

Smart Device Connectivity and Patient Risk Surveillance: Quick Pitch

Script - Quick Pitch

WHY: Why is this problem important, why should the audience care?

- Across Med/Surg environments:
 - Increased patient acuity and complexities
 - High nurse to patient ratios, suboptimal
 - Disparate clinical systems and technologies
- Alarm fatigue, potential miss patient alerts/ notifications
- Early detection of deterioration is a top patient safety concern, affect ~ 17% of hospital admissions
- Respiratory Rate and heart rate are the most predictive variables of deterioration
- Gaps can negatively affect Early Warning Scores
- Respiratory Rate and heart rate are the most predictive variables of deterioration.
- Facts:
 - Early detection of deterioration is a top patient safety concern and may affect up to 17% of hospital admissions.
 - Early detection and clinical intervention results in reducing Medical Response Team Activations (67%), Code Blue Activations (50%), ICU Transfers (40%), Mortality following Code Blue (83%).
 - A significant # of critical events are preceded by warning signs 6-8 hours prior to the event.

What: What should be done to address these problems?

- Earlier identification of patient deterioration and communicate actionable insight
- Accelerate care team intervention and collaboration
- Deploy Med-Surg beds that continuously monitor patients heart rate and respiratory rate and connect to facility IT eco-system
- Provide patient information including patient risk scores, alerts, and vitals to accelerate care team intervention and collaboration

How: How will we accomplish these objectives?

- Hillrom's Smart Device Connectivity and Patient Risk Surveillance.
- Solution combines wireless Centrella beds with contact free, continuous monitoring (CFCM), analytics and connectivity to hospitals IT eco-system.
- This comprehensive solution:
 - **Collects** real-time patient data
 - **Identifies** patients at risk for deterioration
 - **Communicates** actionable insights to caregivers
- Provides actionable insights to caregivers to enable earlier detection and patient intervention.

If: If we successfully executed what do we hope to achieve?

- Transform clinical care from reactionary to proactive.
- Provide data driven decisions for patient care.
- Transmit patient bedside monitoring data into the clinician's pocket to accelerate communication, collaboration and decision making.
- Faster patient response times and earlier patient intervention.
- Improve clinical and patient outcomes:
 - Decrease time to intervention
 - Decrease Code Blues
 - Decrease patient LOS
 - Decrease ICU Admissions/readmissions
 - Improve staff satisfaction