

VITALS

Contact-free Continuous Monitoring Solution

VITALERTER™ VITALS is a mobile, contact-free, continuous monitoring bio-sensor that alerts care homes staff when the resident requires assistance.

Regulatory Notice: This device is not registered with the Therapeutic Goods Administration (TGA) in Australia or with Medsafe in New Zealand as a medical device.

It is not intended for diagnostic or therapeutic purposes and must not be used as the sole basis for clinical decision-making. The device is designed only to support healthcare professionals in identifying potential risk indicators to inform further assessment.



The bio-sensor is wirelessly connected to the VITALERTER™ ICMS (Integrated Care Management System).

The system enables incident prediction algorithms, management interfaces, mobile app, reports and integration with EHR.

The sensor can be connected to your nurse-call infrastructure and will activate alarms in the same way as your existing call buttons.



The mobile bio-sensor is simply placed under the bed or wheel chair with no loss of comfort. It continuously monitors heart-rate, respiration rate, body motion and heart functions.

The system alerts when high risk residents attempt to leave the bed/chair to prevent falls. It helps staff follow turn protocols to prevent pressure ulcers. It provides warnings in situations of irregular breathing, heart rate incidents, epilepsy seizures and sleeping disorders.



Fall Prevention

The bio-sensor alerts when high risk residents attempts to leave the bed/chair. The system only activates when there is a momentous body movement, therefore minimizing false alarms and providing early warnings.



Pressure Ulcers Prevention

The bio-sensor tracks bed-time and turn movements to identify patients at high risk for developing pressure ulcers. The system provides real-time turn reminders and reports.



Irregular Breathing Alerts

The bio-sensor continuously monitors respiration rate and alerts in situations of acute irregular breathing such as in asthma or panic attacks or as soon as someone stops breathing.



Heart-Rate Incident Alerts

The bio-sensor monitors heart-rate and HRV in real-time and alerts in situations of acute changes in heart rate such as in diabetic neuropathy and cardiac failures.



Sleeping Disorders Alerts

The sensor tracks movement, breathing and heart-rate during sleep and alerts in situations of acute disorders common in sleep apnea and due to emotional or physical discomfort.



Epilepsy Seizures Alerts

The bio-sensor tracks Tachycardia, Bradycardia, low HRV and fast movement that are common in the development of Epilepsy seizures.