

Bedside Verification

Functionality Brief



The Bedside Verification functionality in MEDITECH's Patient Care and Patient Safety solution uses the power of bar code technology to improve patient safety and increase efficiency. Caregivers use bar code scanners to electronically verify the data on bar coded patient wristbands against the data on bar coded medications and blood products. The result is safer, more accurate, and more efficient medication/transfusion administrations. Physicians also have faster and easier access to critical patient information.

Highlights:

- Document administration and transfusion data accurately, conveniently, and quickly
- Improve compliance with The Joint Commission and regulatory standards
- Ensure the Five Rights of medication management
- Ensure the Five Rights of transfusion management
- Scan both linear and two-dimensional bar code symbologies

Bedside Verification Enables Care Providers to:

Streamline Workflow

During medication and transfusion administrations, clinicians can use various point-of-care devices with either wireless or tethered bar code scanners at the patient's bedside. A clinician scans his or her own employee ID bar code, the bar code on the patient wristband, and the bar code on medication/blood product packages. The system then verifies the patient's identity and compares the scanned data with the hospital's formulary or blood bank.

Detect Potential Medication Errors

To help eliminate potential errors, clinicians can use the electronic Medication Administration Record (eMAR) component of the Patient Care and Patient Safety solution to review pertinent patient information and document medication administration. Decision support capabilities include the ability to review:

- Demographic data
- Allergies, adverse reactions, and duplicate orders
- Associate protocols with interventions, problems, outcomes, and care plans
- Test results
- Medication label comments
- Dose instructions
- Medication schedules
- Administration histories.

Bar code scanning provides the final level of conflict checking, based on the Five Rights of medication management: Right patient, Right medication, Right dosage, Right route, and Right time.

Identify Potential Transfusion Errors

The Transfusion Administration Record (TAR) component of Patient Care and Patient Safety is a central location for clinicians to document vital signs and reactions assessments before, during, and after the transfusion process. Like the eMAR, the TAR also contains decision support capabilities, including the ability to view:

- Blood type and temporary blood type
- Allergies, adverse reactions, and duplicate orders
- Antibodies and antigens
- Reactions, vital signs, and I/O data
- Special instructions
- Associated data (lab results, query results, reports)
- Historical transfusion information
- All unit transfusion information.

Clinicians can use bar code scanning to scan and match patients with blood products to provide the final level of conflict checking, based on the Five Rights of transfusion management: Right patient, Right blood product, Right donor, Right time, and Right expiration date of the blood product.

Generate Reports to Extract and Compile Meaningful Data

Care providers have access to extensive reporting and printing capabilities to extract and compile information for meaningful data analysis. The following are some of the standard reports MEDITECH provides:

- Compounding Verification Report
- eMAR Administration Log and Report
- eMAR Billing Report
- eMAR Dispensed Report
- eMAR Exception Report
- eMAR Measuring and Monitoring Detail and Summary Reports
- eMAR Variance Report
- Print eMAR Summaries
- Scanned/Not Scanned Report.

Your organization can use these report to monitor trends and gather quality metrics for your own purposes as well as for regulatory agencies, such as CMS and The Joint Commission. For example, using the Scanned/Not Scanned Report, you can verify the percentage of medications clinicians are scanning to determine which caregivers are adhering to organizational protocols. In addition, your organization can use the standard MEDITECH Report Designer to build customized reports with data compiled from the entire EHR.

Reap the Benefits of Integration

The full integration of MEDITECH's CPOE, Patient Care and Patient Safety, and Pharmacy products creates a closed-loop medication management system. Bedside Verification is the final step in completely ensuring the safe delivery of medications.

Likewise, the Blood Bank product and Bedside Verification feature are fully integrated. The system updates all transfusion data in real time and safely matches patients with their blood products.

For more information about us, contact a MEDITECH Marketing Consultant.

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