

## From discovery to recovery, no other company approaches the continuum of cardiac care the way we do.

Cardiac Science delivers diagnostic, resuscitative, rehabilitative, and informatics solutions for heart disease management. Our work saves lives every day.

### You know our products well.

**Burdick®** pioneered electrocardiography with the single channel interpretive ECG and developed the first commercial ECG that used an open communications protocol. Known for simplifying clinicians' lives, Burdick is the preferred name in ECGs, Holter monitors, and supplies in medical practices and clinics.

**Quinton®** is synonymous with cardiac stress testing, having invented the world's first mechanical treadmill for such a use. Universally renowned for reliability, accuracy, and high performance, Quinton stress, ECG, and rehab products leverage an open architecture to maximize patient throughput.

**Powerheart®** introduced the first fully automatic bedside defibrillator. Having won more than 80 patents, our engineers design automated external defibrillators (AEDs) with some of the most technologically advanced and easiest-to-use features available in AEDs today.

**HeartCentrix®** and other connectivity solutions are at the center of everything we do. Designed to integrate seamlessly with HIS, EMR, and other information systems, our solutions help streamline workflow in multiple health care environments. We have examples where this speed saved patients' lives.

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Five reasons  
to choose  
Powerheart®  
AEDs



### 1. Patented Rescue Ready® technology

Rescue Ready technology ensures anytime functionality. Every day, the Powerheart AED self checks all main components. Every day, the Powerheart AED self checks all critical components. And every month, the AED charges the high-voltage electronics to full energy. If anything is amiss, the Rescue Ready status indicator on the AED handle changes from green to red and emits an audible alert to service the unit.



### 2. Variable escalating energy

Our AED determines the electrical impedance (resistance level) of each patient and customizes the energy level delivered. If more than one shock is necessary, our proprietary STAR® biphasic software escalates the energy to deliver therapy at an appropriate, higher level.



### 3. One of the longest warranties in the industry

Each AED is under warranty for seven years – one of the longest available in the industry. We also unconditionally guarantee our Intellisense® lithium batteries for four years.



### 4. Non-polarized pads

In the chaos that follows sudden cardiac arrest, you don't want to worry about which pad goes where. Both pre-connected pads can be placed in either the upper-right or lower-left chest position.

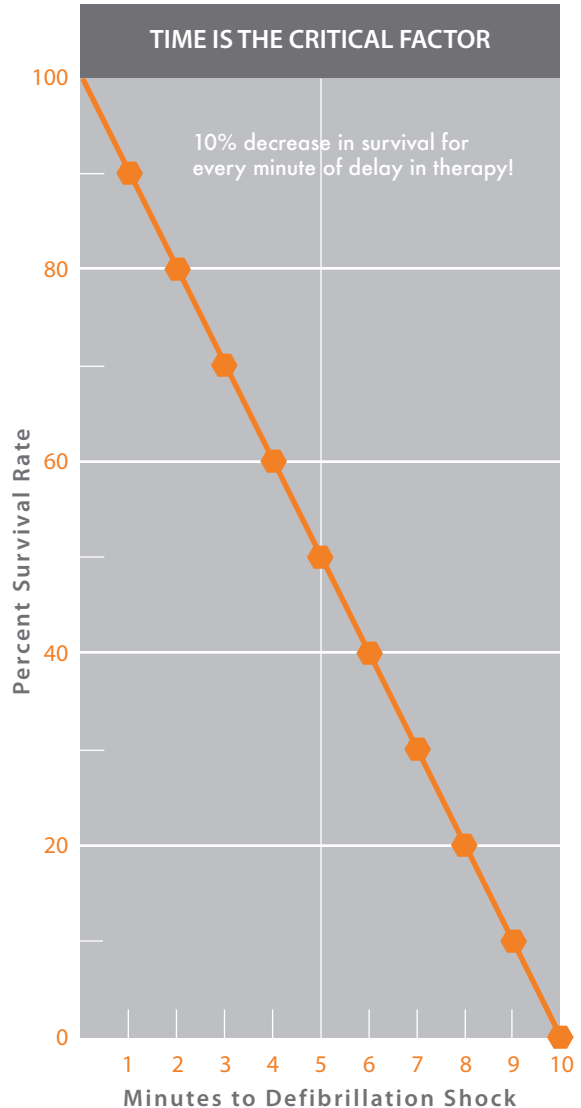
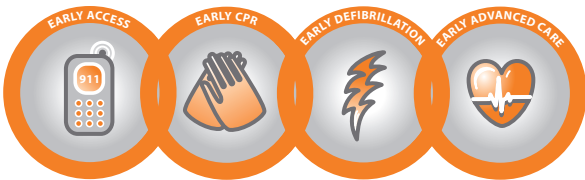


### 5. Helpful text screen

Text runs in tandem with the voice prompts. Especially useful for the audio challenged and in noisy environments, the screen also provides valuable rescue information to professional rescuers when they arrive on the scene.

# Why you need an automated external defibrillator (AED).

1. Sudden cardiac arrest kills 365,000 people a year in the US alone. That's one person every two minutes.<sup>1</sup>
2. Sudden cardiac arrest kills more people each year than breast cancer, lung cancer, and AIDS combined.<sup>2,4</sup>
3. Waiting for emergency medical responders results in a 5 – 7 percent survival rate.<sup>5</sup>
4. Defibrillators improve survival rates by up to 12 times! Studies with immediate defibrillation have shown up to 60% survival one year after sudden cardiac arrest.<sup>5</sup>
5. The AHA (The American Heart Association) recommends defibrillation for SCA victims within 3 to 5 minutes of collapse. EMS response time can average 8 to 12 minutes.
6. The AHA also recommends a specific four-step “Chain of Survival” for SCA victims, as follows:
  - a. Early 911 access
  - b. Early CPR
  - c. Early defibrillation with an AED
  - d. Early advanced life support



1. Heart Rhythm Foundation website, April 2008.  
 2. American Cancer Society. Cancer Facts and Figures 2006.  
 3. CIA World Factbook - Rank Order - HIV/AIDS - deaths.  
 4. AHA. 2006 Heart and Stroke Statistics Update.  
 5. Saving Sudden Cardiac Arrest Victims in the Workplace, Occupational Safety and Health Administration, 2003.