Health (Help) Me Up



Piraya Jaideecharoen

PP Group (PPSafety & P&P Healthy)

089-9392239

pphealthy.p@gmail.com

ID line : piglet_doctor

Dr.Piraya Jaideecharoen

Certified ACLS instructor

ศูนย์ปฏิบัติการฝึกทักษะระบบจำลอง

คณะแพทยศาสตร์ศิริราชพยาบาล มหาวิทยาลัยมหิดล

ประกาศนียบัตรฉบับนี้ให้ไว้เพื่อแสดงว่า

แพทย์หญิงภิรญา ใจดีเจริญ

ได้เข้าฝึกอบรมและทดสอบผ่านการเป็นผู้สอนการช่วยชีวิตขั้นสูง

(Instructor course of Advanced Cardiovascular Life Support)

ตามมาตรฐานการช่วยชีวิตที่กำหนดโดยคณะแพทยศาสตร์ศิริราชพยาบาล มหาวิทยาลัยมหิดล

ให้ไว้ ณ วันที่ 10 กรกฎาคม 2565 **วันหมดอายุ วันที่ 9 กรกฎาคม 2568**

(ศาสตราจารย์ แพทย์หญิงมณี รัตนไชยานนท์)

รองคณบดี และผู้อำนวยการโรงเรียนแพทย์ศิริราช

ประธานศูนย์ปฏิบัติการฝึกทักษะระบบจำลอง



AED Plus®

ZOLL®



NOT ALL AEDS ARE CREATED EQUAL

ARE YOU PREPARED TO **HELP IN A HEARTBEAT?**

It happens in a split second. A person collapses — the victim of sudden cardiac arrest (SCA) — 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 is immediate CPR and a rescuer with an automated external defibrillator (AED).

> The immediate initiation of CPR can double or quadruple survival from cardiac arrest.
>
> – 2015 ERC Guidelines[1]

Designed for Unexpected Heroes™

The latest guidelines from resuscitation councils worldwide are clear: Successful defibrillation must be supported with high-quality CPR. The AED's first heart analysis is critical. If it calls for no shock, only CPR can lead to a shockable rhythm on the next analysis. CPR provides a struggling heart with oxygenated blood needed to help restore a normal rhythm.

The ZOLL AED Plus® defibrillator will guide you through the process of performing high-quality CPR and will, if needed, deliver a potentially lifesaving shock to the heart. With a ZOLL AED Plus and quick action, you could help avert tragedy.



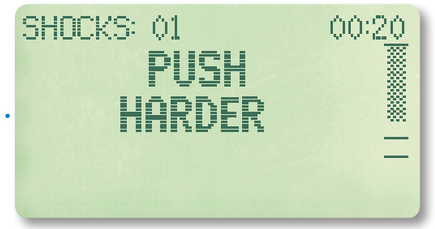
EMPOWERING RESCUERS **WITH REAL CPR HELP®**

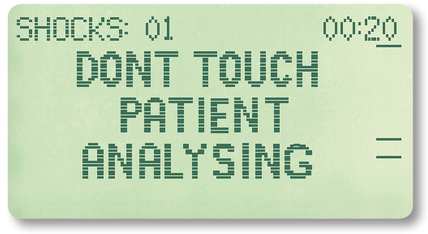
While only 50% of sudden cardiac arrest victims will initially need a shock, nearly all will require CPR to increase the flow of oxygenated blood to the heart and brain.

ZOLL's proprietary Real CPR Help® technology helps guide rescuers to perform CPR in accordance with the most recent guidelines for depth and rate of compressions. You will know when you are delivering high-quality CPR. The user-friendly and intuitive design of the ZOLL AED Plus will help give unexpected heroes the confidence and knowledge they need to treat SCA.







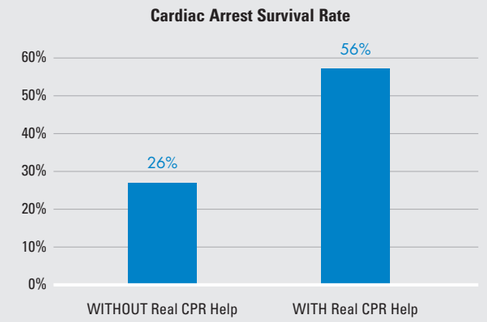


Integrated, real-time feedback provides visual and audio prompts to "Push Harder" or confirms when you are doing "Good Compressions," keeping you on track to administer potentially life-saving CPR.

Survival More than Doubled

In a large study conducted with EMS providers in Arizona, ZOLL technology and training combined to more than double survival to discharge from the hospital for patients who suffered cardiac arrest.[3] This study used professional defibrillators equipped with the same Real CPR Help technology found in the AED Plus.

Half of the victims were treated with Real CPR Help turned on while the other half were treated with this technology turned off. The study found that using Real CPR Help more than doubled survival when the individual's collapse was witnessed by someone and the irregular heart rhythm was ventricular fibrillation.







EXCEPTIONAL SUPPORT **WHEN YOU NEED IT MOST**

SMART

Rescue with confidence

In addition to step-by-step audio prompts, our proven Real CPR Help technology includes a compression depth indicator that provides real-time visual guidance to help you deliver the best possible CPR.

Simple, accurate pad placement

Speed is of the essence when treating a cardiac arrest victim. ZOLL's CPR-D-padz® electrodes feature a unique one-piece design to ensure easy and accurate placement. Electrodes come with a rescue accessory kit that includes scissors, gloves, a mask, and other items.

READY

Ready for the rescue

Industry-leading batteries and pads that last five years mean fewer replacements, less maintenance, and an AED that's ready when needed.

Smart investment

Once installed, the AED Plus has the lowest total cost of ownership compared to other AEDs. It's an invaluable investment that can help save a life.

Designed for durability

Designed to withstand harsh environments and temperature extremes, the AED Plus has an ingress protection (IP) rating of IP55, which means it is highly resistant to dust and moisture.

AED Programme Management

Maximise the benefits of your ZOLL AED

Is Your AED Ready?

Your AED needs to be ready the day you need it, not just the day you buy it. AED programme management software can help you track and document AED inspections as well as pad and battery expirations.

Are Your Trained Responders Ready?

AEDs are most effective when used by rescuers who know how to use them. Easily track and manage your trained responders and the status of their AED/CPR certifications with an AED programme management solution.

Do You Have a Plan in Place?

Having a plan for what to do before, during, and after an event pays off. A programme management system can help you document all of these steps before an emergency happens.

Maximise the Effectiveness of Your Programme

Tracking consumables' expirations, managing your responder certifications, and maintaining written response protocols are important factors in ensuring that your AED programme is effective. AED programme management keeps your AED and responders prepared.

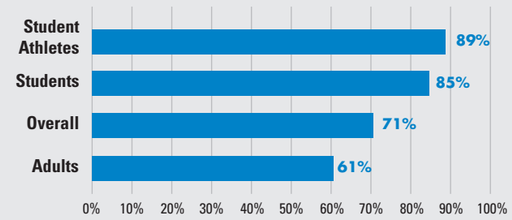
Studies have shown that well-implemented AED programmes can significantly improve survival rates.[4]

AED Programmes Pay Off

Research based on data collected from more than 2,000 U.S. secondary schools has shown that schools with AED programmes experience an overall survival rate of 71%.[4]

The authors concluded that "Secondary school AED programs demonstrate a high survival rate for students and adults who suffer sudden cardiac arrest on school campus. School-based AED programmes are strongly encouraged."

Survival Rates for 2,045 U.S. Secondary Schools over a Two-year Period







Be prepared with a ZOLL AED as your rescue partner.

Every sudden cardiac arrest victim will need high-quality CPR

- The AED Plus with Real CPR Help will give you integrated, real-time feedback to help you deliver the best possible CPR

Time is of the essence

- One-piece electrode design makes applying pads simple, fast, and accurate

Invest in the ability to help save a life

- A low total cost of ownership and batteries and pads that last five years mean you will be ready to help in a heartbeat

[1]ERC Guidelines for resuscitation 2015. *Resuscitation 2015*; 95:83
[2]AHA CPR Quality Consensus Statement. *Circulation*. 2013;128; pg. 420
[3]Bobrow BJ, et al. *Ann Emerg Med*. 2013 Jul;62(1):47–56.e1.
[4]Drezner JA, et al. *Br J Sports Med*. 2013;47:1179-1183.

ZOLL MEDICAL CORPORATION

ZOLL Medical Corporation | 269 Mill Road | Chelmsford, MA 01824, USA | +1-978-421-9655 | 800-804-4356 | www.zoll.com

Copyright © 2019 ZOLL Medical Corporation. All rights reserved. AED Plus, CPR-D-padz, Real CPR Help, and ZOLL are trademarks or registered trademarks of ZOLL Medical Corporation in the United States and/or other countries. All other trademarks are the property of their respective owners.

Printed in U.S.A.
MCN PP 1812 0361-05 ERC

For subsidiary addresses and fax numbers, as well as other global locations, please go to www.zoll.com/contacts.

ZOLL®


AED
7.AED