

PRIME

Wireless patient monitoring system

Portable

Efficient

Accurate

Versatile

rinicare
smart healthcare



The Ideal Solution for Vital Sign Monitoring



PORTABLE

PRIME's remote capabilities, including its completely wireless functionality and long battery life, allow it to be used in multiple scenarios.

PRIME contains a range of the latest Bluetooth devices including a gold-standard 12-lead wireless ECG. Whilst maintaining all the functionality of a much larger ECG machine, PRIME's version is more compact and user friendly. PRIME allows the user complete flexibility to monitor and record ECG traces in any environment.



EFFICIENT

Working in just a few clicks, PRIME is an efficient method of visualising, monitoring, and recording patient data - saving the user valuable time. A simple login procedure and streamlined interface support an expedited process of acquiring relevant data.

This enables the user to utilise PRIME in time-critical situations where efficiency is of paramount importance. Once the data has been compiled, the e-form can be instantly transmitted anywhere in the world for further analysis increasing the range of possible care and assessment.



ACCURATE

By collecting raw data, and asking for minimal input from the user, PRIME also reduces the risk of erroneous record keeping. The PRIME software instantly mirrors the readings from the state-of-the-art sensors ensuring that no human calculations are required.

This widens the scope of potential users to include those that are not clinically trained. Accurate reports can then be transmitted over 3G/4G or WiFi for further assessment if necessary.



VERSATILE

PRIME can be used in a variety of situations such as emergency response, regular health check-ups, research data collection, and much more. Vital sign monitoring is important for a wide variety of purposes, and it is an essential part of modern healthcare.

Whether the user is in a medical laboratory, a health clinic, in the community, or in an isolated location, PRIME is the perfect solution.

What is PRIME?

PRIME's wireless suite of sensors includes an SpO₂ pulse oximeter, stethoscope, thermometer, blood pressure cuff and a 12-lead ECG - All contained in a foam-lined, lightweight protective case. This state-of-the-art ensemble allows clinicians to access a complete range of vital sign data.

PRIME's software is capable of running on any Windows device. Here the data captured in real-time by the wireless sensors is visualised, recorded, and stored. There is both session and patient management options available for users to have full control over how the data is logged.

PRIME produces an individual session report based off the information recorded and this can be exported to an external database or server. This is ideal for both paperless record-keeping and ease of communication with clinicians.



Why PRIME?

Simple user-interface
Clear reporting
Easily navigable menus

**SIMPLE &
easy to
understand**

Low cost solution
Modular
Expandable

**COST
effective**

**FAST to
set-up**

Simple login to system
Ready to use
No I.T. expertise needed

PRIME

Paperless approach
Streamlines processes
Reduces unnecessary admin

**REDUCES
workload
&
paperwork**

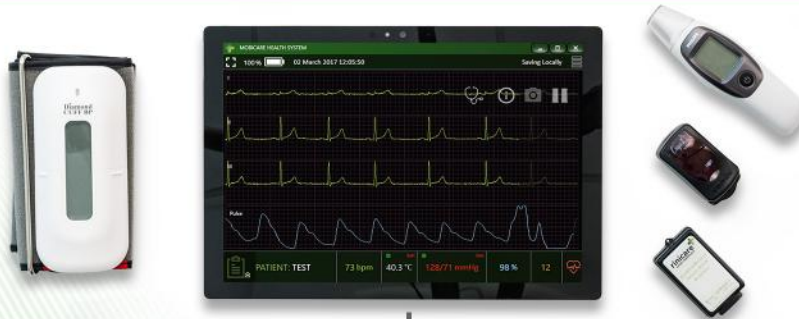
**ACCURATE
data
recording**

Gold standard devices
Instant visualisation
Error free reporting

**Fully licensed
& SAFE**

CE marked
Globally accepted devices
No training needed

Anytime. Anywhere. Anyone.



PRE-HOSPITAL CARE

Used in the community, PRIME can help keep patients out of hospital. This can be providing regular, comprehensive vital sign data as a precaution for the vulnerable and elderly, or it could be sending a specific report to a clinician to analyse and diagnose.

POST-HOSPITAL CARE

PRIME allows patients to return home sooner as clinicians and care workers can monitor a patient's vital signs at regular, pre-agreed intervals. This means the scope of care can extend outside the in-patient wards and into the community resulting in less bed-blocking and quicker discharges.

FIRST RESPONDERS

PRIME is a lightweight and efficient system that is ideal for first responders. PRIME weighs only 3kg and it can easily be transported and carried to any location. Also, with its streamlined interface, PRIME can begin recording vital sign data in seconds.

MEDICAL RESEARCH

PRIME can compile millions of patients data points into any user-requested format. Medical research no longer needs to be long-winded and tedious as PRIME speeds up both the acquisition and handling of vital sign data.

PRIMARY CARE TOOL

With the combination of state-of-the-art sensors and a simple but informative e-form, PRIME is the perfect companion to any primary care provider. PRIME makes basic health check-ups simpler, quicker, and more accurate than ever before meaning great quality of care in the community.

Efficient and Effective Vital Sign Monitoring

PRIME includes:

- + PRIME software
- + Windows tablet (optional)
- + Blood pressure cuff
- + Thermometer
- + 12-lead ECG
- + Pulse oximeter
- + Stethoscope
- + Rinicare carry case



Rinicare's Mission Statement

"To become the leading provider of state-of-the-art technological solutions for healthcare applications, enabling our customers to benefit from advanced remote healthcare solutions and patients to enjoy an improved quality of life."

Who we are

Rinicare Ltd is a UK based SME that brings state-of-the-art technological solutions for healthcare applications. Research solutions provided by Rinicare utilise the latest information and communications technologies and provide a solid foundation for enhancing its users' quality of life. Ultimately, Rinicare's goal is to design innovative, hospital grade medically certified technologies aimed at both improving patient outcomes and alleviating pressure on healthcare budgets.

Healthcare systems

Healthcare providers around the world face the challenge of maintaining sustainable healthcare systems in light of an ageing population and continuously increasing costs. Rinicare's approach to addressing these challenges is based on a collaborative effort with end users, including University Hospital of South Manchester to design advanced wireless communications, innovative prediction algorithms and enhanced software technology solutions.

Our partners

Through our technology partnership with Rinicom Ltd., Rinicare Ltd benefits from ground-breaking technologies for professional security applications, which contribute to the reinforcement of Rinicare's integrated solutions.



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