

# AHPI Institute of Healthcare Quality & Society for Emergency Medicine, India (SEMI)

*Present Course on :*  
**Certified National Cardiac Life Support (NCLS) Provider**  
**(for Doctors, Nurses and Paramedics)**



# Introduction

Knowledge and update on ACLS & Cardio Pulmonary Resuscitation(CPR) is a necessary skill for health care staffs (Doctors,Nurses and Paramedics) working in all areas of the Health Care Organisation, especially in critical areas of the hospitals like Emergency Room & Intensive Care Units,OT.

Many hospitals have a code blue team who respond from ER or ICU or OT to resuscitate a cardiac arrest scenario or any acute cardiac emergency situations like Tachy or brady arrhythmias in the hospitals, A response which takes at least few minutes and varies with hospitals (Studies have shown anywhere between 1 to 5 minutes with mean time of 2.4 minutes) ,during when the initial resuscitation efforts is commenced by the health care staff managing that particular area of the hospital.

This time is a very critical for successful resuscitation of a patient, as many studies have shown that early defibrillation in shockable rhythm increases the chances of survival and without CPR, the chances of survival decreases by 7- 10% every passing minute.

Hence all healthcare staff including doctors, Nurses and Paramedics should have adequate knowledge on cardiac life support techniques, CPR, defibrillation, Identification and initial management of arrhythmias ,Foreign body removal,drugs to be used in cardiac life support and resuscitation ,variations in children and pregnancy.

In India, such training and certification is not a part of training during medical or nursing school and many research studies in India and abroad have evaluated knowledge of CPR among various groups of health care providers and all have shown a huge existing knowledge deficit.

Accreditation bodies for quality improvement in health care like National Accreditation Board for Hospitals and Healthcare Providers (NABH) also recommends that all healthcare staff be trained in BLS and all critical area staffs of HCO be trained in ACLS resuscitation.

Society for Emergency Medicine India (SEMI),The registered apex body of Emergency Medicine in India and the only full member of International Federation of Emergency Medicine (IFEM) from India had collaborated with Association of Health Care Providers (AHPI) to offer training certification in cardiac Life support technique through a combined two days training certification program, with an objective of training all healthcare staff in India cardiac life support techniques.

Also India being diverse and our health care problems unique,This training will also discuss some special scenarios unique to India and common clinical dilemmas and problems faced during certain resuscitation scenarios due to medical legal or rather lack of medico legal clarity of issues.

**Program is endorsed by The West Bengal University of Health Sciences**

# Program content

## The two day program will cover

- General concept in Adult and Pediatric Chain of survival
- CPR & defibrillation –History,science & Concepts
- Clinical dilemmas in Indian context (Cardiac Arrest vs Brought Dead)
- Recent updates in Basic Life Support (Infants,adult children and variations in pregnancy)
- Non Invasive Airway and ventilation technique
- Automated external defibrillation
- Choking in Adults and pediatric – Manoeuvre for removal
- Team Leadership and Dynamics in resuscitation & Effective Communication
- Cardiac Arrest Rhythms - Identification
- Reversible causes of cardiac Arrest (H's and T's),
- Recent updates on Advanced cardiac life support (Adult and pediatric)
- Life support in Special Scenarios - Drowning/Poisoning/Trauma.
- Limitations in resuscitation and critical decision making.
- Post Return of spontaneous circulation care
- Airway and basic mechanical ventilator setting
  - Acute Coronary Syndrome -Assessment and Treatment
  - Bradyarrhythmia Management – Stable vs Unstable
  - Tachyarrhythmia Management – Stable vs unstable
  - Synchronised cardioversion
  - Acute suspected stroke - management
- Documentation (case notes , Forms & Certificates)
- Mock scenarios

## Who should Attend

All Doctors,Nurses and Paramedics in health care organisation.

## Certification

NCLS provider certificate is valid for 2 years from the date of completion of course and provider card will be awarded to only those who successfully clear the post training assessment exam.

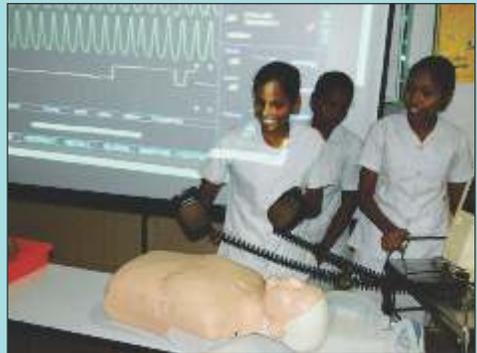
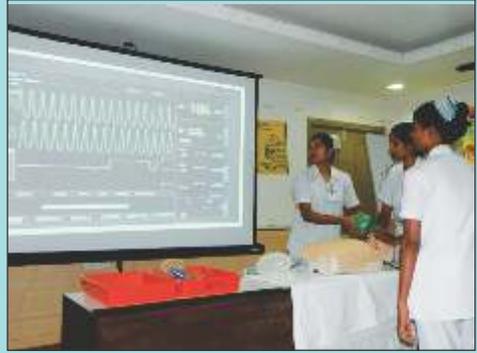
## Fee Submission

All Cheque/DD drawn  
in favor of:

## Association of Healthcare Providers (India)

Payable at New Delhi

- A/C No : 038601002052 (ICICI Bank)
- RTGS/NEFT IFS Code: ICIC0000386



### **Course Coordinators (Academic):**

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### **For Organizing, Contact:**

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