

3RD DAILY CARDIOLOGY SYMPOSIUM

CONCISE, PRECISE, PRACTICAL

1st Day, 1st Panel, 1st Lecture

Acute Arrhythmia

Essentials of cardiopulmonary resuscitation



Learning Objectives & Case Vignette

Learning Objectives

- Epidemiology & survival of sudden cardiac arrest
- Key concepts of adult basic life support
- Resuscitation team management
- Advanced cardiac life support algorithm
- Interpretation of the initial ECG and rhythm
- Approach to airway management while performing ACLS

Learning Objectives

- When and how to use medications in CPR:
 - Epinephrine, Atropine, Amiodarone, Lidocaine, Magnesium, Sodium bicarbonate and other medications.
- Management of pulseless arrhythmias (Pulseless VT, VF & PEA)
- Management of arrhythmia with a pulse (bradycardia & tachycardia)
- Criteria for determining whether to stop CPR

Case Vignette

- Middle-aged lady, enters ED complaining of chest pain
- She suddenly collapses and becomes unresponsive while being shown to the triage room by the staff
- The patient gets transferred to the CPR room, cardiac monitoring reveals WCT
- No pulse can be detected, she is gasping and you can see the O₂sat% decreasing on the monitor

What are the next steps in the management & evaluation of this patient?

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Daily Cardiology Symposium 1402**

Acute arrhythmia

Tir 22nd, 09:30 – 11:00

Essentials of cardiopulmonary resuscitation

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