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## Heart Rhythm 2014: ZOLL Showcase to Include LifeVest Wearable Defibrillator



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ZOLL Medical Corporation, a manufacturer of medical devices and related software solutions, announced that it will display its portfolio of clinical resuscitation products including the LifeVest Wearable Defibrillator, along with sudden cardiac death (SCD) education and screening tools, at Heart Rhythm 2014, the Heart Rhythm Society's 35th Annual Scientific Sessions, May 7-10 at the Moscone Center in San Francisco.

The LifeVest protects patients at risk for SCD. It is used to protect a wide range of patient conditions or situations, including those who have experienced a recent myocardial infarction, or following coronary revascularisation. One-in-five post-acute myocardial infarction (AMI) patients have been shown to be at high risk of dying after percutaneous coronary intervention (PCI).

The majority of mortality in AMI patients post-PCI occurs in the first three months—one out of every 10 high-risk patients dies, with about 60% of this mortality due to SCD. The LifeVest gives physicians time to optimise medical therapy and assess a patient's long-term risk for sudden death.

The LifeVest is lightweight and easy to wear, allowing patients to return to their activities of daily living, while having the peace of mind that they are protected from SCD. The LifeVest continuously monitors the patient's heart and, if a life-threatening heart rhythm is detected, the device delivers a treatment shock to restore normal heart rhythm.

The LifeVest is covered by most health plans in the United States, including commercial, state, and federal plans.

Additional products on display from ZOLL include:

- The AutoPulse Non-Invasive Support Pump is an automated, portable chest compression device. It is the only mechanical CPR system to have shown improved human survival in comparative clinical trials. The AutoPulse more than tripled survival compared to typical CPR during witnessed shockable arrests.
- The R Series Code-Ready Defibrillators are designed to extend "Simple, Smart and Ready" defibrillation to every hospital department through advanced, cost-effective solutions for resuscitation. The original R Series ALS, and the R Series Plus, which has both AED and ALS capabilities at the touch of a button, offer See-Thru CPR, a proprietary technology that minimizes the duration of pauses in CPR to enable rescuers to see the underlying rhythm. Like all ZOLL defibrillators, the R Series also features Real CPR Help audio and visual feedback for the correct depth and rate of chest compressions
- Intravascular Temperature Management (IVTM) technology offers health care providers the power and control they need to rapidly, safely, and effectively manage the core body temperature of critically ill or surgical patients. The Thermogard XP delivers accurate, easy-to-use and cost-effective control for both cooling and warming applications.

[Source: ZOLL Medical Corporation](#)

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