

# Counting down to critical events: Catch them before it's too late



In one year, adverse events are estimated to cause up to

# 98,000

hospital patient deaths in the United States\*

\* The Permanente Journal, 2007.

Up to 17% of patients in the medical surgical areas of the hospital will face an unexpected complication\*

\* Bellomo R, Goldsmith D, Russell S, Uchino S. Postoperative serious adverse events in a teaching hospital: a prospective study. Med J Aust. 2002; 176:216-218

Up to  
**8 hr**  
prior

**70%** of cardiac arrest patients show signs of respiratory deterioration\*

\* Lippincott, Williams and Wilkins, 2012.

Up to  
**6 hr**  
prior

**66%** of cardiac arrest patients show abnormal signs and symptoms\*

\* American Heart Association

Within  
**15 min**  
of cardiac  
arrest

is when most Rapid Response Team patients are identified—

**most often too late to intervene\***

\* American College of Chest Physicians  
<http://journal.publications.chestnet.org/article.aspx?articleid=1186438>

How automated Early Warning Scoring (EWS) can aid in identifying patient deterioration when **there's still time to make a difference**



## Turn back the clock:

EWS can aid in identifying subtle warning signs of physiological decline

# 6 to 8 hours before an event\*

\* Incidence, staff awareness and mortality of patients at risk on general wards. Fuhrmann L, Lippert A, Perner A, Østergaard D. Resuscitation. 2008 Jun;77(3):325-30. Epub 2008 Mar 14. PMID: 18342422 [PubMed - indexed for MEDLINE]

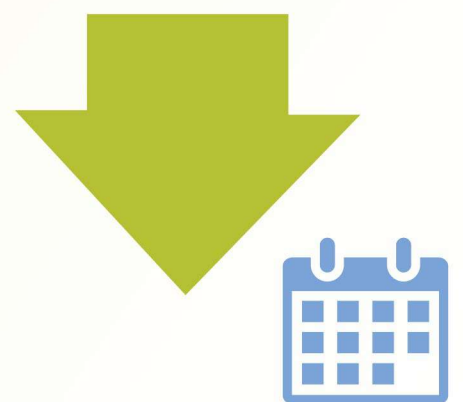
Automated Early Warning Scoring enables nurses and staff to quickly get a standardized view of patient deterioration and can

## enhance rapid response



Automated EWS may reduce patients'

## hospital length of stay



With Philips IntelliVue Guardian Solution, patient vitals are available at the bedside, and it interoperates with your current EMR so vitals can stay up-to-date in near-real time. Plus, Guardian can alert your rapid response team—helping reduce costly internal ICU transfers or readmissions.

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