

Introducing CRG's eHealth Monitoring Garment

Workers in arduous field conditions, such as chemical disposal groups, or soldiers in theatre or training missions, often endure occupational heat stress. Vital signs via physiological monitoring offer actionable insights into a patient's wellbeing, thus enabling proactive intervention as needed. Provides a non-intrusive solution worn under protective clothing for vitals monitoring. The eHealth Garment utilizes a comfortable garment structure to keep low-profile, conformal sensor electronics in place, eliminating bulky modules without compromising accuracy.

eHealth monitors real-time vitals for patients with the following features:



Comfortable Shirt

Garment design limits sensor movement without compromising comfort



Flexible Circuitry

Flexible circuitry allows the hardware to more easily conform to the patient's body contours



Wireless Communication

Data collection for ECG, heart rate, breathing rate, temperature, and accelerometry for body position/motion



Remote Monitoring

Demonstrated user app for remote monitoring with an Android-base mobile device



Removeable Sensor

Buttonholes integrated into the garment and sensor make for easy removal and cleaning processes



Water Resistant

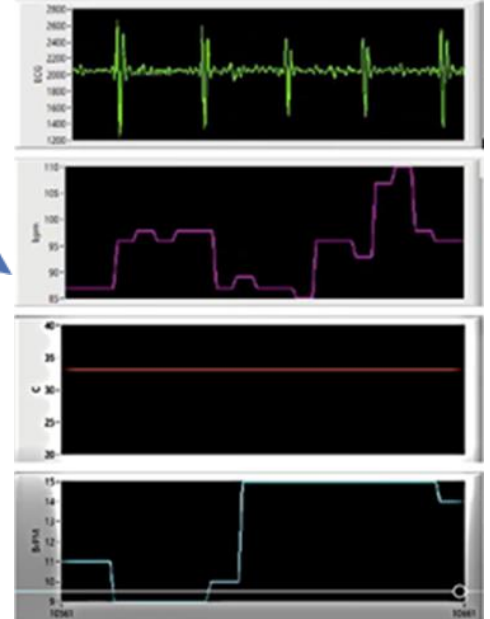
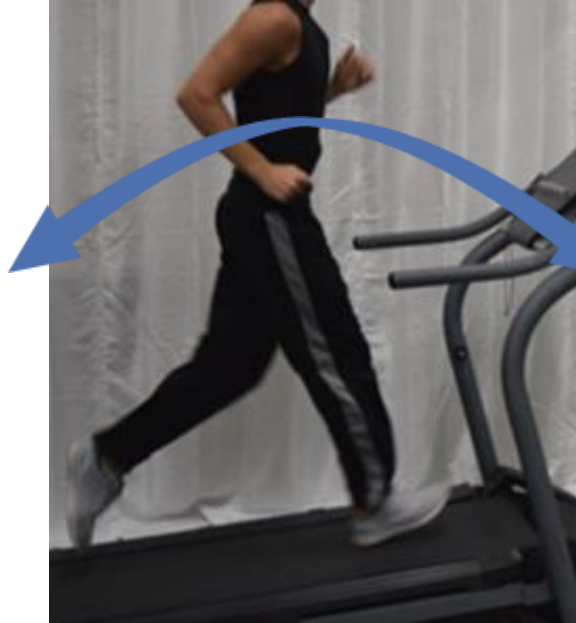
Encapsulation and garment designed to protect sensor hardware from fluid exposure

Distribution A: Approved for public release

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Monitor Real-Time Vitals with a Garment

via an encapsulated, low-profile, flexible circuit sensor



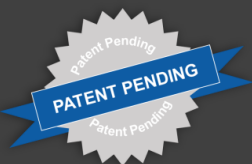
eHealth Physiological Monitoring Garment Status:

Technology Readiness Level: 1 2 3 4 5 6 7 8 9

Manufacturing Readiness Level: 1 2 3 4 5 6 7 8 9 10

Human Subjects Testing: Protocol testing for validation

Sanitation: Launderable with standard industry fabrication and cleaning processes



Interested in learning more about CRG's technology?
Contact us at sales@crgrp.com



www.crgrp.com

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