

LAC+USC MEDICAL CENTER POLICY

Subject: Automated External Defibrillator (AED)	Original Issue Date: 9/18/08	Policy #: 915
	Supersedes: 4/20/18	Effective Date: 7/23/21
Departments/Areas Consulted: Code Blue Medical Director	Reviewed & Approved by: Attending Staff Association Executive Committee Senior Executive Council	Approved by: (Signature on File) Chief Medical Officer
		(Signature on File) Chief Executive Officer

PURPOSE

To define the utilization of the Automated External Defibrillator (AED) designed to provide licensed providers with an organized response to cardiopulmonary arrest and early defibrillation by first responder of \leq less than 2 minutes, within all areas of the Medical Center.

Upon arrival of the code blue provider the automated AED function will be changed to manual mode defibrillation.

POLICY

The LAC+USC Medical Center ensures provision of consistent and comparable resuscitation services for all its patients, visitors and employees by:

- Training licensed healthcare providers in appropriate resuscitation techniques using the AED as a first responder.
- Providing the equipment necessary to best resuscitate patients.
- Reviewing patient outcomes in an organized, systematic fashion and providing feedback to care providers.

The AED shall be used in all cases of cardiac arrest unless there is a valid order not to resuscitate. Any licensed healthcare provider trained in AED and cardiopulmonary resuscitation techniques may initiate the appropriate steps to resuscitation. The AED prompt/device is not intended for children less than one year of age.

PROCEDURE

- In the event of a cardiac arrest, employees shall activate the Code Blue system. (Note: Emergency Departments, Intensive Care Units and Operating rooms shall manage their own cardiac arrests unless the Code Team is requested/summoned)
- Upon discovering a person in presumed cardiac arrest, medical/nursing personnel shall:
 1. Verify that the patient is in cardiac arrest (unconscious, no respiration, no pulse)
 2. Call for help, start high quality uninterrupted ~~start~~ chest compressions and retrieve the nearest AED/ Defibrillator
 3. Press ON/OFF to turn on the AED (the light will turn on) or manually turn the defibrillator knob to "On AED"
 4. Remove or loosen clothing to expose the patient's chest
 5. Follow the voice prompt until help arrives

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915**AED Locations**

LAC+USC Medical Center has AED units/Defibrillators strategically placed throughout the facility in the following locations:

- Centrally located in front of every Patient/Staff Elevator on every floor in the following buildings.
 - Clinic Building and
 - In front of Elevator Lobby
 - Diagnostic and Treatment Building
 - Inpatient Building and
 - Corridor in front of the Dining/ Cafeteria
 - General Hospital
 - Main hallway by CARES gift shop
 - Wellness Center entrance
- On every crash cart through out the facility (Please see crash cart locations in LAC+USC Medical Center Policy #920)

AED Maintenance (Outside of patient care areas)

The AED is maintained and regularly tested according to the operation and maintenance guidelines set forth by the manufacturer and according to any applicable rules and regulations set forth by the State.

AED units

- Department of Clinical Engineering checks the AED daily for readiness and after each use.
- Supplies inventoried and checked every 30 days by department of Clinical Engineering.
- Record shall be maintained on monthly audits.
- Personnel using the AED will be responsible for the inspection and cleaning of the unit, as well as making sure that all necessary supplies and accessories have been replaced. In addition, they are to contact Clinical Engineering (323) 409-5053 to reset the alarm.

Defibrillators

- Nursing checks the defibrillator daily and monthly for readiness and after each use.
- Record shall be maintained on the Emergency Equipment Check Log.

Life Support Training

See nursing Policy, "Mandatory Training/ Continuing Education Programs"

REFERENCES

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Joint Commission Standards: Provision of Care
LAC+USC Medical Center Policy #912 "Cardiopulmonary Resuscitation (Code Blue)"
LAC+USC Medical Center Department of Nursing Services Policy #951 "Resuscitation / Code Blue / Emergency Response"
LAC+USC Medical Center Policy #512 "Continuing Education"
Edward R. Roybal Comprehensive Health Center Policy & Procedure #341
El Monte Comprehensive Health Center Medical Administration Policy & Procedure #305

REVISION DATES

September 18, 2008; January 8, 2009; March 8, 2011; December 29, 2014; April 20, 2018; July 23, 2021