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Patient Monitoring

Advanced Event Surveillance

Available as part of your Philips patient monitoring platform

Combine multiple parameters into one notification to support a low false-positive alarm rate*

Advanced Event Surveillance analyzes parameter combinations and thresholds to help identify worrisome clinical patterns.

The challenge

When taken separately, changes in physiological measurements may not tell the whole story of a patient's condition. This can trigger unnecessary alerts and hinder decision-making.

The solution

Advanced Event Surveillance lets you choose groupings of up to four clinical parameters to be captured simultaneously based on a patient's specific condition. It analyzes that combination of data and displays related trends.

The impact

Analysis of customized data points triggers meaningful alarms when patterns of concern arise. And rather than having to interpret multiple single values on the monitor, clinicians see a contextualized display, to aid in quick decision-making.

* Bitan Y, O-Connor MF. F1000Res.2012;2-12;1:45.: N=564 cardiac surgery ICU patient days. Positive predictive value was 171/221 = 0.773.

Personalize triggers for customized care

Plug in a custom set of values to detect a pattern in sepsis

(e.g. grouping HR90, RR20, MAP 64mmHg and temp 38°C)

See critical fluctuations in fluid balance by combining appropriate hemodynamic triggers

(e.g. grouping heart rate, central venous pressure and PPV)

Create your own smart alarms by setting deviation thresholds and time periods

(e.g. notification when HR changes more than 40% in 60 sec)

The configuration of event groups is easy and quick. If configured appropriately, Advanced Event Surveillance is a helpful new tool for monitoring patients."
— Physician at large integrated delivery network

IntelliVue Clinical Decision Support tools have never been more important to overburdened acute care teams. Our advanced analytics and visualization capabilities give clinicians clear, contextually rich physiologic data at the point of care.
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