



European
Resuscitation
Council

Advanced Life Support Provider Course

The Advanced Life Support (ALS) course

The target candidates for this course are doctors and senior nurses working in emergency areas of the hospital, and those who may be members of the medical emergency or cardiac arrest teams. The course is also suitable for senior paramedics and certain hospital technicians.

Up to 24 candidates can be accommodated on the course, with a ratio of at least 1 instructor for every 3 candidates. Up to a maximum of 50% of the instructors may be ICs. Groups for teaching should have 6 participants. Each instructor acts as a mentor for a small group of candidates. The course lasts for 2 days.

Course format

The course format has very few formal lectures, and teaching concentrates on hands-on skills, clinically-based scenarios in small groups with emphasis on the team leader approach and interactive group discussions. Mentor/mentee sessions are included to allow candidates to give and receive feedback. Faculty meetings are held at the beginning of the course and at the end of each day of the course. Social occasions, such as course and faculty dinners, add greatly to the course interaction and enjoyment.

Course content

Candidates are expected to have studied the ALS course manual carefully before the course.

The course aims to train candidates to highlight the causes of cardiac arrest, identify sick patients in danger of deterioration and manage cardiac arrest and the immediate peri-arrest problems encountered in and around the first hour or so of the event. It is not a course in advanced intensive care or cardiology. Candidates are expected to be familiar with the principles of basic life support. This is formally assessed during an initial assessment and resuscitation workshop on day 1.

Emphasis is placed on the techniques of safe defibrillation and ECG interpretation, the management of the airway and ventilation, the management of peri-arrest rhythms, simple acid/base balance and special circumstances relating to cardiac arrest. Post-resuscitation care, ethical aspects related to resuscitation and care of the bereaved are included in the course.

Assessment and testing

Each candidate is assessed individually and reviewed at the end of each day by the faculty. Feedback is given as required. There is a test scenario towards the end of the course, and on-going assessment of management of the sick patient, CPR skills and the ability to defibrillate effectively and safely. There is a multiple-choice question paper taken at the end of the course to test core knowledge. Candidates are required to achieve 75% to pass this test.



HLR rådet
Svenska rådet för hjärt-lungräddning



från novis till expertfrån expert till novisfrån novis till e