MEDITECH’s clinically-sophisticated Critical Care solution, along with our evidenced-based standard content is specifically designed by nurses for nurses, complementing their unique, interprofessional workflows that extend to areas, such as the ICU, NICU, and CCU. Our Critical Care solution supports the speed and flexibility needed for critical care processes and decision-making, while also retaining the intuitiveness and ease of use of a full web-based EHR. At the heart of this solution is a Critical Care flowsheet, supporting both the documentation and viewing of all patient data in a single view for safer management of care, smoother handoff communication, effective transitions of care, and increased face-to-face, patient-focused time.

Displaying all acute, ambulatory, and home care data, MEDITECH Expanse provides nurses with a complete patient record, including what led up to the intensive care admission. Complete integration and interoperability allows nurses to stay within the Critical Care flowsheet, as all relevant data is viewable and actionable from a single screen. Nurses can document new clinical data next to historical values, add comments to data items, view and annotate cardiac waveforms, manage infusions and titrations, view and trend clinical data, and pull all monitor data directly into the flowsheet. Flowsheets can be individualized with care items specific to that patient’s needs. Information on the flowsheet is color coded to highlight new, abnormal, and critical values. Via clinical panels in the patient’s electronic health record, you can then graph and trend this data to better evaluate care.

Streamline Workflow Through Customized Displays

The Critical Care flowsheet maximizes the use of space, expanding to your device’s screen size to display selected clinical data. Flowsheets are tailorable by location and can be readily customized by the nurse, based upon the patient’s specific condition(s). Nurses can use the “Update Flowsheet Items” drop-down menu to concurrently select and view a variety of care items, such as vital signs, intake and output, intravenous lines care, and output/tube care. The order of care items can be changed to trend and analyze data in a meaningful way, allowing you to save the selection as a user preference. For example, a nurse may want to always view current ventilator data and the latest arterial blood gas results alongside vital signs and I&O, based upon a diagnosis of sepsis. With access to advanced calculation tools within the flowsheet, nurses can view additional details, such as I&O cumulative totals, since the patient’s admission or within the past 24 hours. For each patient, nurses can determine whether pre-defined interventions display automatically or only when selected.
Access Patient Data Using Widgets

While in the flowsheet, nurses can choose from several widgets to display relevant data — including snapshots, orders, and care items from the worklist. Widgets appear above the flowsheet and minimize the need to navigate multiple screens. Flowsheet widgets can display interactive, real-time alerts, personalized notes, and confirmed information from the electronic patient record. In addition, nurses can create snapshots, containing several expandable widgets for succinct handoff communication. For example, at shift change or transfer, a nurse may want to view a summary snapshot of a new patient before initiating care that includes notes, photo ID, vital signs, orders, allergies, and history.

Integrate With Monitor Data

Flowsheets also fully integrate with hemodynamic monitors and ventilators. Nurses can pull values automatically into flowsheets at editable frequencies, discarding or modifying them as necessary, as well as annotate monitor strips, where needed. While documenting data (e.g., vital signs), associated data can display appropriate ranges for the critical care patient with color schemes highlighting abnormal and critical values within the flowsheet. Based on preference, nurses can also be prompted to gather new patient data at specific times like I&O values, typically occurring at shorter time intervals for critical care analysis.

MEDITECH Expanse can also capture patient data from hemodynamic and ventilator monitors at the required intervals for “vent checks.” This information can be verified by the clinician, prior to filing in the patient’s electronic record for viewing, trending, and storage.
Experience the Benefits of Integration

With full integration of a web-based EHR—including rehabilitation, ambulatory, and home care settings—all providers have immediate access to the complete patient chart for informed care delivery across the continuum of care. Based on the right data at the right time, MEDITECH’s Critical Care solution not only enhances patient safety, but also improves each nurse’s workflow efficiency in high-acuity environments. Tailorable widgets provide nurses with data that would otherwise reside elsewhere in the patient chart. Critical care nurses can easily reference past information from other care areas and providers throughout the enterprise—helping to effectively manage patients who require comprehensive care and constant monitoring.

For more information, contact a MEDITECH Marketing Consultant.