

Integrate your clinical information into a
permanent electronic medical record
system



Use the power of information technology
to improve clinical effectiveness & costs

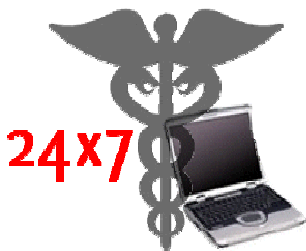
medEncounter™



The 24x7 Clinical Information System

Application Family

- **medEntry™**
- **medSummary™**
- **medOrder™**
- **medAnalyze™**
- **medDataSafe™**



Integrated, comprehensive and easy-to-use specialty-based patient encounter applications, decision support and lifetime electronic medical records (EMR) system

Medical Systems Development Corporation



medEncounter applications improve and automate the process of obtaining, storing and searching clinical patient information within a highly secure, and structured medical record data warehouse

medEntryTM

- medEntry encounter modules are the primary method providers utilize to interact with patient information
- Encounter modules are customized for each medical specialty to reflect their unique needs
- Application menus and forms were designed in cooperation with leading clinicians to provide information-rich screens that follow the “natural flow” of clinical work in a document format
- The system provides various online aids such as: context-sensitive help, prompts, protocols, our knowledge-driven rules engine, a copy-forward feature from previous encounters, definitions ...and more
- Patient information is provided with complete history including medical summaries, prior visits, current problem lists, treatments, allergies, drug reactions, test results, email attachments, notes and information from ancillary systems (e.g. ADT, labs, etc.)
- Supports most medical billing systems with billing codes (e.g. ICD-9) through standard HL7 interfaces

medSummaryTM

- medSummary allows users to select, view and sort patient information in a convenient read-only format
- Users may *drill-down* on individual summary items to view entire documents
- Choice of chart views: time-oriented, source-oriented, problem-oriented and/or event-oriented views

medOrderTM

- Menu-driven Provider Order Entry (POE) system for prescribing, ordering tests, results reporting - customized for each clinical environment with orders and results saved in the patient record
- Rules-based using multiple attributes - prompts and advises against errors and possible drug interactions, allergies, or overdose
- Interacts with pharmacy and other departments for orders and current information
- Provides safety-oriented and cost-effective information (e.g. formal and generic drug names, sounds-like searches, ICD-9 definitions, etc.)

medAnalyzeTM

- Powerful natural-language search engine uses a sentence building design to provide “patient-safe” decision support, inquiries & research
- Medical practitioners, administrators and executives can quickly and easily “data mine” or research single, grouped or entire patient populations – also track groups and manage information over time

medDataSafeTM

- Unites patient data from medEncounter and other systems into a searchable, permanent data warehouse
- Optimized and easy to maintain object-oriented database management system
- Easy to use and maintain – does not require a special database administrator

Key Benefits

- Helps improve medical decisions and reduces errors through more complete, timely and integrated information
- Increases productivity and reduces cost - see more patients through greater efficiency & minimize paper handling
- Improves billing accuracy and provides better documentation for insurance/legal requirements
- Embedded rules and protocols aid quality, consistency
- Manage with powerful decision support tools

Contact us through our website (www.msdc.com), via email marketing@msdc.com or by phone (01.770.984.9550) and let us work with you to design a solution.

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