



On October 18th, the American Heart Association (AHA) and European Resuscitation Council (ERC) will release their 2010 Guidelines for resuscitation. These guidelines are updated once every five years, and reflect the latest scientific research on CPR and ECC (Emergency Cardiac Care). As the Guidelines may impact how an Automated External Defibrillator (AED) guides a responder, Cardiac Science is committed to providing you with the latest information regarding any changes.

### **How are these new Guidelines established?**

The American Heart Association (AHA), European Resuscitation Council (ERC), and six other international resuscitation organizations participate in the International Liaison Committee on Resuscitation (ILCOR).

ILCOR conducts a systematic review of the scientific evidence for emergency cardiac care. Through this process, ILCOR will review over 250 studies and publish specific resuscitation recommendations. The AHA and ERC may adopt these recommendations as guidelines, which may affect how responders are trained in CPR and AED use.

### **What are some of the topics that these Guidelines may address?**

Guidelines are confidential until October 18th. You may review the scientific studies that the ILCOR is reviewing, but we will not know the final recommendations until that date.

While we do not know the specific recommendations, we know that ILCOR is reviewing scientific research pertaining to the major areas of resuscitation. These include:

- Basic Life Support
- Advanced Life Support
- Pediatric Life Support
- Defibrillation

### **What does this mean to you?**

The new Guidelines can impact how anyone involved in a resuscitation or life-supporting procedure perform in these critical situations. They can also affect manufacturers like [Cardiac Science](#), who may have to make changes to how their devices perform in these situations.

**Training** - the AHA and ERC will provide training in the new Guidelines as soon as November 13th. However, it will take a number of months for these organizations to update their training materials. It will be important to update your training in order to understand the latest protocols for CPR and ECC.

**AED Equipment** - [Cardiac Science](#) has been actively monitoring the research and evaluating the potential impact to our products for many months. Once the new Guidelines are announced, we will assess them and create a plan for each product to address any changes. It may take manufacturers some time to integrate these changes into their products, and some older product platforms may not support the new Guidelines. We are committed to informing our customers what the changes will be and how our products will address them as soon as possible.

### **Key dates to monitor:**

- October 18, 2010 - 2010 Guidelines announced
- November 13, 2010 - Official 2010 AHA Guidelines for CPR & ECC Instructors Conference (Chicago, IL)
- December 2, 2010 - European Resuscitation Congress (Porto, Portugal)

Cardiac Science is committed to informing our customers what the changes may be and how our products will address any changes as soon as possible. We appreciate your support as we get prepared for these exciting developments.

Thank you,  
Your friends at [Cardiac Science](#)