

# European Paediatric Life Support (EPLS) Provider Course Course Outlines

## Aims

The EPLS provider course is intended to provide training for multi-disciplinary healthcare professionals in the early recognition of the child in respiratory or circulatory failure and the development of the knowledge and core skills required to intervene to prevent further deterioration towards respiratory or cardiorespiratory arrest.

The EPLS provider course is a collaboration between the European Resuscitation Council and the Resuscitation Council (UK) and reflects changes in resuscitation education.

## Who the course is suitable for

This course is designed for healthcare professionals who would be expected to apply the skills taught as part of their clinical duties, or to teach them on a regular basis. Appropriate participants include doctors, nurses and paramedics working in direct contact with children. All applicants should hold a current clinical appointment and professional healthcare qualification. Medical students in their final year of training can be accepted as candidates provided they do not exceed 10% of the total number of candidates.

## Pre-course preparation

The manual is sent to the candidate one month before the course date and the candidate is strongly advised to study it thoroughly before attending. A pre-course multiple-choice questionnaire (MCQ) provides a baseline measure upon which new learning can be evaluated and candidates should be advised to complete it without reference to the manual.

## The EPLS provider course

The course comprises lectures, workshops, practical skill and teaching stations, discussion groups, mentor / mentee meetings and assessments.

## Lectures

- Recognition of the seriously ill child
- Management of the seriously ill child
- Newborn resuscitation
- Post-resuscitation Care

## **Workshops**

- Paediatric arrhythmias and treatment of cardiorespiratory arrest
- Trauma management

## **Group Discussion**

- Ethics

## **Skill Stations**

- Basic life support with bag mask ventilation and foreign body airway obstruction
- Airway and ventilation
- Vascular access
- Trauma
- Arrhythmia recognition and safe defibrillation

## **Teaching Scenarios**

- Newborn resuscitation
- Respiratory Failure
- Circulatory Failure
- Trauma
- Cardiac arrhythmias
- Cardiorespiratory arrest

## **Demonstration**

An experienced faculty will give a scenario teaching demonstration. This introduces the concept of role-play and simulated scenario management, assessment of the critically ill child or infant, shockable / non-shockable algorithms, positive critiquing, and team leadership skills.

## **Assessments**

Assessments are based on clinical scenarios that allow the candidate to effectively demonstrate the core competencies that have been taught on the course. The scenarios are standardised and reflect reality as closely as possible.

There are 3 assessment components:

- Paediatric basic life support with bag-mask ventilation (outcome based assessment)
- ALS scenario
- MCQ