — our desktops enable you to do everything you need to from one central screen. Embedded and intelligent clinical decision support ensures safe patient care and keeps you one step ahead of potential clinical errors with full interaction checking. Pharmacy serves as the backbone of our closed-loop medication management and can be used across all healthcare settings, including acute care, long-term care, behavioral health, residential care, nursing homes, and assisted living facilities.

**Personalize Workflow with Roles-Based Desktops and User-Defined Worklists**

MEDITECH’s unparalleled integration allows staff to process all medications from one flexible desktop based on their role in care management. Information is organized according to user-defined worklists and customizable menus. Pharmacy facilitates workload by allowing staff to:

- Utilize one routine for processing all patient and order types, such as inpatient or outpatient orders, nursing home patients, and IV and oral medications.
- Immediately access lab results associated with medications being ordered or reviewed.
- Access the patient’s record directly from the desktop.
- Document clinical interventions, adverse reactions, and progress notes all within the single order processing area.
- Compile reports and statistics from the same work area.
- Access customized desktops and worklists from any network device, as well as remotely.

**Increase Patient Safety with Real-Time Access to Information and Alerts**

Pharmacists experience real-time results via a variety of clinical decision support tools, including direct access to Laboratory data, automatic dose calculations, and drug utilization evaluations. MEDITECH ensures patient safety by notifying users of medication issues and errors during medication ordering, order review and/or verification, and administration. All conflict checks occur for new and existing orders, as well as when changes are made to the patient’s profile.

Conflict checks include:

- Allergies and adverse reactions maintained across visits.
- Drug-drug, drug-food, drug-condition, and drug-lab.
- IV incompatibilities.
- Contraindications.
● Duplicate medications.
● Dose checks based on a maximum dose, as well as condition, age, and gender.
● Lifetime dose checks for chemotherapy.

Minimize Charge Adjustments
Staff can reduce the time spent making cumbersome charge adjustments by controlling what constitutes charges and when charges are posted to patient bills. Charge capture can occur when medications are administered, dispensed, or a combination of both, virtually eliminating lost patient charges. All charges are automatically sent to billing at an organization-defined time.

Control Inventory across the Enterprise
Pharmacy staff can manage medication inventories and update stock levels across multiple facilities with our Pharmacy solution, as well as through interfaces with dispensing and packaging machine vendors. Inventory levels are automatically updated when medications are dispensed or returned to the formulary. In addition, we can automatically generate purchase orders for vendor submission when hospital-defined minimum stock levels are reached. To automate the inventory management process we also offer bar coding capabilities to update stock levels and manage inventories, and the ability to track controlled medication orders by inventory.

MEDITECH’s dispensing and packaging machine interfaces enable Pharmacy staff to manage inventories on the location, site, facility, and enterprise level through a bi-directional interface to various HL7 compliant vendors. With this interface, pharmacy staff can access a dynamic, two-way flow of real-time patient and medication information. This includes notifications within Pharmacy regarding medication dispensed, medication returned, machine load/unload transactions, and inventory counts. In addition, MEDITECH can send notifications to the dispensing machine regarding medications ordered for the patient, and new/deleted formulary entries.

Benefit from Integration
MEDITECH’s Pharmacy solution is a central component of our closed-loop medication management system, enabling clinicians to circumvent medication errors when reconciling, ordering, filling, and administering medications. Pharmacy staff receives immediate communication of medication orders entered via CPOE. Workflow is improved by providing clinicians with a pathway to MAR documentation, as well as a means to monitor medication administration and ensure safe practices are followed. Integration with MEDITECH Expanse enables Pharmacy staff to:

● Access a complete and comprehensive enterprise-wide electronic record.
● Track and manage quality and safety issues, such as allergies and ADRs.
● Ensure appropriate medication dosing based on lab values and results both during order entry and while processing refill lists.
● Perform a cost analysis of antibiotic treatments based on microorganism resistance and sensitivity to medications.
● Support more efficient claims management via J-code billing.

For more information, contact a MEDITECH Marketing Consultant.