Aware™ Alarm Management and Reporting

Turn your alarm fatigue into AlarmSense™

We call it transformative care and the journey toward individualized patient safety management.

NIHON KOHDEN

Our journey together.

Nihon Kohden recognizes that eliminating alarm fatigue is a shared responsibility between hospitals, clinicians and monitoring companies. As a partner, we have listened and have taken several steps to help reduce nuisance alarms or alarms that are either false or technical alarm conditions that have no significant patient safety concern and are non-actionable. Such strides to aid in the reduction of nuisance alarms include:

- Increasing the advisory alarm time from 20 seconds to 120 seconds
- Providing customizable escalation alarms
- Adding programmable SpO_2 alarm delay
- Introducing respiratory algorithm changes and user definable alarm delays
- Nihon Kohden's Prefense® smoothing algorithm
- Offering other customized settings designed to limit the number of audible non-actionable alarms

It's personal.

Every patient and clinical patient population has unique care pathways to patient safety and improved outcomes. Current alarm reporting tools include, for example, the number of alarms, alarm type and duration by care area.

Yet the Joint Commission's National Patient Safety Goal alarm management rationale recommends guidelines for alarm settings as well as tailored alarm setting and limits for individual patients.

Aggregating data for reporting and analysis may lead to the oversight of clinically significant alarms of certain patient populations. In addition to providing alarm reporting by care area, Aware provides meaningful and actionable patient centric reports by clinically definable diagnosis.
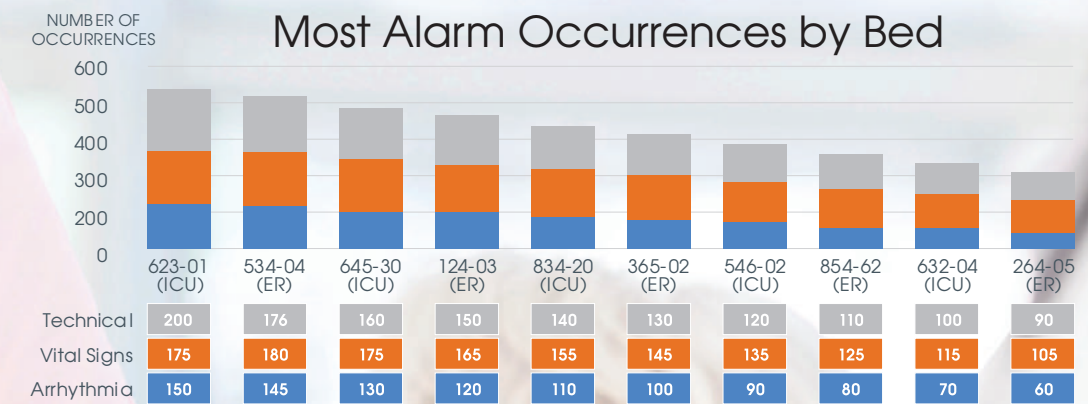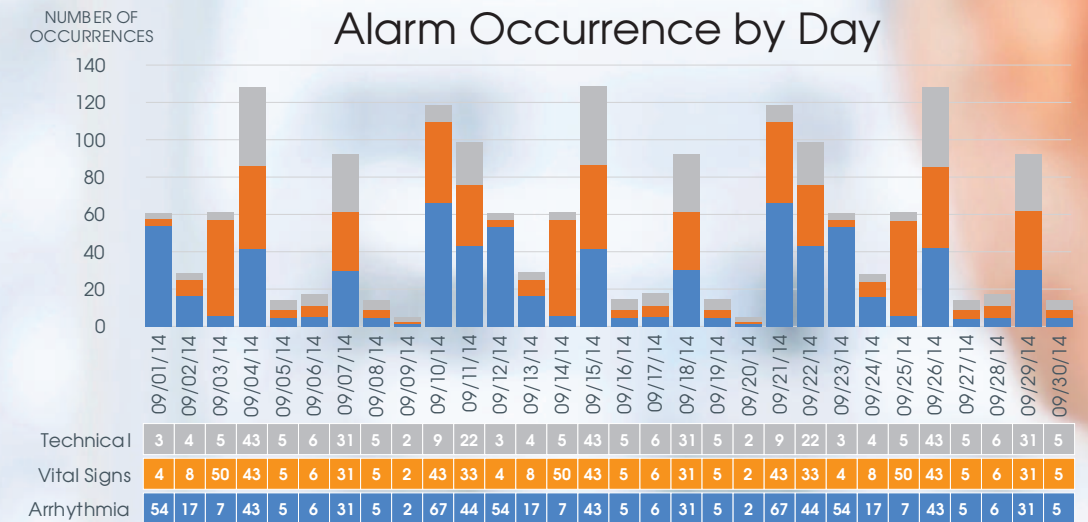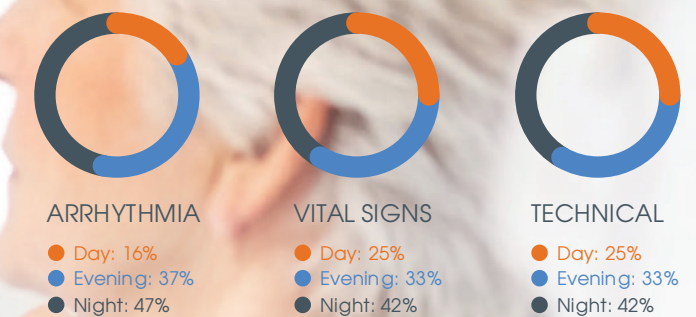
We think differently.
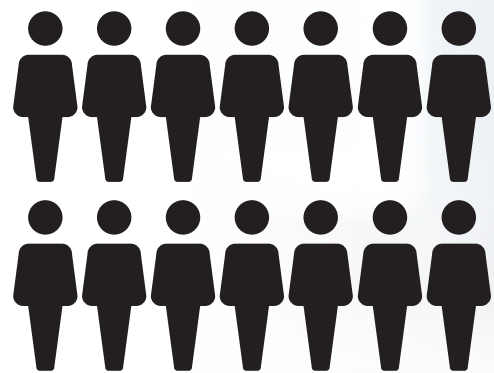
Cardiac telemetry alarm management
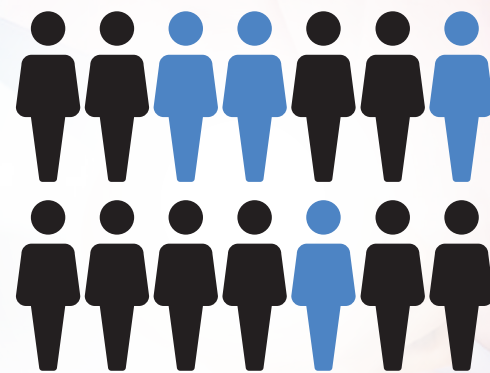
Cardiac telemetry alarm management for: Tachycardia, pacemaker, Ventricular Arrhythmias, heart block

Alarm Occurrence by Day

NUMBER OF OCCURRENCES

	09/01/14	09/02/14	09/03/14	09/04/14	09/05/14	09/06/14	09/07/14	09/08/14	09/09/14	09/10/14	09/11/14	09/12/14	09/13/14	09/14/14	09/15/14	09/16/14	09/17/14	09/18/14	09/19/14	09/20/14	09/21/14	09/22/14	09/23/14	09/24/14	09/25/14	09/26/14	09/27/14	09/28/14	09/29/14	09/30/14
Technical	3	4	5	43	5	6	31	5	2	9	22	3	4	5	43	5	6	31	5	2	9	22	3	4	5	43	5	6	31	5
Vital Signs	4	8	50	43	5	6	31	5	2	43	33	4	8	50	43	5	6	31	5	2	43	33	4	8	50	43	5	6	31	5
Arrhythmia	54	17	7	43	5	6	31	5	2	67	44	54	17	7	43	5	6	31	5	2	67	44	54	17	7	43	5	6	31	5

Most Alarm Occurrences by Bed

NUMBER OF OCCURRENCES

	623-01 (ICU)	534-04 (ER)	645-30 (ICU)	124-03 (ER)	834-20 (ICU)	365-02 (ER)	546-02 (ICU)	854-62 (ER)	632-04 (ICU)	264-05 (ER)
Technical	200	176	160	150	140	130	120	110	100	90
Vital Signs	175	180	175	165	155	145	135	125	115	105
Arrhythmia	150	145	130	120	110	100	90	80	70	60

Total Alarm Occurrence by Shift

ARRHYTHMIA
- Day: 16%
- Evening: 37%
- Night: 47%

VITAL SIGNS
- Day: 25%
- Evening: 33%
- Night: 42%

TECHNICAL
- Day: 25%
- Evening: 33%
- Night: 42%

Better together.

Leveraging over 65 years of experience and knowledge, we conceive and implement creative solutions that address our customers' concerns, both today and in the future.

Our team of Clinical Consultants is ready to assist you with your alarm management strategy and best practices models. To meet this goal, our specialized team will focus on a number of key factors and will work with your organization to:

- Complete baseline alarm assessment
- Analyze data for high frequency alarms that could be reduced
- Perform patient touch point assessment
- Review alarm settings for goal-based prioritization
- Collaborate on data guided changes to reduce alarms and retain clinically targeted settings
- Reassess and evaluate effectiveness of changes toward transformative care and individualized patient safety management

Alarm management
best practices

It's rewarding.

Meaningful alarm management gives you the time to do what matters most, provide timely response to actionable alarms and the time for patient care management that makes a difference. After all, isn't this why you are in healthcare—to help people and to make a difference in their lives.

Different Thinking for Better Healthcare.™

Let us help you make AlarmSense.
The first step is to become Aware.