

AED+PLUS

The First AED to Provide
a Complete Look at
Resuscitation



ZOLL

It's about time.

AED+PLUS

ZOLL DEFIBRILLATION: Superior Performance and Ease-of-use

The ZOLL AED Plus combines superior biphasic defibrillation with fast and simplified electrode placement.

ZOLL's Rectilinear Biphasic™ Waveform

Only the ZOLL Rectilinear Biphasic waveform has proven its clinical superiority for defibrillating VF in high-impedance patients.^{1*} It also reduces exposure to high peak current and keeps an optimal waveform shape over a wide range of patient variability—enhancing efficacy while reducing the risks of inappropriate currents.

One Electrode Pad Is Better Than Two

Ordinary AEDs require the correct placement of two electrodes. The AED Plus features CPR-D padz™, a one-piece, preconnected electrode. Its design virtually eliminates rescuer confusion by using the simplest landmark available for CPR hand placement: the “sternum between the nipples.” The electrode comes complete with rescue essentials and tamper-evident seals, and it lasts four years—the longest shelf life of any electrode by far.



Picture the Entire Rescue in One Device

When sudden collapse occurs, successful resuscitation involves far more than pushing a button to deliver a shock. Rescuers must recall all their training to save a life. That's why rescuers want more than just a defibrillator. From ABC assessment to defibrillation and CPR, the ZOLL AED Plus is the first and only AED that guides rescuers through the entire rescue process.

A Complete Resuscitation Roadmap

A picture is worth a thousand words, so the AED Plus uses a brilliant new graphical/voice user interface to help the rescuer every step of the way. It's a confidence-building coach at a moment of critical importance, helping the rescuer do the most important things, and do them well.



Move Quickly, Step by Step

High-intensity LEDs with corresponding voice prompts lead the rescuer through the resuscitation process quickly, drawing the rescuer's attention to each graphical reminder. The AED Plus moves through ABC assessment swiftly and starts analysis the moment electrodes are applied, assuring everything is done in order and shocks are delivered rapidly.

Long-lasting Consumer Batteries for Convenience and Savings

The ZOLL AED Plus runs on inexpensive, consumer lithium batteries.



Priced to Make AEDs Accessible

The AED Plus is more advanced than and as rugged as any AED. At the same time, it features more benefits and is priced to bring early defibrillation to as many communities as possible. You'll be able to outfit an entire team for less than you would believe. Your ZOLL sales representative can give you details, but expect to be amazed.



The World's Only CPR Feedback

Defibrillation is the most critical treatment for many cardiac emergencies. But defibrillation is just one part of the whole rescue. For CPR, the AED Plus switches gears to become a CPR coach and helpful feedback tool.

An Electrode Pad with a Sensitive Side

Only the ZOLL AED Plus helps the rescuer perform CPR. A sensor on the CPR-D padz tracks the rescuer's compression depth and rate as soon as CPR begins.



Audio and Visual Coaching

The AED Plus's CPR Feedback is unique. Audio and visual cues help prevent the two most common errors of CPR: inadequate depth and inadequate rate. The AED Plus delivers voice prompts like “push harder” or “good compression” while its adaptive metronome leads the rescuer to the recommended 100 compression-per-minute rate.



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The ZOLL AED Plus

For all the features that set it apart from other AEDs, the AED Plus hasn't sacrificed any of the hallmarks of ZOLL durability, advanced technology, quality and value.

Flexibility

The AED Plus can be customized, from ECG all the way to the sequences of the user interface.

Trusted Durability

The AED Plus meets or exceeds all operating, durability, and functional standards for AEDs.

A Medical Control System Designed for Your Needs

Medical control has been designed around your hardware and software. Event data, including all machine information,

associated ECG, and audio, are downloaded via a standard IRDA port, found on most laptops and easily added to most desktops. Data is available on ZOLL Data Review or ZOLL Data Control archiving and analysis software for medical control, retrospective analysis and reports.

Self-Testing and Alarms to Assure Constant Readiness

The ZOLL AED Plus constantly monitors its condition. The status indicator shows either a green "✓" or a red "X" to indicate clearly whether the unit is ready for use. When the unit requires new batteries, it sounds an audible alarm and displays the red "X."

Everything You Need for the Rescue in One Kit

The CPR-D padz comes complete with a barrier mask, a razor, scissors, disposable gloves and a towelette.



References

1. Mittal S, Ayati S, Stein KM, Knight BP, Morady F, Schwartzman D, Cavlovich D, Platia EV, Calkins H, Tchou PJ, Miller JM, Wharton JM, Sung RJ, Slotwiner DJ, Markowitz SM, Lerman BB. Comparison of a novel rectilinear biphasic waveform with a damped sine wave monophasic waveform for transthoracic ventricular defibrillation. *Journal of the American College of Cardiology*, 1999; 35:4.

* Superior first shock efficacy (high impedance patients) at a 90% confidence level.

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