



Clinical grade

Biosensor

Wearable - Disposable - FDA/CE Approved

Centralized, Collaborative, Convenient

A multi parameter clinical-grade biosensor for in-hospital and remote care applications. It has a cloud based platform for collaboration among health care professionals with feature like centralized and remote monitoring. Wireless and disposable design of this product makes it convenient to wear with mobility and to minimize infection risks.

Manufactured by **Life Signals Inc. (USA)**

LIFESIGNALS TECHNOLOGY

WIRELESS

A single-use clinical-grade, wireless multi-parameter biosensor patch.

CLOUD BASED

A biosensor for everyone from anywhere.

SCALABLE

High volume production underway, ready for mass distribution within weeks.

RELIABLE

ISO 13485 accredited. Biosensors used by more than 40,000 people.

BENEFITS

HOSPITAL MANAGEMENT

- Low infrastructure cost and NO maintenance required.
- No external medical device required.
- ICUs and wards will be completely wireless.
- Early discharge from ICU and still can be continuously monitored.
- Faster turnaround of hospital beds.
- Remote patient monitoring in real time.
- Easier to mobilise.
- Data storage, retrieval, printing and integration with hospital system is easy.
- Scalable solution.
- Quick and easy deployment and activation time.
- A holistic approach by the team of doctors, nurses and medical team.
- Healthcare staff can manage and monitor large number of patients effectively
- Biodegradable

BENEFITS

PATIENTS

- Patients will feel more comfortable without wires & alerts (less anxiety)
- More convenient and it improves the comfort level of the patient.
- Early mobilisation in ICU.
- Suitable for isolated patients.
- Alerts and alarms only at the nursing station's screen / dashboard, therefore patients have less anxiety and panic attacks.

DOCTORS / NURSES / MEDICAL TEAM

- Able to retrieve data anywhere, anytime.
- All data is available on single screen – alerts and alarms on one screen, for multiple patients
- Aids in physiotherapy sessions and post-op recovery since it is wireless.
- More convenient for nurses to monitor from the station.
- Reduces personal contact with patients.
- Reduces cross contamination risk.
- If symptom / threshold changes, an alert is raised on the screen in the nursing station and in the mobile of the doctor or nurse or attendant for immediate intervention or treatment.
- Easier disease management monitoring.
- Easy and fast deployment of patches.
- Patient is continuously being monitored and data is stored even when the patient goes out of the network / ward / hospital during test /scan / minor procedures
- Editable settings for the parameters of alerts / alarm based on patients' clinical requirements.
- Collaborated effort / platform, even at remote setting with 24/7 monitoring.
- Sterile and hygienic placement of the biosensor.
- Better for usage in high-dependency wards or in isolated patients.

WIRELESS, WEARABLE MEDICAL BIOSENSOR

- Respiration Rate
- Skin Temperature
- Two-channel ECG
- Heart Rate
- Posture
- SpO₂ (monitored with external device)
- 5-day wear duration
- Single use, shower proof and lightweight
- Event reporting
- Trend view
- Alert settings
- Daily report generation
- Mobile alerts

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