



# ADVANCED LIFE SUPPORT (ALS)

## AIMS

The ALS is a two-day course teaching theory and practical skills to effectively manage cardio-respiratory arrest, peri-arrest situations and special circumstances, and to prepare senior members of a multi-disciplinary team to treat the patient until transfer to a critical care area is possible.

## CONTENT

The ALS course consists of lectures, skill stations and discussions covering the following topics:

- Advanced Life Support in Perspective
- Causes and Prevention of Cardiac Arrest
- Acute Coronary Syndromes
- Airway Management
- Monitoring, Rhythm Recognition and 12-lead ECG
- Initial Assessment and Resuscitation
- ALS Treatment Algorithm
- Post Resuscitation Care
- Tachycardias and bradycardias
- Blood Gases
- Cardiac Arrest in Special Circumstances
- Cardiac Arrest Management (CASTeach)
- Ethics / Legal aspects / DNAR

## WHO SHOULD ATTEND?

Appropriate participants include doctors and nurses working in critical care areas (eg A&E, CCU, ICU, HDU, operating theatres, medical admissions units) or on the cardiac arrest/medical emergency team, and paramedics. All applicants should hold a current clinical appointment and professional healthcare qualification, along with valid basic life support certification.