

Enterprise Medical Record

Functionality Brief



MEDITECH's Enterprise Medical Record (EMR) represents a single source for viewing real-time patient information captured across the continuum of care and throughout a patient's lifetime. Physicians, clinic-based caregivers, home health staff, clinicians, and other authorized providers can simultaneously review up-to-the-minute patient information, whether in the hospital or at a remote location. This ultimately facilitates more timely and informed decisions.

Highlights:

- Access fully integrated clinical, historical, and outpatient data from any location
- View real-time data for visits conducted anywhere across the continuum of care
- Organize meaningful data into standard and customizable clinical panels
- Trend patient data using graphs, flowsheets, and lifetime result views
- Receive automatic clinical alerts for new and abnormal results
- Combine, archive, and report on discrete data throughout the continuum of care
- Protect security of patient information through user-defined access
- Combine data captured across the MEDITECH EHR with other vendor data

The Enterprise Medical Record Enables Care Providers to:

Access Real-time Patient Records

The Enterprise Medical Record gives your care providers immediate access to real-time critical information to support more informed decision making regarding patient assessments and treatments. Information collected in the patient's record includes, but is not limited to:

- Vital signs and I&O data
- Medications, including a view-only format identical to the Medical Administration Record
- Lab results, including Blood Bank, Pathology, and Microbiology
- Reports and patient notes, including diagnostic imaging with links to PACS images
- Patient care activity (assessments, outcomes, plans of care)
- Patient history and administrative information
- Order history (acute and ambulatory).

Ensure Security of Patient Records

The EMR protects the security and confidentiality of patient information by establishing roles-based access and restrictions. For example:

- User access can be restricted based on patient and/or location
- Confidential patient and VIP flags may be used to prevent users from accessing the records of patients located within confidential locations or who have been assigned a confidential status
- Users may be restricted to viewing only those patients located within a designated nursing unit or assigned to a specified physician.

Perform Quick Patient Summary Reviews

The Enterprise Medical Record provides a summary of a patient's current activity, as well a snapshot of his or her complete visit history. Care providers can easily drill down into each visit to view more detailed information, such as test results and vitals signs. A centralized Patient Summary list grants care providers instant access to a patient's:

- Current and ongoing problems
- Allergies and adverse reactions
- Medication history
- Pharmacy information and location
- Health maintenance
- Legal, demographic, and referral data
- Growth charts
- Confidential patient notes
- Substance use
- Current and past procedures
- Diagnosis and codes.

Organize Data Using Clinical Panels

Flexible clinical panels are designed to group patient data into clinically meaningful displays where clinicians can compare all facets of patient data, making it easier to trend and interpret information. Clinical Panels provide detailed, user-friendly spreadsheets, which contain a wide range of patient information, such as medication administrations and test results that reflect common evaluations and might normally be viewed on separate panels. For example, a single clinical panel might include Respiratory, Neurological, Intake and Output, and Diagnostic Report information.

In addition, providers can tailor their own customized clinical panels to view specific information based on their unique specialties, such as dietary or respiratory therapy, as well as establish default panels to support their workflow.

Trend Current and Historical Patient Data

The EMR displays complete visit histories across the healthcare continuum. Users can select the visit(s) for which they want to see patient information, or they can request a compilation of data from all visits. This data includes medical history, test results, abstracts, and demographics.

In addition, care providers can select a subset of data and use it to:

- Graph current and historical clinical results over time
- Search for associated on-line clinical content, such as evidence-based medicine
- Streamline documentation by saving and incorporating this data into patient notes and reports.

Clinicians can also select a Lifetime View option for multiple clinical panels, such as Medications, Laboratory, Microbiology, Blood Bank, and Reports, enabling them to display all historical results for a specific test or report. A new results panel is also provided for clinicians to view results from the last 24 to 48 hours, or any information that is new to them.

Exchange Real-time Information between Care Settings

As part of MEDITECH's EHR initiative to share data between healthcare institutions, we also offer a Continuity of Care Document (CCD) exchange suite for querying and pulling in External Medical Summaries (XMS) of past patient visits from other vendor systems. These XMS documents are accessible from both the Clinical Patient Summary and the Reports section in the Enterprise Medical Record and include such information as:

- Allergies
- Current medications
- Problem lists
- Advanced directives
- Immunizations
- Active conditions
- Visit history
- Discharge summaries.

Access to these summaries is available from the Enterprise Medical Record and can help your care providers more closely monitor their patients' ongoing health problems, regardless of where treatment takes place.

Reap the Benefits of Integration

The Enterprise Medical Record is the cornerstone of MEDITECH's integration strategy and the central clinical repository for housing real-time patient information captured throughout our system. The EMR can be accessed, viewed, and edited by all authorized staff from within the ancillary, clinical, and administrative applications. In turn, information updated in the EMR is pushed out to other applications in real time through roles-based desktops and status boards to help your care providers provide timelier and better coordinated care. From within their respective applications, care providers can instantly drill down into a patient's record to access the EMR, making detailed patient information always just a click away.

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

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