

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).



CPR plus early defibrillation can **more than double the rate of survival** from out-of-hospital cardiac arrest.²

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.

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“...monitoring of CPR quality is arguably one of the most significant advances in resuscitation practice in the past 20 years and should be incorporated into every resuscitation and every professional rescuer program.”

- CPR Quality Consensus Statement³

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The survival rate from sudden cardiac arrest (SCA) is less than 6% worldwide.⁴ According to the European Resuscitation Council (ERC), high-quality CPR, along with early defibrillation, can help improve SCA survival rates.⁵

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



“

I was not expecting the AED to walk me through doing compressions. I was sure thankful for that.

Mark Tucker, Workplace Rescuer

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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.



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.⁶ The Powerheart AED self-tests detect and help prevent these issues.



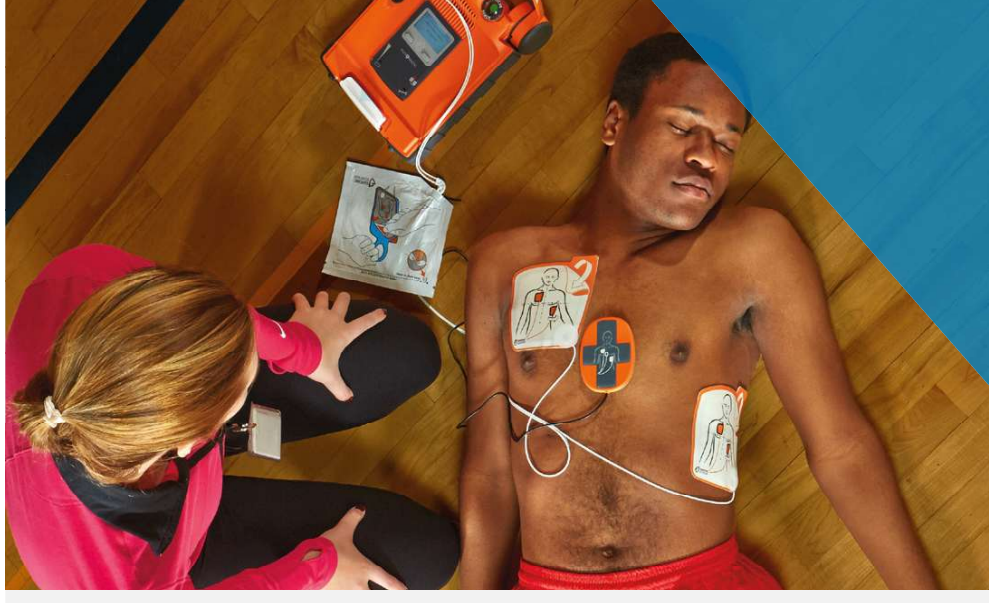
User-Paced Rescue Prompts

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



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.

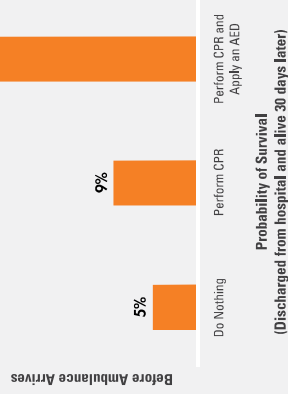




THE CASE FOR AEDS

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.¹



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

Automatic Self-Testing

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

RescueCoach®

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

Intellisense™ CPR Feedback

Realtime voice and text corrective prompts for CPR quality.

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.

Whether you are an experienced rescuer or a first-time 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 dual language functionality and comprehensive self-tests give rescuers the confidence to act.

ZOLL MEDICAL CORPORATION

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¹Waisfeldt ML, et al. J Am Coll Cardiol. 2010;55(16):173-20.

²ERC Guidelines for Resuscitation 2015. Resuscitation. 2015; 95:83.

³Ameli Emergency Medicine: Analysis of Automated External Defibrillator Device Failures. Reported to the Food and Drug Administration, Volume 35, no. 2, February 2012.

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