

BIOBEAT PATCH

Smartmonitoring



features

- ✓ Disposable patch for single-use
- ✓ Long battery life (up to 10 days)
- ✓ PPG Technology
- ✓ Unique IP protected hardware and algorithms
- ✓ Local processing
- ✓ Real time measurements
- ✓ Transmission of data through Wi-Fi, BT, RF, Cell

- ✓ 24/7 Monitoring
Biobeat introduces a new concept of continuous vital-signs measurements ANYWHERE and ANYTIME. Biobeat's wearable automatically uploads monitoring data to a smartphone based app and to the cloud, where it can be monitored remotely. Caretakers may intervene as signs raise alert and user may receive alerts directly from the app. This provides caretakers with an important tool to assist in disease management and to optimize clinical outcomes.

- ✓ Data history
Biobeat's solution collects your data in real time, all the time, and saves it in Biobeat's cloud based data-center. Biobeat keeps your information and presents you the data graphically in an easily comprehensible manner.

overview

The Biobeat patch accurately measures parameters while in motion, with the added value of being comfortable and non-restrictive, and a user-friendly application in which all data is gathered.

Biobeat's system facilitates remote monitoring of patients with a variety of medical issues. Ultimately, Biobeat's solution allows patients to be treated at the comfort of their homes, rather than in the hospital. Biobeat's solution allows for monitoring of stationary patients, but also patient who are up and about including during outdoor activities.

techspecs

Respiratory Rate

0 to 40 Respirations per minute ± 2

Saturation

40 to 100% $\pm 2\%$

Heart Rate

35 to 250 BPM $\pm 3\%$

Heart Rate Variability

0.15-0.4 Hz

Blood Pressure

Sys: 60 to 300; Dias: 40 to 150 mmHg

Cardiac Output

15-13 L/min $\pm 10\%$

Skin temperature

20 - 45 °C

Power requirements

3.3 Volt

Weight

100.0 gram / 3.3 oz

