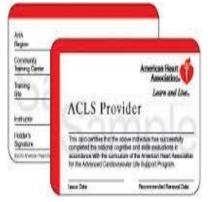
Advanced Cardiac Life Support (ACLS)







COURSE DESCRIPTION:

The American Heart Association's Advanced Cardiovascular Life Support course is totally redesigned for healthcare providers who either direct or participate in the resuscitation of a patient, whether in or out of hospital. Through the ACLS course, providers will enhance their skills in the treatment of the adult victim of a cardiac arrest or other cardiopulmonary emergencies.

ACLS emphasizes the importance of basic life support CPR to patient survival; the integration of effective basic life support with advanced cardiovascular life support interventions; and the importance of effective team interaction and communication during resuscitation.

ACLS is based on simulated clinical scenarios that encourage active, hands-on participation through learning stations where students will practice essential skills individually, as part of a team, and as team leader. Realistic simulations reinforce the following key concepts: proficiency in basic life support care; recognizing and initiating early management of peri-arrest conditions; managing cardiac arrest; identifying and treating ischemic chest pain and acute coronary syndromes; recognizing other life-threatening clinical situations (such as stroke) and providing initial care; ACLS algorithms; and effective resuscitation team dynamics.

• COURSE OBJECTIVES:

- 1. Recognize the signs & symptoms of acute MI & stroke.
- 2. Demonstrate the use of various airway & oxygen adjuncts; identify methods for airway control & optimum ventilation (including endotracheal intubation) during cardiac arrest.
- 3. Describe the indications, precautions and proper use of electrical therapy devices including AED and external pacemaker.
- 4. Identify normal and abnormal cardiac rhythms.
- 5. Utilize cardiovascular pharmacological agents;
- 6. Demonstrate one and two-rescuer CPR in adult.
- 7. Demonstrate knowledge and skills as team leader in a Mega code and team member.

• COURSE LENGTH: 2 Days

• Target Audience:

The course is designed for medical providers such as physicians, nurses, emergency medical technicians, paramedics, respiratory therapists, and other professionals who may respond to a cardiovascular emergency.

• Student Materials: ACLS Provider manual

BLS STRONGLY recommended as prerequisites to attending ACLS.

• Graduates of the Courses will receive:

ACLS certification and completion card from AHA with minimum grade of 84%. Graduates of the ACLS Courses will receive ACLS certification and completion card from AHA valid for 2 years.

