

## Picis Critical Care Manager

Automate and optimize processes when every second counts

Picis is a part of **OptumInsight**



**Picis Critical Care Manager** is a comprehensive clinical documentation and decision support system that manages the complex workflow of the ICU.

This automated solution organizes high-volume device data, lab results, calculations, orders, medications and clinical documentation for physicians, nurses and other members of the multidisciplinary team.

Critical Care Manager is part of the Picis family of high-acuity solutions that enable seamless information sharing across the continuum of care to everyone on the clinical team, an essential combination for supporting efficient workflow and immediate access to reliable patient information where it is needed most — at the bedside.

The automation of clinical documentation for all types of critical care environments including neonatal, pediatric and adult intensive care units enables physicians, nurses and therapists to view complex and diverse data in a single application.

### **Clinical documentation that helps adhere to institutional workflow standards**

With healthcare regulatory agencies denying reimbursement for the treatment of preventable errors, the documentation of clinical processes has never been more important. Critical Care Manager is a centralized documentation system for the entire ICU multidisciplinary team, generating consistent, structured and legible clinical documentation. As a result, this solution reduces the risk of errors resulting from repetitive documentation, transcription of clinical data from one place to another and illegible notes.

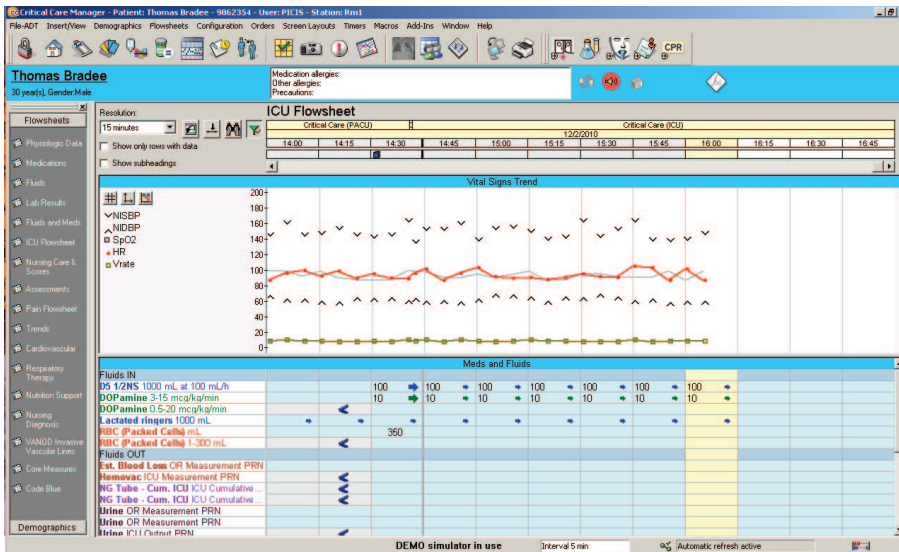
Critical Care Manager is a flexible tool that provides customizable forms, such as:

- Physician notes
- Progress notes
- Admission notes
- Discharge and transfer summaries

---

### **Key features**

- Automatic collection of data through connectivity to medical devices and intravenous pumps
- Standard and configurable case templates
- Intuitive ICU documentation
- Advanced decision support
- Advanced fluid management
- Shared data across the perioperative suite and into the ICU
- Proactive tracking and reporting of care compliance
- Audit trail and high-level security
- Clinical Context Object Workgroup-based (CCOW) desktop integration for orders
- Standard operational reports and quality reporting
- Remote access to clinical record



From one screen, ICU providers can minimize documentation time and have easy access to all aspects of patient data.

Templates can be created to reflect institutional requirements used by each ICU department. At the same time, forms can be modified to meet department requirements, or sections of a form can be imported into another form for re-use. Defined clinical information from the database is then imported into forms, making documentation swift, efficient and less error prone for intensivists and other clinicians.

As with any Picis solution, our clinical and technical experts will provide the necessary support to ensure staff acceptance, as well as help facilities make the transition toward best practices.

### Leverage recommended practices with the Content Library

Picis solutions are now delivered with pre-defined dictionary data called the Content Library, a comprehensive set of recommended documentation practices across the Picis perioperative applications — including Critical Care Manager. All content is categorized so that hospitals need only take relevant content, which can also be incrementally installed on top of existing dictionary data. The Content Library leverages over 15 years of our customers' best practices for the patient record and quality reporting, and it allows hospitals to accelerate compliance by downloading timely updates without compromising existing records.

### Quality reporting and compliance

The Quality Reporting Portal provides an out of the box web portal that automatically collects data and creates reports of quality measures for government and other regulatory agencies. Current documentation methods are mapped to report fields, and reports are generated in a Microsoft® Excel® format, allowing the quality auditor or other hospital staff to merge Picis data with that from other departments, or to upload the data into a hospital-wide quality reporting system for submission.

This solution transforms the burdensome and labor-intensive collection of data to a simple task while enabling hospitals to demonstrate compliance with meaningful use and other regulatory reporting requirements to optimize hospital reimbursements.

## Interoperability eliminates duplication of information

Interoperability in intensive care is vital to customer satisfaction, and Critical Care Manager is a proven interoperable solution. Patient information is gathered from monitors, ventilators, laboratory systems, hospital information systems (HIS) and other medical devices at the bedside. This effectively eliminates redundant data entry and transcription errors and allows clinicians to remain at the point of care.

## Powerful data correlation

Trends are graphically displayed, giving clinicians a visual image of data correlation at the point of care, which helps reduce medical errors. For example, a sophisticated graphical charting capability allows clinicians to track blood gas results versus ventilator setting.

## Gain nurse efficiencies using standard protocols

Standard care protocols — including key assessments, treatments, scores, documentation requirements, laboratory results and medications — are available within Critical Care Manager.

With Critical Care Manager, nurses can easily establish a restraints protocol standard and the system will not only prompt staff for necessary documentation, but also proactively assess compliance. This helps organizations:

- Increase compliance with regulatory requirements
- React quickly to regulatory changes
- Minimize exposure to liability

Critical Care Manager supports Joint Commission-compliant units of measurement and tall-man lettering to distinguish look-alike medications. It also supports hospital forms as well as guidelines for documentation and practice protocols.

## Expedite the transfer of information between staff

A patient summary — providing important information collected over the previous 24-hour period and summarized in an easy-to-view standard format — is generated in

**Patient Summary**

Current Report | Notes | Saved Reports

Change Viewing Period  
Add Notes  
Save Report  
Export Report

**Patient:** Thomas Bradee      **Room:** XFFR05P2      **Age:** 30 Years  
**Weight (kg):** 80.0      **Gender:** Male  
**Height (cm):** 177.8      **APACHE II:**

**BMI:** 25.3      **Number**

**Allergies**

**Diagnoses and Procedures**

**Diagnoses**

- ▶ 717, Internal Derangement of Knee (12/20/2010 2:55 PM)

**Procedures**

- ▶ EVALSH0073, ORIF (open reduction internal fixation) (12/2/2010 4:15 PM)

**Chart Data** 12/20/2010 12:00 AM - 12/20/2010 11:59 PM

**Vital Signs**

	Time	MAX	Time	MIN	Time	LAST
▶ HR	12/20 3:00 PM	105	12/20 2:58 PM	88	12/20 3:18 PM	97
▶ NISBP	12/20 2:56 PM	163	12/20 2:54 PM	136	12/20 3:18 PM	159
▶ NIDBP	12/20 2:56 PM	71	12/20 3:00 PM	59	12/20 3:18 PM	61
▶ NIMBP	12/20 3:03 PM	93	12/20 2:55 PM	77	12/20 3:18 PM	92
▶ SpO2	12/20 2:54 PM	100	12/20 2:55 PM	88	12/20 3:18 PM	91

**Active Orders** (at 12/20/2010 3:18 PM)

**Fluids**

- ▶ D5 1/2NS 1000 mL at 100 mL/h Continuous Continuous
- ▶ DOPamine 3-15 mcg/kg/min 400 mg/250 mL Intravenous OR Continuous Continuous (Current dose: 10 mcg/kg/min)
- ▶ Lactated ringers 1000 mL Continuous Continuous
- ▶ RBC (Packed Cells) 1-300 mL ICU Bolus PRN

**Fluid Balance**

	IN	OUT	NET	Date/Time
▶ Current Shift	39.3972	0	39.3972	12/20 3:00 PM - 12/21 7:00 AM
▶ Previous Shift	1040	0	1040	12/20 7:00 AM - 12/20 3:00 PM

---

Snapshot of a portion of the Patient Summary that communicates key information helping clinicians track patient progress. Users can generate a summary whenever needed, for example, at the start or end of a shift.

---

seconds with Critical Care Manager. This report saves clinicians' time when transferring patient information between nurses at shift change, during physician teaching rounds or when transferring patients between clinical areas. Other caregivers — such as respiratory therapists and nutritionists — can access an overview of a patient's condition without sorting through large volumes of collected data. This helps minimize the risk of errors and communication gaps, and it enhances caregiver productivity.

### Clear visibility to fluid balances and drug dosages

Critical Care Manager provides clear visibility to fluid balances. It automatically records and displays fluids and medications with fluid calculations documentation, reducing the time that nurses spend calculating and charting. Direct connection to the intravenous pumps helps reduce documentation errors and provides up-to-the-minute information for informed decision making.

At the touch of a button, the system quickly and easily calculates and displays a fluid balance summary. For example, clinicians can correlate various hemodynamic parameters with treatments such as narcotic administration and pain scores. When time is at a premium, Critical Care Manager provides assistance in accurately calculating and recording fluids and medications, allowing clinicians to avoid transcription and calculation errors while helping enhance the efficacy of care.

### Configurable for the unique needs of specialty ICUs

Critical Care Manager supports the specific workflow requirements of different ICU environments. In the neonatal intensive care environment, for example, Critical Care Manager keeps a running total of fluid balance calculations and can track to 1/100th of a milliliter. In the cardiovascular ICU, the system can easily connect to specialized equipment, such as intra-aortic balloon pumps and ventricular assist devices. No matter what the environment, Critical Care Manager can be tailored to meet its unique clinical documentation and business requirements because it is configurable to support the workflow and patient management of specialty ICUs.

### Supporting the continuity of care

Picis provides clinicians with one contiguous record that spans the ICU, the operating room (OR) and the post anesthesia care unit (PACU), making the flow of information seamless and ensuring that a patient's progress is automatically tracked and documented from one high-acuity area to another. This online record can be easily reviewed at the patient's bedside or from any remote location. With such powerful capabilities, clinicians have the flexibility to review patient care data and make decisions based upon the complete picture.

These data-driven decisions can help clinicians improve care and dramatically reduce costs. Continuity of clinical documentation saves time and reduces the risk of communication errors when transferring patients between care areas or clinicians. It supports quality assurance efforts, since the impact of an event in the OR and PACU can often be seen as an outcome in the ICU.

---

Picis, a subsidiary of OptumInsight—part of Optum, a leading health services business, is a global provider of innovative information 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 the hospital. Picis offers the most advanced suite of integrated products focused on these life-critical areas of the hospital where the patients are the most vulnerable, the care process is the most complex and an increasing majority of hospital costs and potential revenue are concentrated. Headquartered in Wakefield, Massachusetts, Picis has licensed systems for use at more than 2000 hospitals in 19 countries.

For more information about Picis, visit [www.picis.com](http://www.picis.com)

---



T 781 557 3000 | [www.picis.com](http://www.picis.com)

100 Quannapowitt Parkway, Suite 405, Wakefield, MA 01880

© Picis, Inc. All rights reserved. "Picis" and the Picis logo are either registered trademarks or trademarks of Picis, Inc. in the United States and/or other countries. Excel and Microsoft are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. All other trademarks mentioned herein are the properties of their respective owners. This product sheet represents information for the North American market only.

COL Critical Care Manager Product Sheet 11232011

