

AHA Advanced Cardiovascular Life Support Provider course

Across the world survival rate of Acute coronary Syndrome & Stroke vary considerably from region to region, It's important that emergency medical service (EMS) and in-hospital provider work together, not only to deliver better patient care, to strengthen the chain of survival for the future cardiovascular patients, that start with identifying weak points in the system's chain of survival , Gathering data and measuring patient outcomes can identify the areas that need improvement .To deliver highest quality patient care by using this team approach, there must be integration of the community ,EMS, Physicians & hospital resources. This process must prevention and preparedness. In this course the learner will learn about, immediate recognition of cardiac arrest and activation of EMS, efficient functioning of high performances team, early CPR with emphasis on chest compressions, rapid defibrillation, efficient advanced life support, integrated post cardiac arrest care.

Target Audience/Students for BLS:

ACLS is designed for healthcare professionals who either direct or participate in the management of cardiopulmonary arrest and other cardiovascular emergencies. This includes personnel in emergency response, emergency medicine, intensive care and critical care units can be doctors, nurses, dentists, physiotherapist and other paramedics.

Course Content:

- Lesson 1: System of Care
- Lesson 2: Science of Resuscitation
- Lesson 3: CPR Coach
- Lesson 4: High Quality BLS
- Lesson 5: Airway Management
- Lesson 6: Recognition – Signs of Early Deterioration
- Lesson 7: Acute Coronary Syndromes
- Lesson 8: Acute Ischemic Stroke
- Lesson 9: Cardiac Arrest Algorithm
- Lesson 10: Post Cardiac Arrest Algorithm
- Lesson 11: Bradycardia Algorithm
- Lesson 12: Tachycardia Algorithm
- Lesson 13: Intraosseous Access
- Lesson 14: Coping with death

Methodology of teaching:

ACLS is an intensive Video based instructional and “hands-on” training course. Students are taught using adult ACLS Resusci Anne. They practice high performance team activity with team dynamics in managing various cardiac arrhythmias, airway management, and pre & post cardiac arrest care management. The approximate duration of the practical sessions only is 16 hours.

A student: Instructor Ratio of 6:1.

The student: manikin ratio is 6:1.

Evaluation & Course Completion Requirements:

To complete the AHA ACLS Provider Course successfully, a student has to

- Pass the Written Exam scoring at least 42 out 50 questions (84%) correctly. The questions are of Multiple Choice Questions and it's provided by the AHA.

And also pass the practical exam (100%), evaluated by using AHA Standardized checklists.

- Pass the 1-Rescuer Adult BLS Skills with AED Test
- Pass the Adult Airway management Skills Test
- Pass the Mega code testing
 - Mark and percentage of score will not be mentioned, anywhere of the AHA Cards and certificates

Remediation criteria:

- Whoever score less than pass mark, will be verbally remediated if their score is between 37 to 41
- Fail: If they score less than 37 is consider as fail, Retest can give within a day or within a month, if they not able to pass, need to undergo the entire course again and do the payment for the same expect the manuals cost.

Certificate & Cards:

- Course completion card and certificate will be issued on the day of successful completion of the course by the American Heart Association through website (Atlas.heart.org)
- E- Card and certificate is internationally valid for 2 years.