



## Picis ED PulseCheck

### Powering performance in the emergency department with advanced clinical decision support

The fast-paced, stressful care environment of the emergency department (ED) has unique workflow and patient care requirements that do not match any other clinical area of the hospital. Overcrowding, lengthy wait times and admission delays can make the management of patient throughput a major challenge.

**Picis ED PulseCheck™** is the high-performance ED EMR (emergency department electronic medical record) that helps hospitals increase the efficiency in the ED. It delivers a complete set of management and operational tools that help optimize ED performance as well as provides interoperability with a hospital's enterprise-wide system (HIS). In addition, ED PulseCheck offers charge capture/reimbursement and full clinical documentation functionality, helping clinicians drive clinical quality, financial performance and patient satisfaction.

Armed with accurate information, your ED staff can actively manage the ED workflow, taking action where necessary, and helping them impact patient care and satisfaction.

### Key features

#### Complete clinical documentation

- Clinician specific, compliant and easy to use macros
- Accessible single unified patient record

#### Advanced clinical decision support

- Clinician documentation of Core Measures and PQRI for improved compliance
- Enhanced allergy handling allowing better communication of patient information
- Weight-based dose range checking helps avoid risks of inaccurate information being entered in the system
- Integrated risk mitigation clinician-defined clinical rules content helping proactively identify high risk patients

#### Integrated charge capture documentation

- Improved documentation for appropriate reimbursement of facility visit level and procedure charges

#### Seamless interoperability

- Standards-based Continuity of Care Document (CCD) connectivity with Healthcare Information Exchanges and HIS

#### Visibility into hospital resources

- Helps proactively identify and address bottlenecks impacting patient admissions and ED throughput

#### Intuitive web-native architecture

- Easy to learn from an end-user perspective

ONC-ATCB certified to help hospitals meet meaningful use requirements

A customizable tracking board displays updated patient information, helping coordinate the flow of patients through the emergency department, allowing clinicians to track their patient documentation and helping improve communication by linking ED clinicians and patient records to a wider community.

Provides information on the patient's location within the ED, with colors representing the urgency of the patient being assigned by the facility.

Enter patient information quickly and easily as part of quick evaluation.

Helps determine status of patient.

Shows the length of stay with a link to the patient timers.

Bed Urgency	Patient	Age	Complaint	Physician	RN	Orders	Dispo	LOS	Done
ZONE1 05	Anderson, D. R.	Go	F21 BILATERAL LEG, ARM NUMBNESS	ALGA JHOU	LTOF DANY	L		1:29	SCA P V
ZONE1 03	Ashton, P.	Go	M58 ABD PN	ALGA MMEN	EVE DANY	L M N X		2:48	SCF AP V
ZONE1 01	Bowers, G. S.	Go	F90 WEAKNES	ALGA MMEN	EVE DANY	L E M N X	TELE 729-1 67790	3:04	SCE FAP DV
ZONE1 07	Brown, C. D.	Go	M44 MIGRAINE	ALGA JHOU	KPET DANY	M		1:09	V
ZONE1 10	Danberry, J. W.	Go	M58 Abnormal Labs	ALGA JHOU	KPET DANY	L	X	1:50	CAP
ZONE1 09	Gulliver, J. A.	Go	F36 Allergic Reaction	ALGA MMEN	KPET DANY	L E M N X		2:50	SCE FAP V
ZONE1 04	Kennicott, N. D.	Go	M42 BACK PAIN, LEG NUMBNESS	ALGA MMEN	EVE DANY	L	X	1:32	SCF AP V
ZONE1 11	Miller, K. L.	Go	F54 KIDNEY STONES, VOMITING	ALGA MMEN	KPET DANY	L M N		1:05	CFA P V
ZONE1 08	Swanson, R.	Go	M47 CHEST PAIN	ALGA JHOU	LTOF DANY	L E M N X		:55	SCE FP V
ZONE1 02	Tilfino, B.	Go	F91 AMS	ALGA MMEN	EVE DANY	L E M N X		:46	SCE FP V
ZONE1 06	Wolf, C. S.	Go	M28 Finger Laceration	ALGA LCON	LTOF DANY	L M N	DIC	2:17	2 CA P DV

Indicates the order types placed in ED PulseCheck as well as status of these orders.

Calls out high clinical importance items to highlight combinations of patient conditions the physician may not have noticed.

### Simplified patient tracking

To efficiently manage patients throughout their ED stay, ED PulseCheck's fully integrated tracking board provides key patient information such as chief complaint, time for next nursing reassessment, patient urgency, length of stay and patient disposition. This overview enables clinicians to easily prioritize tasks, helping contribute to improved operational efficiency, decrease overall disposition time and increase patient satisfaction.

#### Snapshot of the ED

Track department metrics as they occur in order to make better decisions about managing resources.

- Helps the ED treat and disposition a higher volume of patients
- Provides visibility to average flow times, current caseloads and average length of stays, helping clinicians improve the quality of patient care while minimizing delays

### Powerful reporting tools

Standard reports include hourly triage activity, turnaround times, order usage, disposition summary and post care results, among many others.

- Helps accelerate and simplify the process of measuring performance, quality of care, costs and charges
- Provides all information needed to help support important decisions within the ED

### Complete charge management solution with proven results

The first completely integrated clinical information and revenue management solution for the ED.

- Infusion/injection calculator that displays results within ED PulseCheck, helping increase ED reimbursement for patients that are discharged
- Consistent and compliant facility visit level (E&M score) calculations

### Weight-based dose range checking

ED PulseCheck provides a single maximum dose checking capability, actively checking on the dose being ordered for a patient, rather than asking the clinician to do this check manually. With the patient age and weight as well as information about the drug being ordered, a check against the dose content is made to determine whether the dose ordered is within "maximum" or "not to exceed" limits. A notification is then returned confirming whether the dose check passed, failed or was unable to be performed due to missing information. This functionality provides the clinician with feedback ahead of the dose being given, helping alleviate the risk that incorrect or missing information is entered in the system.

### Enhanced allergy handling

ED PulseCheck documents and manages the patient's allergy information from one visit to another and additionally allows the user to receive, validate and modify previous allergies for the patient's current visit. Allergy information also includes the severity and reaction, and is available from each previous ED PulseCheck visit as well as can be sent to the hospital

information system. For hospitals wishing to control access to the entering or editing of patient allergy information, a permission for allergy entry is also available as part of the ED PulseCheck feature.

### Integrated Risk Mitigation

ED PulseCheck's built-in notifications help improve documentation by reminding caregivers of important clinical documentation requirements such as reminders for re-evaluation, vital sign range checks, drug/allergy checks, drug/drug interaction checks and reminders of open orders when patients are admitted or discharged.

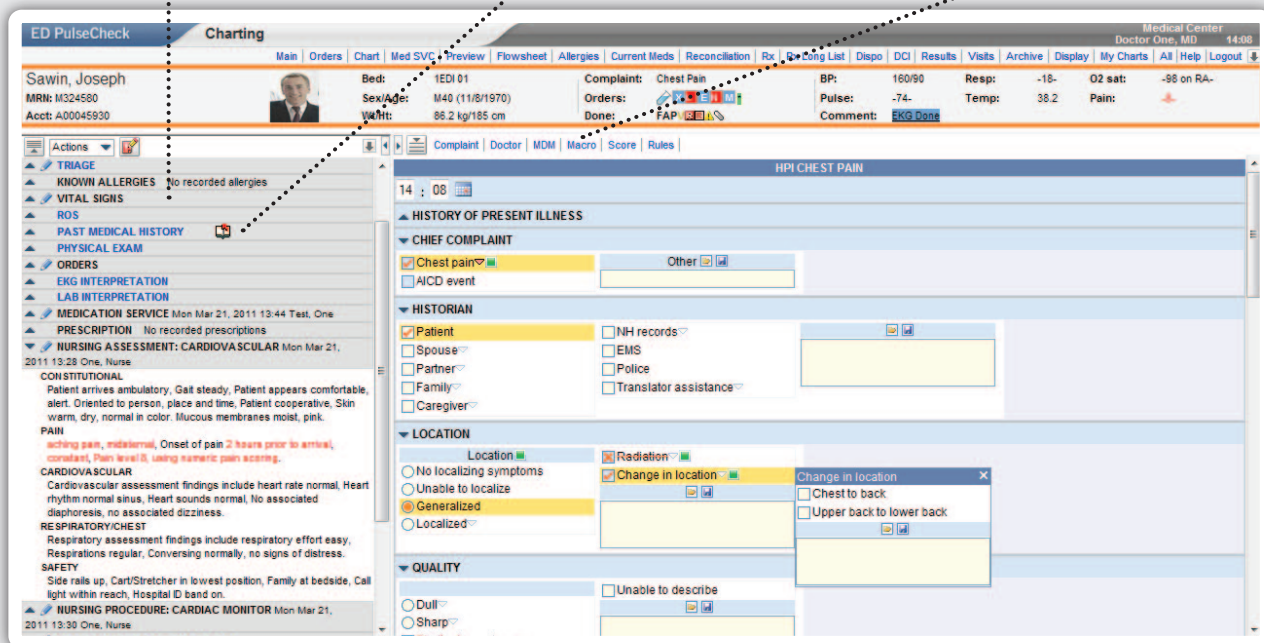
Every two minutes, PulseCheck InSight ED rules processor reads through the patient chart data and compares the data to clinical rules provided by The Sullivan Group (TSG), leaders in Risk Mitigation in Emergency Medicine. The TSG Clinical Rules scan for information associated with high degrees of patient risk that may not have been considered by the clinicians, yet may be key to the clinician accurately diagnosing and/or treating an ED patient's condition.

### Quick and easy charting

Customizable templates, screens, drop-down menus and gender-specific parameters provide easy documentation.

Consistent and complete documentation of patient's past medical history helps to ensure complete care and decreases liability.

User-specific macros help clinicians complete documentation quickly, allowing more time with patients.



## Seamless interoperability with the rest of the hospital

ED PulseCheck provides true bi-directional interoperability and automation of workflow for each major HIS including GE, McKesson, Siemens, Cerner, Meditech and Epic. ED PulseCheck supports multiple medication databases and interface feeds, helping support separate workflows and streamlining the flow of patient data across the hospital and provider network system. ED staff can view key patient data within ED PulseCheck from a variety of information systems, helping eliminate delays and errors.

## Specific emergency department expertise

Picis is the only ED EMR specialty vendor in the industry with more than 280 ED PulseCheck clients live on the product. Additionally, Picis is the leader in ED solutions, installed in over 1200 facilities and helping automate more than 34 million ED visits per year.

## Certified for meaningful use

ED PulseCheck is 2011/2012 compliant and is certified as an EMR module by the Certification Commission for Health Information Technology (CCHIT®), an ONC-ATCB. Core reports for 12 different criteria are available within ED PulseCheck enabling hospitals to easily report on their compliance with the measures identified by the ONC for hospital certification of meaningful use.

## Easy to use, easy to deploy

Picis professional services help transform emergency departments into highly efficient operations while promoting successful and timely implementations of your ED PulseCheck solution. Picis has a dedicated team of ED practitioners with expertise in software installation, as well as certified project managers experienced in rapid system configuration which helps ensure a smooth, efficient and rapid implementation that quickly delivers results.



### About Picis

Picis, now part of Ingenix, is a global provider of innovative solutions that enable rapid and sustained delivery of clinical documentation, financial and operational results in the emergency departments, surgical suites and intensive care units of more than 2,200 hospitals in 19 countries. For more information about Picis, visit [www.picis.com](http://www.picis.com).