PHILIPS

Alarm Management

Alarm Advisor

Customize alarm parameters for fewer alarms[1]

Alarm Advisor keeps track of clinicians response to alarms and helps them adapt alarm limits specifically to the patient.

The problem of unnecessary alarms is a concern for everyone in healthcare who is committed to patient safety and staff retention – including Philips.

With a global footprint and presence in thousands of hospitals worldwide, Philips has developed leadership, expertise and a uniquely comprehensive suite of clinically meaningful solutions in alarm management.

The challenge

Patient conditions change over time, but alarm settings may stay the same, so settings aren't in sync with the patient's current state. This can set off non-actionable alarms.

The solution

Alarm Advisor tracks a clinician's response to alarms and alerts them when it appears that a patient's warning system may be set with thresholds that are too sensitive, so they can personalize the alarm limits.

The impact

The use of Alarm Advisor software to support nurses' recognition of trends in patients' alarms and to facilitate changes to alarm settings may add value to alarm reduction initiatives.
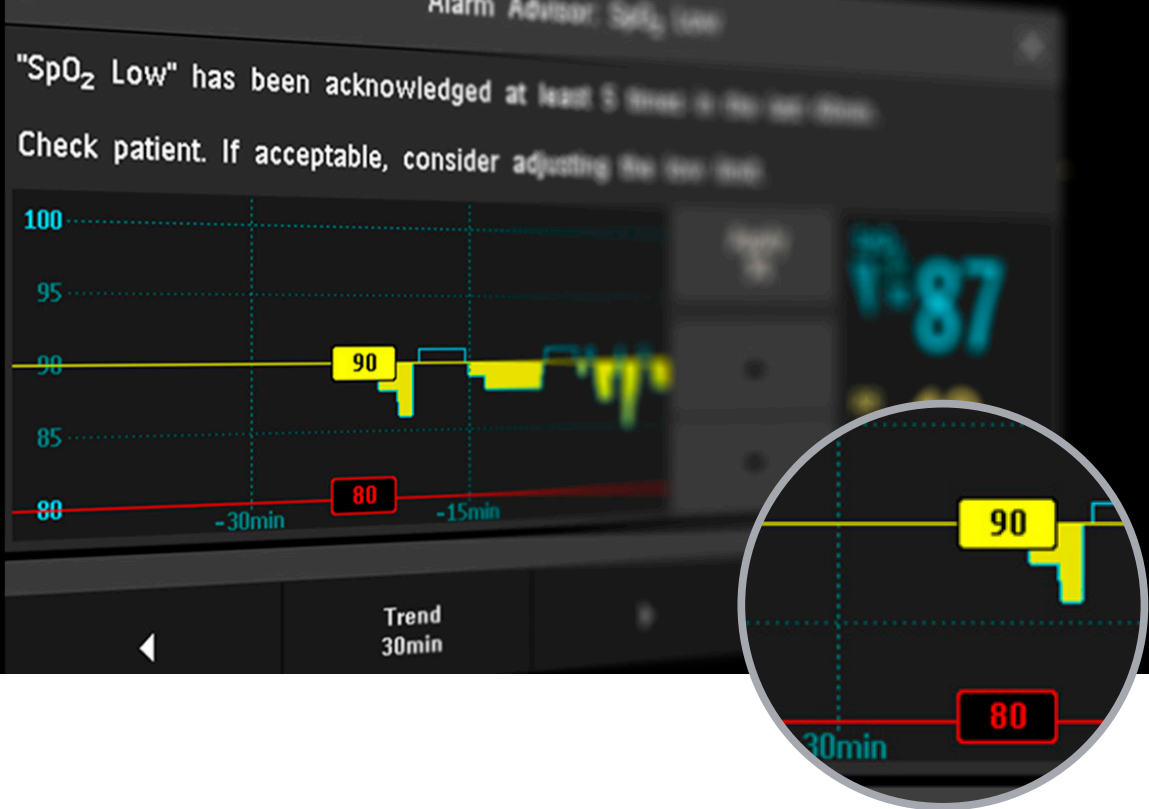
Alarm Advisor can help you:

Get feedback on alarm response behavior
By tracking limit violations for a specific measurement over a period of time

Reduce repeated acknowledgments of alarms
So clinicians know if a medium priority alarm has been acknowledged for a number of times, or if the alarm limit has been violated for a percentage of time during a set window

Tailor thresholds for patients
By prompting clinicians to evaluate the patient's condition and either intervene or personalize the patient's alarm limits

A comprehensive alarm management strategy can help you:

Dial down the noise and create a soothing soundscape. Using Philips monitoring systems, your clinical team has access to Philips Alarm Advisor, and can use it help reduce time spent responding to alarms.[1]

Improve staff experience.
Alarm customization software is associated with a reduction in alarms.[1]

Help reduce hospital noise with proven results.[2]

[1] Ruppel, H., De Vaux, L., Cooper, D., et al.Testing physiologic monitor alarm customization software to reduce alarm rates and improve nurses' experience of alarms in a medical intensive care unit. PloS one, 13(10), e0205901.
[2] Graham KC, Cvach M. Monitor Alarm Fatigue: Standardizing Use of Physiological Monitors and Decreasing Nuisance Alarms. Am J Crit Care.2010;19(1):28-34
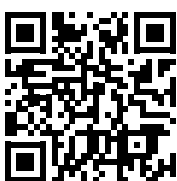
Philips can help you create quiet healing environments using innovative patient monitoring capabilities like Alarm Advisor. These capabilities, combined with our Alarm Management Clinical Professional Services consultants leverage vast industry insight to help you create and implement a comprehensive alarm management strategy that can make alarms more appropriate and actionable across your hospital.
www.philips.com/alarmmanagement

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