

# Advanced Cardiovascular Life Support (ACLS)

American Heart Association's ACLS Course has been updated to reflect new science in the 2015 American Heart Association Guidelines Update for CPR and Emergency Cardiovascular Care (2015 AHA Guidelines for CPR and ECC). This course builds on the foundation of lifesaving BLS skills, emphasizing the importance of continuous, high-quality CPR. This advanced course highlights the importance of high-performance team dynamics and communication, systems of care, recognition and intervention of cardiopulmonary arrest, immediate post-cardiac arrest, acute dysrhythmia, stroke, and acute coronary syndromes (ACS).

## Who needs this?

Healthcare professionals who either direct or participate in the management of cardiopulmonary arrest or other cardiovascular emergencies. This includes personnel in emergency response, emergency medicine, intensive care, and critical care units such as physicians, nurses, and paramedics.

## What does the course cover?

- Basic life support skills, including effective chest compressions, use of a bag-mask device, and use of an AED
- Recognition and early management of respiratory and cardiac arrest
- Recognition and early management of peri-arrest conditions such as symptomatic bradycardia
- Airway management
- Related pharmacology
- Management of ACS and stroke
- Effective communication as a member and leader of a resuscitation team

## Venue

Khalaf Ahmad Al Habtoor Medical Simulation Center, 2nd Floor,  
Mohammed Bin Rashid Academic Medical Center, Dubai Healthcare City.

## Registration

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