Within MEDITECH's Patient Care and Patient Safety solution, the Patient Care System component provides clinicians at your organization with the tools they need to safely deliver high-quality, patient-centric bedside care. Clinicians of all specialties (e.g., nurses, dietitians, physical therapists, etc.) can use the Patient Care System to effectively manage workflow, prioritize their daily workload, effectively coordinate patient care, and evaluate overall unit operations. The Patient Care System allows nurses to remain organized throughout their shifts and effectively hand off patients to the next shift. Quality managers, executives, and clinicians can also monitor patient populations in real time with active surveillance tools using the Patient Care System as well as predictive surveillance capabilities via integration with our Quality and Surveillance solution.

Manage Workflow with Patient Status Boards and Worklists

Tailored by provider type, nursing staff can use status boards and worklists to prioritize their daily tasks in one encompassing display of patient information, ensuring the right data is available for decision support. Clinicians can efficiently manage their workloads via two-tiered patient status boards, which provide tabular, real-time displays of patients assigned to each clinician or by location. Status boards are customizable to meet the needs of departments and specialties. Each status board contains a list of a care provider's patients in the upper tier and a Detail section for a selected patient in the lower tier. The patient information displayed on the status board includes but is not limited to interventions, test results, vital signs, orders, medication administrations, allergies, diagnosis, code status, and alerts. The Detail section is also customizable to include only the data relevant to the clinician's needs. From the status board, clinicians can:

- View pertinent patient demographic and clinical data.
- Define user preferences, such as the color coding used to flag various events.
- Receive real-time notifications of abnormal and critical results.
- Quickly acknowledge and document due/overdue interventions, orders, and medications.

The status board also provides a direct link to patient worklists. These worklists are user-specific, centralized flowsheets from which clinicians can initiate the documentation of care items (e.g., interventions, outcomes, assessments, regulatory interventions, and medications). The worklist allows clinicians to define their own viewing preferences, such as:

- Sort order and specific patient statuses
- Number of hours in the future for which tasks appear
- Event types displayed (e.g., medications, outcomes, or interventions).
Incorporate Best Practices within Care Documentation

Care plans and critical pathways allow clinicians to streamline care planning, manage patient conditions, and drive best practices across the continuum of care. Clinicians can use the standard content provided by MEDITECH, modify this content, or create their own manually or based on deliverable content to meet your organization's unique needs. MEDITECH also collaborates with Zynx Health, Inc. to provide evidence-based care plan content, based on best practice guidelines for regulatory requirements. Standard content helps to maintain standards of care that reflect your organization's procedures for patient and condition management. Patient Care System enables clinicians to:

- Assign location, condition, or discipline-based care plans to patients.
- Associate problems, orders, interventions, assessments, protocols, and goals to individualize care plans to meet The Joint Commission requirements.
- Incorporate required fields to address regulatory and core measure requirements.
- Delegate care plan responsibilities to care team members or by specialty.
- Access context-sensitive reference link information from evidence-based sources.

In addition, continuing care and skilled nursing facilities can use Resident Assessment Instruments (RAI) to develop care plans and meet state regulatory requirements. RAIs contain Minimum Data Sets (MDS), Resident Assessment Protocols (RAP), and Resource Utilization Group (RUG) questionnaires.

Complete Real-time Documentation at the Point of Care

MEDITECH supports real-time, interdisciplinary documentation at the point of care using a variety of mobile devices. Clinicians can use intuitive documentation tools from both the patient chart and worklist to:

- Document care in questionnaire or flowsheet format via point-and-click functionality.
- Enter nurse notes using free, canned, and formatted text, as well as embedded images.
• Simultaneously review clinically relevant data, and compare historical trends during documentation.
• Interface with patient monitors (e.g., hemodynamic devices and ventilators).
• Access clinical decision support and evidence-based medicine.

Patient information only needs to be entered once for it to become available throughout the system. Using the same query across the continuum of care allows for the previously documented response to default within nursing documentation, reducing transcription time and errors. Additionally, embedded rules-based logic can require and suppress queries, directing clinicians to answer only the appropriate questions for each patient. MEDITECH’s real-time integration of clinical documentation provides interprofessional review and care throughout the patient’s electronic health record.

**Safely Administer Medications and Blood Products**

MEDITECH’s Patient Care System ensures the safe administration of medications and blood products by preventing potential administration errors during the administration and transfusion documentation processes. The Medication Administration Record (MAR) and Transfusion Administration Record (TAR) provide central locations for real-time review and documentation of all medication and transfusion administrations.

Clinicians can document dose adjustments, non-administration reasons, and comments. In addition, during medication and blood product administration, clinicians have access to critical patient information, such as:

- Key demographic data
- Allergies/adverse reactions
- Laboratory results
- Medication/transfusion orders
- Clinical indicators
- Drug monographs
- Dose instructions.

Both the MAR and TAR work seamlessly with MEDITECH’s Bedside Verification functionality to scan and verify patient information for compatibility with medications and blood products.

**Monitor Patient Populations**

Patient Care System is designed with active surveillance capabilities to guide caregivers to the next logical step in patient care. Active surveillance alerts can display to clinicians while documenting care and on status boards. Having conditional logic embedded within documentation, clinicians can have questions required or suppressed based on previous responses, responses recalled from other visits, and query links to suggest additional actionable care items on the patient’s care plan. To help you maintain policies and procedures for adherence to the highest level of clinical standards, rules can include flags, warnings, or restrictions that relay organization-defined information to clinicians.

Integration with our Quality and Surveillance solution provides your organization with enhanced, predictive surveillance capabilities. Predictive surveillance uses fully-tailorable rules logic to analyze clinical and demographic data to identify patients who qualify or may be at-risk for developing specific conditions (e.g., sepsis or CAUTI). MEDITECH’s surveillance capabilities immediately notifies clinicians of high-risk patients or patients who have qualified for clinical quality measures with actionable indicators on nursing status boards or on condition-specific surveillance status boards. These tools can alert clinicians to missing quality measures or changes in patients’ conditions, improving the care your organization provides while meeting quality measures.
Furthermore, the actionable surveillance Watchlist provides a managerial view of all patients throughout the enterprise who have qualified for specific surveillance profiles. Watchlists also display patients who qualify for multiple profiles, such as VTE, sepsis, and pneumonia.

**Generate Reports to Extract and Compile Meaningful Data**

Clinicians have access to extensive reporting and analysis capabilities to extract and compile information for meaningful data analysis. You can create an unlimited number of reports to meet regulatory mandates as defined by The Joint Commission, CMS, or other regulatory agencies, or to simply analyze and compare organizational metrics. Standard reports for care plans, the MAR, acuity, dietary, variance, billing, audits, and statistics are available within the Patient Care System. Staff can also use MEDITECH’s Report Designer, an embedded system reporting tool, to collect data from across the enterprise for user-defined reports.

**Realize True EHR Integration**

The full integration with MEDITECH Expanse streamlines clinical workflows in a variety of care settings. From any point-of-care device, clinicians can open patient charts directly from the status board to document care, review results, update care plans, etc. All patient documentation is shared instantaneously throughout the continuum of care to help ensure the accuracy of information across applications, while saving your staff and patients time and eliminating redundant data entry. MEDITECH’s Electronic Health Record provides visual notifications for new data and supports messaging capabilities across departments, facilitating coordinated care. To monitor a patient’s progress, clinicians can also graph and trend clinical information, including vital signs, results, and I&O data within the EHR clinical panels.

Patient Care System’s integration with Order Management, Pharmacy, and Bedside Verification creates a closed-loop medication management system, effectively circumventing medication errors when reconciling, ordering, filling, and administering medications. The MAR is fully accessible at the patient’s bedside through various point-of-care devices with real-time notifications for all clinical changes made to patient and medication information. Likewise, all screens prominently display key demographic, allergy, and adverse reaction information in patient headers for patient identification and potential risk factors. With all patient data available within our Patient Care System, clinicians have the necessary tools to provide safe, quality care throughout your organization.

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