

# SENATE STAFF ANALYSIS AND ECONOMIC IMPACT STATEMENT

(This document is based on the provisions contained in the legislation as of the latest date listed below.)

BILL: CS/SB 1100

SPONSOR: Health, Aging, and Long-Term Care Committee and Senator Geller

SUBJECT: Use of Automated External Defibrillators

DATE: March 5, 2004 REVISED: \_\_\_\_\_

	ANALYST	STAFF DIRECTOR	REFERENCE	ACTION
1.	<u>Harkey</u>	<u>Wilson</u>	<u>HC</u>	<u>Favorable/CS</u>
2.	<u>Wilson</u>	<u>Wilson</u>	<u>GO</u>	<u>Favorable</u>
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____
6.	_____	_____	_____	_____

## I. Summary:

This bill clarifies the legislative intent regarding the use of automated external defibrillators and provides definitions for the terms “automated external defibrillator” (AED) and “defibrillation”.

This bill amends s. 401.2915, F.S.

## II. Present Situation:

The American Heart Association (AHA) provides the following description of cardiac arrest:

“Cardiac arrest is the sudden, abrupt loss of heart function. The victim may or may not have diagnosed heart disease...Sudden death (also called sudden cardiac death) occurs within minutes after symptoms appear.”<sup>1</sup>

Time is of the essence in responding to cardiac arrest because brain death begins in just 4 to 6 minutes. Cardiac arrest can be reversed if it is treated within a few minutes with an electric shock to the heart to restore a normal heartbeat—a procedure known as *defibrillation*. According to AHA, a victim's chances of survival are reduced by 7 to 10 percent with every minute that passes without defibrillation, and few attempts at resuscitation succeed after 10 minutes have elapsed.

An automated external defibrillator (AED) is an electronic device that can shock a person’s heart back into rhythm when he or she is having a cardiac arrest. According to AHA, with early defibrillation of a person in cardiac arrest, the person’s possibility of survival jumps to more than 50 percent.

<sup>1</sup> <http://www.americanheart.org/presenter.jhtml?identifier=4481>

Section 401.2915, F.S., provides the minimum training requirements for an individual who intends to use an AED in cases of cardiac arrest, as follows:

- A person must obtain appropriate training, to include completion of a course in cardiopulmonary resuscitation or successful completion of a basic first aid course that includes cardiopulmonary resuscitation training, and demonstrated proficiency in the use of an automated external defibrillator;
- A person or entity in possession of an automated external defibrillator is encouraged to register with the local emergency medical services medical director the existence and location of the automated external defibrillator; and
- A person who uses an automated external defibrillator is required to activate the emergency medical services system as soon as possible upon use of the automated external defibrillator.

The section does not provide statutory definitions or minimum capabilities for such a device to be deemed an automated external defibrillator.

Section 768.1325, F.S., the Cardiac Arrest Survival Act, provides immunity from liability for a person who uses or attempts to use an automated external defibrillator device in a perceived medical emergency. Under s. 768.1325(2)(b), F.S., “automated external defibrillation device is defined as a defibrillator device that:

- Is commercially distributed in accordance with the Federal Food, Drug, and Cosmetic Act;
- Is capable of recognizing the presence or absence of ventricular fibrillation, and is capable of determining without intervention by the user of the device whether defibrillation should be performed; and
- Upon determining that defibrillation should be performed, is able to deliver an electrical shock to an individual.

### **III. Effect of Proposed Changes:**

This bill amends s. 401.2915, F.S., to establish the Legislature’s intent to encourage training in lifesaving first aid, set standards for the use of automated external defibrillators, and encourage their use. The term automated external defibrillator is defined as a lifesaving device that:

- Is commercially distributed as a defibrillation device in accordance with the Federal Food, Drug, and Cosmetic Act;
- Is capable of recognizing the presence or absence of ventricular fibrillation and is capable of determining, without intervention by the user of the device, if defibrillation should be performed; and
- Is capable of delivering an electrical shock to an individual, upon determining that defibrillation should be performed.

The bill defines *defibrillation* as the administration of a controlled electrical charge to the heart to restore a viable cardiac rhythm.

The bill would take effect upon becoming a law.

**IV. Constitutional Issues:****A. Municipality/County Mandates Restrictions:**

The provisions of this bill have no impact on municipalities and the counties under the requirements of Article VII, Section 18 of the Florida Constitution.

**B. Public Records/Open Meetings Issues:**

The provisions of this bill have no impact on public records or open meetings issues under the requirements of Art. I, s. 24(a) and (b) of the Florida Constitution.

**C. Trust Funds Restrictions:**

The provisions of this bill have no impact on the trust fund restrictions under the requirements of Article III, Subsection 19(f) of the Florida Constitution.

**V. Economic Impact and Fiscal Note:****A. Tax/Fee Issues:**

None.

**B. Private Sector Impact:**

None.

**C. Government Sector Impact:**

The Department of Health does not anticipate a cost for implementing this bill.

**VI. Technical Deficiencies:**

None.

**VII. Related Issues:**

None.

**VIII. Amendments:**

None.