

## Picis InSight Critical Care

Comprehensive documentation automation for critical care

Picis is a part of **OptumInsight**



It's no secret: caring for critically ill patients is extremely challenging. The ICU is often data rich and information poor. Most hospitals wish they had a safety net silently watching for those important changes in patient data and providing clinicians with the information needed to help support their decisions.

**InSight Critical Care™** is a decision support system that works with Picis Critical Care Manager, part of the Picis family of high-acuity solutions, enabling the creation of rules based on clinician-defined criteria.

An intensivist may want to be notified when certain physiologic information indicate a change. For example, a rule can be created that looks at a number of key cardiac values stored in Critical Care Manager, such as:

- Heart rate
- Blood pressure
- Cardiac output

InSight Critical Care does the rest. When the defined criteria are met, InSight Critical Care fires off a notification to the people that need to know — by pager, by email and with on-screen notifications. It never sleeps, delivering information users need when they need it and it is completely configurable by users.

InSight Critical Care was designed by clinicians, so creating each rule is intuitive. Rules are written using a natural language format and draw from fields within Critical Care Manager, such as:

- Physiologic variables
- Fluid totals
- Lab results
- Patient demographics
- Medications

### Key features

#### Configurable to meet your specific needs

- Clinicians create their own rules using fields within Critical Care Manager

#### Facilitates notification of changes in patient information

- Users specify under what circumstances they want to receive a notification, such as when a physiologic value trend occurs over a certain period of time

#### Helps improve clinician efficiency

- Facilitates staff communication and decreases phone calls

#### Assists research studies

- Helps identify patients who are eligible for clinical trials, research studies or for hospital-based protocols

## Advanced decision support for busy clinicians

InSight Critical Care addresses common clinician workflow concerns.

- “I would like to know when the patient’s MAP decreases by  $\geq 15\%$  from the AVERAGE MAP over the last 6 hours.”
- “I would like to know if the patient’s urine output for the last hour is  $< 0.5\text{cc/kg/hour}$ .”
- “I would like to know when the patient’s fluid balance is  $\geq +1000\text{cc}$  for the last 12 hours AND urine output is  $< 0.5\text{cc/kg/hour}$  for the last 12 hours.”
- “I would like to know if the patient’s age  $\geq 55$  AND LOS  $> 72$  hours.”
- “I would like to know if the patient’s age  $\leq 30$  days and HR  $> 100$ .”

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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)

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