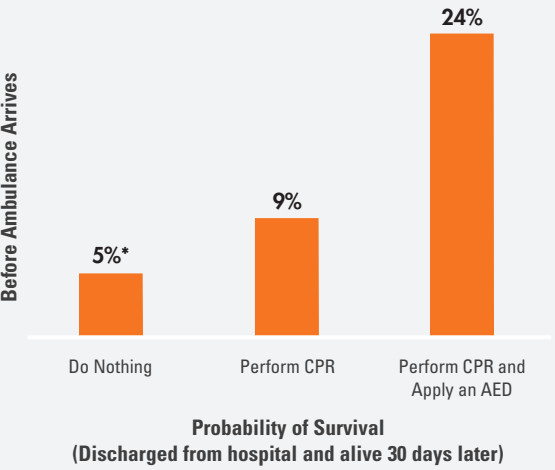




# THE CASE FOR AEDS

## Survival increases with early intervention

Research shows that the probability of survival increases dramatically when CPR is performed and when an AED is applied before an ambulance arrives.<sup>1</sup>



\*US only

## Where is the AED?

Too often, the answer is, “We don’t have one.” Sadly, the same research that demonstrated a nearly fivefold increase in survivability (from 5% to 24%) when an AED is used, also showed that an AED is available only 2% of the time.

# POWERHEART® G5

### Intellisense™

#### Defibrillation Pads

Non-polarized pads can be placed in either location on the chest for simple, fast placement.

### RescueCoach®

User-paced voice and text prompts guide rescuers through each critical step of the rescue, including CPR instruction.

### USB Data Download

90 minutes of rescue data available via USB download.

### Dual Language

Change from primary to secondary language with the push of a button, without delaying or interrupting the rescue.



### Automatic Self-Testing

Conducts regular, automatic self-tests on pads, battery and internal circuitry to ensure your AED is always Rescue Ready®.

### Intellisense™ CPR Feedback

Real-time voice and text corrective prompts for CPR quality.

Whether you are an experienced rescuer or a firsttime responder, you will appreciate how the Powerheart G5 AED combines ease of use, reliability, and advanced technologies to help victims survive sudden cardiac arrest.

The Powerheart G5 AED with Intellisense CPR provides real-time, Guideline-driven feedback to ensure delivery of high-quality compressions. One-button dualLanguage functionality and comprehensive self-tests give rescuers the confidence to act.

<sup>1</sup> Weisfeldt ML, et al. *J Am Coll Cardiol*. 2010;55(16):1713–20.

<sup>2</sup> <https://www.cdc.gov/mmwr/preview/mmwrhtml/ss0008a1.htm>

<sup>3</sup> Hazinski, Mary Fran et al. “Part 1: Executive Summary: 2015 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations.” *Circulation* Vol. 132,16 Suppl 1 (2015): S2-39. doi:10.1161/CIR.0000000000000270

<sup>4</sup> McNally B, Robb R, Mehta M, Vellano K, Valderrama AL, Yoon PW, Sasson C, Crouch A, Perez AB, Merritt R, Kellermann A; Centers for Disease Control and Prevention. Out-of-hospital cardiac arrest surveillance – Cardiac Arrest Registry to Enhance Survival (CARES), United States, October 1, 2005–December 31, 2010. *MMWR Surveill Summ*. 2011 Jul 29;60(8):1-19. PMID: 21796098.

<sup>5</sup> *Annals Emergency Medicine*; Analysis of Automated External Defibrillator Device Failures, Reported to the Food and Drug Administration, Volume 59, No. 2, February 2012

## ZOLL MEDICAL CORPORATION

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# ZOLL®

# POWERHEART® G5

# ZOLL®



# DESIGNED FOR UNEXPECTED HEROES™

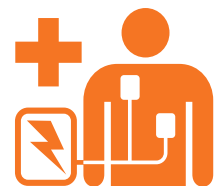
When someone is the victim of sudden cardiac arrest, their survival depends on high-quality CPR and a rescuer with an AED.

**When there’s a call for help, will you be ready?**



# ARE YOU PREPARED TO HELP IN A HEARTBEAT?

It happens in a split second: A person collapses – the victim of sudden cardiac arrest – and the clock starts ticking. You call for help and medical personnel are on their way. But precious seconds are racing by. The victim's best chance for survival depends on immediate CPR and a rescuer with an automated external defibrillator (AED).



Patients who receive bystander CPR had a **significantly higher rate of overall survival** than those who did not.<sup>2</sup>

## THE POWER TO HELP

The latest guidelines from resuscitation councils worldwide are clear: Successful defibrillation must be supported by high-quality CPR.

The AED's first heart analysis is critical. If it calls for no shock, only high-quality CPR can lead to a shockable rhythm on the next heart analysis. High-quality CPR provides a struggling heart with oxygenated blood needed to help restore a normal rhythm.

“

**Results from systematic reviews propose the use of real-time audiovisual feedback and prompt devices during CPR in clinical practice as part of a comprehensive system of care for patients in cardiac arrest.**<sup>3</sup>

”

## DESIGNED FOR UNEXPECTED HEROES™

The survival rate in the United States from an out-of-hospital sudden cardiac arrest is less than 10%.<sup>4</sup>

The Powerheart® G5 AED is the only AED to combine real-time CPR feedback with dual-language functionality and user-paced rescue prompting.

It also performs daily self-testing to ensure the device is always Rescue Ready®.



“

***“I was not expecting the AED to walk me through doing compressions. I was sure thankful for that ‘press, press, press’.”***

Mark Tucker, Rescuer  
CM Tucker Lumber in Pageland, SC

”



### Real-Time CPR Feedback

The Powerheart G5 AED uses Intellisense CPR (ICPR) technology to monitor CPR chest compressions, providing rescuers with distinct corrective voice and text prompts: Press Slower, Press Faster, Press Softer, and Press Harder and Fully Release.



### User-Paced Rescue Prompts

RescueCoach® prompts guide users step-by-step through the rescue process. The AED recognizes actions taken and ensures that the rescuer completes every critical task before moving on to the next.



### Rescue Ready®

The Powerheart G5 AED performs comprehensive self-testing to ensure it is ready to rescue. Studies have shown that approximately 46% of AED failures are due to pad, pad connector, or battery power problems.<sup>5</sup> The Powerheart AED self-tests detect and help prevent these issues.



### Dual-Language Capabilities

With a touch of a button, CPR Instruction, ICPR corrections, and AED prompts can quickly switch from the primary language to a pre-programmed alternate language without delaying the rescue.

