

- Course structure and programme
- Collapse

ALS courses are held at centres throughout the UK and are approved and certified by the Resuscitation Council (UK). This ensures uniformity of content and standard regardless of the centre.

### **This is a 2-day face-to-face course.**

All candidates will be registered on the Course Management System (CMS) regardless of their chosen course pathway to access course modules, pre-course multiple choice questionnaire (MCQ), course evaluation and post course certificates.

The course programme consists of lectures, workshops, skill stations and cardiac arrest simulations (i.e. CASTeach).

### **Assessment and Certification**

Continuous assessment occurs throughout the ALS course, which is based on clinical simulations that allow candidates to demonstrate the core competencies that have been taught on the course. These include airway management, high quality CPR and defibrillation and cardiac arrest management. A final assessment of candidates at the end of the course takes the form of management of a cardiac arrest simulation and a MCQ paper. Successful candidates receive a European Resuscitation Council ALS provider certificate, which is valid for 4 years

### **Pre-course preparation**

The course manual is sent to candidates one month before the course. Candidates are expected to have prepared for the course by reading the manual and submitting their completed pre-course MCQ paper before attending the face-to-face course. Candidates are advised to complete the pre-course MCQ without reference to the manual. Candidates are also given access to e-learning materials on the CMS. For those candidates attending the e-ALS course, the e-learning content replaces the first day of the 2-day course and they must access and undertake the e-learning component before attending the face-to-face element of the course. Prior competence in CPR is an essential prerequisite to attending the course.



ALS - Advanced Life Support



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# ADVANCED LIFE SUPPORT

# ABOUT EUROPEAN RESUSCITATION COUNCIL

## ALS - Advanced Life Support

The European Resuscitation Council is the leading scientific institution in Europe in the field of resuscitation. Every five years this institution adopts and promotes new international recommendations concerning basic and advanced life support measures for critically ill patients.

These recommendations, based on the Consensus on Science with the ERC working in cooperation with similar organisations in North America, South America, Southern Africa, Australasia and the Orient are the world standards for medical nursing and paramedic staff who deal with critically ill patients.

The Consensus on Science and the Guidelines set out the knowledge which should be acquired by: Laymen – including basic life support and defibrillation with automated defibrillators; Paramedics and medical nurses-technicians – including basic cardiac and trauma life support and application of external defibrillators; Professional rescuers doctors and nurses working in acute departments who undertake training advanced life support.

To acquire the knowledge and skills necessary to apply these recommendations and skills the European Resuscitation Council currently organises training courses, following the principles of small group hands-on teaching by encouragement, in 52 countries of Europe, North Africa and the Middle East. Successful completion of the course is rewarded by a certificate issued by the ERC that is recognised in all 52 countries. Certification is recorded at the European Resuscitation Council Headquarters and by the National Resuscitation Council. Candidates with instructor potential are identified and are offered a place in a Generic Instructor Course at a later date.

The training system means that the standards in all 52 countries are the same.



The Serbian Resuscitation Council Advanced Life Support (ALS) course was launched 1993. It is a standardised course teaching evidence-based resuscitation guidelines and skills to healthcare professionals. The ALS course has also been adopted by the European Resuscitation Council (ERC), Resuscitation Council (UK) and the Australian Resuscitation Council (ARC).

### General information

#### Who is this course suitable for?

The ALS provider 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, paramedics and nurses working in acute care areas (e.g. ED, CCU, ICU, HDU, operating theatres, acute medical admissions units) or on resuscitation /medical emergency/ ICU outreach teams. All applicants must hold a professional healthcare qualification or be in training for a pro-

fessional healthcare qualification. Medical students, nurses and other healthcare providers not covered in the groups above should be encouraged to complete the Immediate Life Support (ILS) course. Those with a particular interest in resuscitation should then consider attending an ALS provider course, where appropriate. Medical students in their final year of training can be accepted as candidates on an ALS course if this is an established local arrangement.

#### Learning outcomes

The ALS course teaches the knowledge and skills required to:

- recognise and treat the deteriorating patient using a structured ABCDE approach;
- deliver standardised CPR in adults;
- manage a cardiac arrest by working with a multi-disciplinary team in an emergency situation;
- utilise non-technical skills to facilitate strong team leadership and effective team membership.