AED Plus®

ZOLL®



The Best Support
For Rescuers

Superior Support in a Rescue
100% of the Time



A sensor in the hand placement landmark helps you provide high-quality CPR.

CPR Saves Lives

That's why more than 30 states now require students to receive CPR training before they graduate from high school. Many of these states also require that students be trained to use an automated external defibrillator (AED).

CPR + AED = even more lives saved.

The Only AED With Real CPR Help

The AED Plus® is the only AED with Real CPR Help®, real-time CPR feedback to help rescuers save a life. Only half of all sudden cardiac arrest victims will need a shock, while 100% will need high-quality CPR. Real CPR Help guides you every step of the way, telling you—and showing you—whether you need to "Push Harder" or whether you're providing "Good Compressions."

Not all heart rhythms are "shockable," but high-quality CPR can potentially convert a nonshockable rhythm into one that is shockable. Even if this isn't possible, CPR will keep blood circulating until emergency help arrives.

If a shock is required, CPR must begin immediately after the shock is delivered. The heart struggles as it tries to restore to a normal rhythm. Without CPR, a shock alone may be ineffective. Whether the victim requires a shock—or not—the AED Plus will support you 100% of the time.

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

– American Heart Association CPR Quality Consensus Statement[1]



Cardiac arrest victims need high-quality CPR 100% of the time. ZOLL's Real CPR Help provides real-time feedback on CPR quality, which can help save a life.

The AED Plus Advantage

No other AED supports a rescuer as thoroughly as the AED Plus.

No More Guesswork

Providing CPR is stressful, even for medical professionals. Recognizing this, ZOLL introduced Real CPR Help in 2002. Since then, numerous studies have confirmed how important CPR is to survival from sudden cardiac arrest and how difficult it is to gauge whether you are doing it well.

The American Heart Association issues guidelines on how fast and deep chest compressions should be. But how do you know if you're pushing hard enough and fast enough to meet those guidelines? You shouldn't have to guess—you should know. That's why the AED Plus will tell you to "Push Harder" or reassure you with a "Good Compressions" message. And an adaptive metronome helps you meet the recommended compression rate.

When it comes to helping rescuers provide high-quality CPR, no one can offer you more than ZOLL.



User-friendly Electrodes Design

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 fast and accurate placement. These electrodes come with a rescue accessory package, which contains scissors and other items that may be required.



Low Cost of Ownership

The AED Plus can help your organization's bottom line. Once installed, the AED Plus has a low total cost of ownership, especially when considering the logistics of tracking and changing pads and batteries over the life of the AED. Thanks to the long shelf-life of the consumables, when you compare the cost of maintenance over 10 years, this is the most cost-effective AED to own. The AED Plus is powered by lithium batteries (available from retail outlets) that last five years, and the CPR-D-padz® electrodes last five years as well if they are not used.

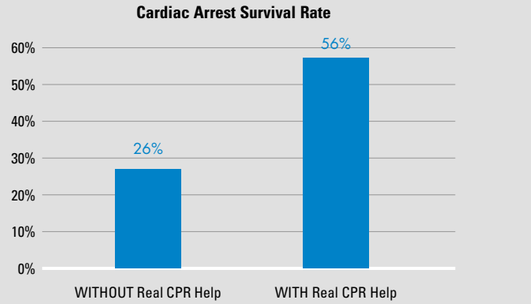
Fully Automatic Option

The fully automatic AED Plus is designed to make using an AED as simple as possible for a lay rescuer. If it detects a shockable heart rhythm, after a brief countdown, the AED Plus will deliver the shock automatically—no need for the rescuer to push the Shock button.

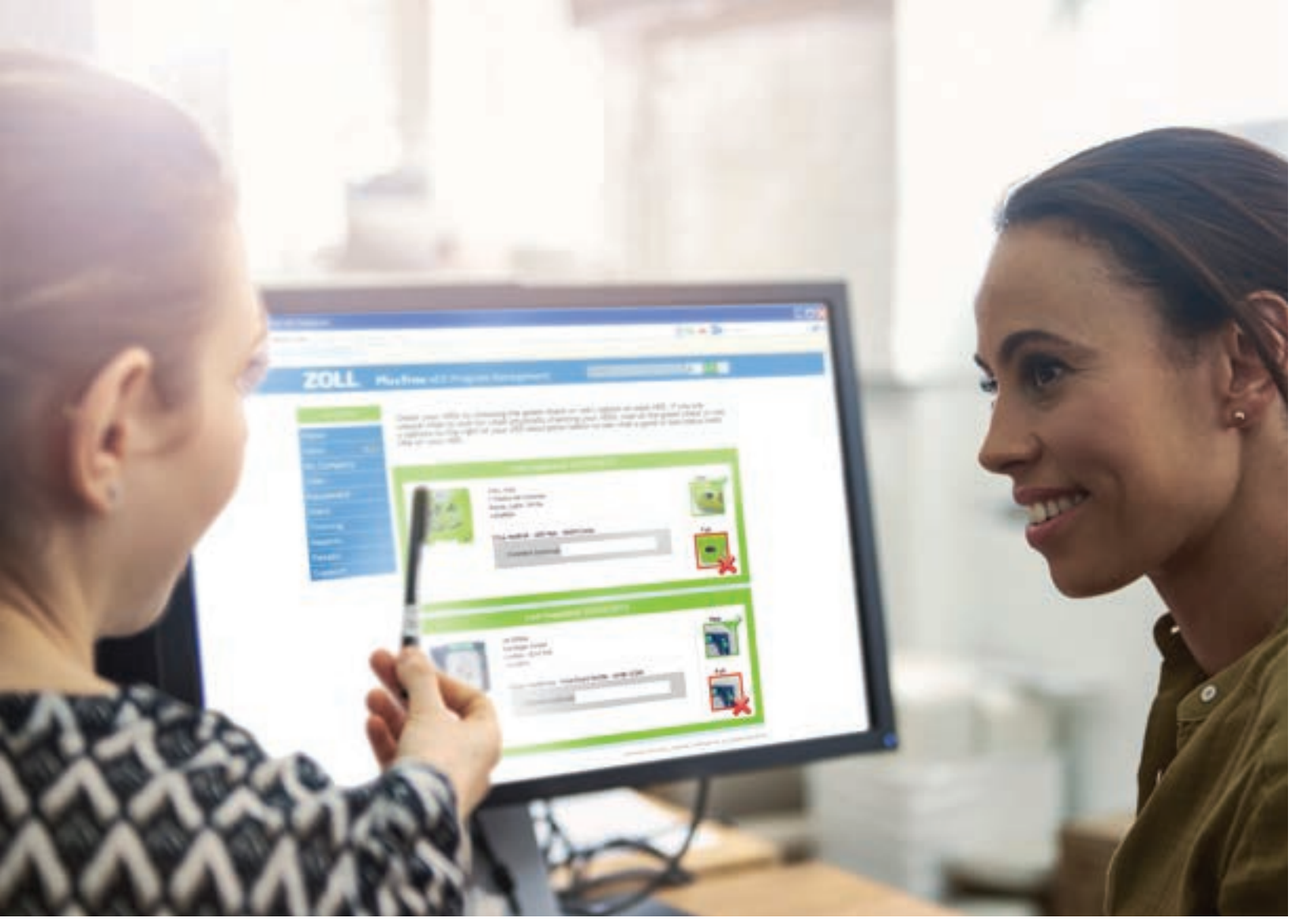
Survival More than Doubled

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.[2] 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.







There's an App for That

PlusTrac makes inspecting your AED regularly quick and simple. Download the CheckAED™ App from PlusTrac to your smartphone or tablet after registering your AED. Then, when it's time to inspect your AED, simply inspect its status indicator and log the AED's readiness status in PlusTrac. You're done. If anything needs correction or replacement, the person who's managing your AED program will know right away.

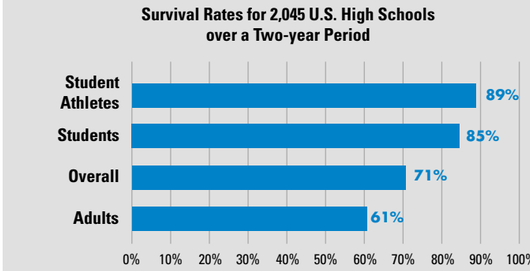
Even if you have a "mixed" population of AEDs from several different manufacturers, PlusTrac can manage them all.

PlusTrac: just one more way that ZOLL provides unmatched support to save more lives.

AED Programs Pay Off

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

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



PlusTrac—Your Guarantee

ZOLL's PlusTrac™ is a simple, yet comprehensive program management solution that requires a minimal time commitment and is designed to ensure that your AED will be ready if it's ever needed. Studies have shown that having an AED program can potentially increase survival rates to 70% or more.[3]

All too often, AEDs are purchased with the best of intentions but are not regularly inspected. And volunteer rescuers typically receive CPR and AED training only once. Responders need refresher training every two years. AED programs are the most effective when there is a process that helps ensure both AED and responder readiness. For both inspection and training purposes, a product like PlusTrac could be your solution.

Lives are not saved by AEDs alone. When cardiac arrest strikes, lives are saved by being prepared and using an AED that is maintained and fully operational—which means having a working battery and electrodes that have not expired.

It's ALL Online

PlusTrac is an online system that you can access via an Internet connection and a web browser. It provides everything needed to manage one AED or 100, including reminders when volunteer responders are due for retraining.







The AED Plus from ZOLL. No AED or manufacturer can offer you more.

- The only AED with Real CPR Help
  – because every sudden cardiac arrest victim will need high-quality CPR
- A one-piece electrode pad
  – to make applying the pads as simple as possible for the rescuer
- A low total cost of ownership
  – there's nothing to buy or replace for 5 years, as long as the device is not used

[1]Bobrow BJ, et al. *Ann Emerg Med.* 2013 Jul;62(1):47–56.e1.
[2]Drezner JA, et al. *Br J Sports Med.* 2013;47:1179-1183.
[3]Meaney PA, et al. *Circulation.* 2013;128(4):417–435.

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