HealthMatics® ED
Emergency Department Information System
In the world of emergency medicine automation, Allscripts has emerged as the proven leader. Serving on leadership councils such as e-Healthcare Initiative (eHi) and the Markle Foundation, we are forging the way in emergency medicine clinical automation. With more than 35 years experience in providing over 200 hospitals nationwide with systems to automate emergency department processes, Allscripts is fast becoming known as the standard for software solutions that inform, connect and transform.

HealthMatics ED from Allscripts allows emergency departments to improve their bottom line by streamlining the care experience while improving processes and staff productivity. Our clients enthusiastically agree that HealthMatics ED is easy to use allowing physicians and nurses to quickly adopt to the solution and driving proven results.

As preferred vendor of the VHA and with premier training, implementation and ongoing support, Allscripts makes the process of automating your ED easy. And when it comes to integrating with your hospital’s existing system, HealthMatics ED leads the way!

**IMPROVE PROCESSES**
- Patient registration, tracking and discharge
- Triage and order entry
- Nurse and physician charting

**SIMPLICITY AND EASE OF USE**
- Single-screen, real-time views of ED activity, orders and results
- Single-click prescription writing
- Patient-specific support information

**PROVIDE BETTER PATIENT CARE**
- Reduced wait times
- Protocols and documentation compliance
- Reduced medical errors with risk management
- Clear, quality aftercare instructions

**MAXIMIZE ROI**
- Real-time dashboards
- Efficiency and protocol reporting
- Monitor population patterns
- Access procedure code tracking
- Automatic E&M treatment charges

The right choice for your emergency department.
“St. Francis has already doubled its patient load and St. Mary’s has cut its per-patient ED time in half. HealthMatics ED has taken us much closer toward meeting our long-term business goals.”

Jeffrey Burke | EVP/CIO, South Team
Bon Secours Richmond Health System

By interfacing with other hospital systems, the Patient Tracking Board is continuously updated, providing a real-time view of patient activity in the emergency department.

Total control of your emergency department.

With HealthMatics ED, gone are the days of grease boards and uncertainty about patient status. From a single screen, clinicians will see a dynamic view of all activity within your emergency department. By interfacing with other hospital systems, the Patient Tracking Board provides a real-time view of where patients are and who is currently treating them, what tests they’re undergoing, what medicines they’re receiving, and if their treatment timeline is within your department’s guidelines.

Patient Tracking Board puts your department in control of what they need to see. Through user-defined views, clinicians can view and sort patient information at their own discretion. And real-time information means that clinicians don’t have to second-guess which patients get priority, which labs have been ordered, and if test results have been received.

HealthMatics ED is flexible, intuitive, simple and effective. Integrated features like “one-click” access to individual patient charts, the ability to view multiple charts simultaneously and track the entire patient treatment experience at a single glance, and alerts that notify the clinician of overdue treatment times, medication conflicts and conflicting orders improve your department’s performance.

Dynamic View of All Activity
User-defined toolbars allow the clinician to sort and view up-to-date information by acuity, arrival time, user ID, last name or status. Color-coded text indicates various acuity levels.

Multiple Views
With various tracking board views, users can see occupied and empty beds, sort patients by clinician or all clinicians, and look at individual areas of the emergency department, such as waiting room, urgent care or critical care.

Current Patient Data
Integrated with other hospital systems, clinicians have all the right patient information at the right time to review orders sent and results received.

Icon Tool Tip Hotlink
By simply clicking on an icon, users can link directly to results, or can indicate that the clinician has reviewed the order and is ready to act on it.

Patient Status Indicators
At a single glance, clinicians know exactly the course of treatment for a patient through the use of easy-to-understand icons, representing labs, tests, procedures, and other patient activities. Icons are color-coded to identify abnormal order values.
HealthMatics ED provides graphic representation of bed load, acuity, patients-by-hour, and average patient time at each status level.

The information you need, exactly the way you want it.

When your emergency department clinicians and nurses are treating patients, they want the most up-to-date patient information available, and they want it to be easily accessible. HealthMatics ED Patient Chart offers a patient’s complete chart displayed for review-only on a single screen. Clinicians have immediate access to key patient information, as well as clinical charts, nursing notes, sketches and aftercare instructions. And with multiple views available, billing, admitting, and private care physicians have a customized chart of the same patient information that’s provided for the clinician and medical record.

HealthMatics ED Operations Monitor provides the charge nurse and ED management with a unique, comprehensive, real-time view of all ED activities. Emergency department staff can monitor the treatment status of each patient to ensure the status falls within treatment guidelines and operational managers can view actionable performance information to identify problem areas.

HealthMatics ED Reporting gives you instant, visual statistical reports on your emergency department’s daily operations to review your ED’s practice and population patterns.

ACCESS TO REAL-TIME PATIENT CHARTS
- Real-time charts are shared and reviewed
- Secure, authenticated monitoring and reporting of chart access
- Indicators of charted/uncharted topics
- Sketches, aftercare instructions and other details embedded into the chart for permanent storage

UNLIMITED, CUSTOMIZED VIEWS WITH CHART BUILDER
- Infinite number of chart templates
- Ideal for multiple applications

REAL-TIME STATUS OF OPERATIONS
- Graphic representations of bed load, acuity, patients-by-hour, and average patient time at each status level
- Single view of ED activities to aid in productivity benchmarking

FLEXIBLE, POWERFUL REPORTING FOR BETTER, MORE INFORMED DECISIONS
- Ad hoc reporting and over 100 standard reports
- Statistical summaries, such as door to doctor time, and lab turnaround time

“HealthMatics ED is very intuitive. There’s so much information available that you can easily build your own statistically accurate reports, which would be impossible with paper records.”

Dr. Robert Weisberger | Medical Director
St. Francis Medical Center
When patients come to your emergency department, they have one thing on their minds, “When will the doctor see me?”

HealthMatics ED Clinical Documentation streamlines the triage process by bringing forward information from previous ED visits, assisting clinicians with documentation compliance, and presenting easy to use clinical assessment templates based upon the patient’s chief-complaint.

Patient information is efficiently captured and is concurrently available to all clinicians caring for the patient, and can be shared with the hospital information system, assuring comprehensive patient information is available if the patient is admitted.

With intuitive navigation and information available on a single screen, HealthMatics ED Clinical Documentation enables your emergency department staff to document efficiently, without data re-entry.

“HealthMatics ED is the best software available to emergency departments today. After training close to 450 staff members at 2 locations, it was clear the system was easy to learn and more importantly... the staff like using it.”

Janice Frohman  
Administrative Director  
Emergency Services  
WakeMed Health & Hospitals

HealthMatics ED provides complete nursing documentation from triage and nurse assessments to flow sheets, nursing procedures and disposition.

Simple to use... allowing for better patient care.

When patients come to your emergency department, they have one thing on their minds, “When will the doctor see me?”

HealthMatics ED Clinical Documentation streamlines the triage process by bringing forward information from previous ED visits, assisting clinicians with documentation compliance, and presenting easy to use clinical assessment templates based upon the patient’s chief-complaint.

Patient information is efficiently captured and is concurrently available to all clinicians caring for the patient, and can be shared with the hospital information system, assuring comprehensive patient information is available if the patient is admitted.

With intuitive navigation and information available on a single screen, HealthMatics ED Clinical Documentation enables your emergency department staff to document efficiently, without data re-entry.

**TRIAGE**
- Fully customizable and comprehensive
- Protocol order sets generated based on chief-complaint, age and/or gender
- Information from previous ED visits brought forward for streamlined triage
- Registration to the hospital system with triage information

**AUTOMATED PRESCRIPTIONS & DISPOSITION**
- Prescription writing tool creates quick, legible prescriptions
- Thousands of FDA approved prescriptions available in the database
- Bi-lingual discharge instructions on more than 1,000 topics are available
- Work and school release notes are included with the patient’s chart

**COMPREHENSIVE PATIENT INFORMATION MANAGEMENT**
- Complete nursing documentation from triage to disposition
- Clinicians set alerts for medications, vital sign reassessment, and orders
- Billing, coding, and facility charges are automatically calculated and captured
“Physicians like how HealthMatics ED allows each physician to customize various aspects of charting, style, format, templates, and more. It allows for individual variability so each physician can tailor the product to best suit his/her needs, such as medication preferences and legible, aftercare instructions.”

Jonathan Mills, MD
North Fulton Regional Hospital

Automated physician orders for on-time care.

At the core of emergency department care are patient orders. Whether they’re orders for labs, prescriptions, radiology, procedures or tests, these are, perhaps, the most critical steps in emergency department patient care. HealthMatics ED meets this challenge head-on with its sophisticated, customizable order entry capabilities.

When patients are being discharged from the emergency department, your clinicians do their best to inform their patient about what to expect, what to do when they get home, and when to come back in should additional problems arise. But most clinicians would agree that simply telling a patient what to do and what to expect isn’t enough. Providing comprehensible aftercare instructions, patients are more informed and therefore receive better care.

HealthMatics ED offers integrated Discharge 1-2-3 Gold Standard Content, providing customizable discharge content especially for emergency department patients. Your emergency department will see streamlined, efficient discharge processes, and better educated patients as they are discharged.

ORDER MANAGEMENT

- Interface simplicity
- Real-time order and result status displayed
- Single-screen application
- Fully customizable order data
- More than 200 anatomical sketches

SUPER-CHARGED ORDER SETS

- Fully customizable order sets
- Order sets are user-defined
- Drug-interaction module checks
- View and execute multiple orders on a single patient

CHIEF-COMPLAINT DRIVEN ORDER SETS

- Order protocols and processes are established by chief-complaint
- Procedure documentation is entered with a pick-list

AFTERCARE INSTRUCTIONS

- Intuitive interface streamlines the discharge process
- Content written by board-certified, residency trained emergency medicine specialists
- Over 1,000 topics in English and Spanish
- Content undergoes rigorous medical and legal review, with ongoing updates
“We selected HealthMatics ED to automate our ED not only because it is a comprehensive system capable of customization, but because it can easily interface with our organizations’ numerous existing technologies, including our hospital information system.”

Tommy Bozeman | CEO and VP
North Mississippi Health Services

Painless implementation with high-level service.

HealthMatics ED offers a powerful, yet flexible, information system for emergency departments. As robust as the system is, however, a key aspect is the service that goes along with it. Your staff will not only be confident in using the application, but will embrace it.

Implementation Services

With hundreds of installations, our implementation staff has learned many lessons from past projects and is able to bring this experience to bear on each new implementation. Chief among these lessons is that, while there are many common challenges and solutions to offer all clients, emergency departments are unique. So starting with a well-documented and well-defined process, we customize each engagement with a unique plan and timetable specific to the individual emergency department.

We’ll walk through the entire process with you, providing a fully-documented plan so you know exactly what to expect, in terms of staffing and resource requirements and other facility-specific needs.

IMPLEMENTATION PROCESS

- Project management
- Implementation planning
- Workflow analysis
- Installation
- System configuration and customization
- Interface set-up and testing
- Testing
- Training
- Go-live assistance
- Post go-live support
- Reimbursement Audit
Training Services
As the implementation process is underway, our training staff will provide intensive, structured classroom time, as well as scenario-based, hands-on sessions, to get your staff fully comfortable with the operation of HealthMatics ED. Additionally, we’ll provide key department staff with the background necessary to train other staff members in the emergency department. During these “train the trainer” sessions, your key staff members will gain a solid understanding of how HealthMatics ED integrates into the department workflow, in order to educate and assist other staff on a daily basis.

Support Services
We will be with you every step of the way during the implementation and training sessions, to ensure there are no outstanding issues or concerns prior to your go-live date. After you launch, we will continue to provide you with the same high level of support and service, when you need it.

TRAINING PROCESS
- Kick-off meeting/application overview
- Workflow consultation
- System administration training
- Application administration training
- Key physician overview
- Super user training
- Reports training
- ChartBuilder training

TRAINING PROCESS
- Toll-free telephone software support available 24/7/365
- Dedicated account managers
- Clients-Only Website provides area for support requests, enhancement requests, training schedules and product documentation downloads.
When selecting an Emergency Department Information System, a critical component is how well it integrates into your hospital’s other information systems. This is a crucial consideration, not only for your emergency department system, but for your hospital’s lab, radiology, transcription, pharmacy and HIS systems. This is especially important for hospitals using multiple information systems throughout their operation.

With HealthMatics ED, our system is backed by more than 30 years experience in interfacing with other systems, using standard HL7 interfaces, and offering you the flexibility of creating custom interfaces. With seamless integration and interoperability between multiple systems, and one of the most comprehensive and flexible ED Information Systems available, HealthMatics ED assures you of a successful implementation, helping you to generate positive ROI while providing better patient care.

Find out more about how Allscripts and HealthMatics ED can help your department work more effectively and more efficiently while maintaining superior patient care.

Call us today at: 888-672-3282 or visit www.allscripts.com/edis