CalmWave™
Transparent AI for Healthcare

Providing Data-Informed, Highly Explainable & Actionable Insights for Critical Care

The Problem

Over-Alarming

400
Alarms Per Patient Per Day
Average alarms per patient, per day but can be as high as 771 in some ICUs

80-90%
Non-Actionable Alarms
80-99% of alarms are non-actionable and require no clinical interventions

35%
Nurse-Time Impacted
Nurse shift time spent responding to alarms, which interrupts patient care

81%
Alarm Fatigue
Nurses reporting fatigue due to excess alarms, contributing to cognitive overload and burnout

Alarm-Fatigue & Burnout



27%
2023 Nurse Attrition

60%
Nurses Reporting Burnout

$5-9M
Average Annual Losses

*Due to nurse turnover in an average 300 bed hospital

Our Approach to Transparent AI

Explainable. Evidence-Based. Verifiable. Human-in-the-Loop.

CalmWave Utilizes data science to objectively improve nurse retention and patient outcomes, starting with intelligent bedside monitor alarm management. The platform ingests vital signs, medical interventions and other medical data for its insights. Our Transparent AI approach provides solutions that reduce non-actionable alarms, track patient acuity, and measure clinician workload.

Our Solutions

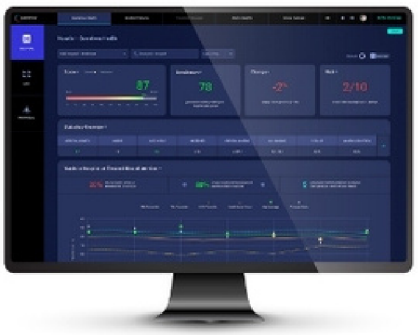
Alarm Insights

Customized unit & patient-specific analysis and recommendations

Incident Patterns

Intelligent grouping of signals and alarms into incidents

Operations Health™



Objective measure of operational efficiency & RN workload with actionable recommendations

The Results

2.5 mins
Making CalmWave Alarm Adjustments
Average total time per nurse per shift spent making CalmWave Alarm Limit (CWO) changes.

+2.5 hrs
Time Savings & Reallocation
Valuable nurse time recovered due to 50-80% reduction in non-actionable alarms