



CENTRE FOR EDUCATION

# Advanced Life Support Level 2 (ARC)

Best Care: *Safe Care* Standard: *Standard 9: The deteriorating patient*

**Course description:**

The Australian Resuscitation Council (ARC) Advanced Life Support Level 2 (ALS2) is a two day course aimed at developing advanced skills in the management of the deteriorating patient and cardiac arrest management.

The ALS2 course credentials are recognised internationally by organisations including the Resuscitation Council (UK), New Zealand Resuscitation Council (NZRC) and European Resuscitation Council (ERC). Many professional colleges also credential the course and grant educational development points for completion including ANZCA, ACEM, ACRRM, CICM, RACGP and RACP.

**Learning outcomes:**

The ALS2 course teaches the knowledge and skills required to:

- Recognise and treat the deteriorating patient using a structured ABCDE approach
- Demonstrate cardiac arrest management using the standardised approach of the Australian Resuscitation Council
- Treat cardiac and/or respiratory arrest, including starting CPR, manual defibrillation, management of life threatening arrhythmias, and post resuscitation care
- Care for the deteriorating patient or patient in cardiac and/or respiratory arrest in special circumstances such as asthma, anaphylaxis and pregnancy
- Lead a team, work as a team member, and use structured communication skills including giving an effective handover

**Course content:**

The ALS2 course is delivered as lectures, interactive workshops, and simulated scenarios. The course includes:

- Causes and prevention of cardiac arrest
- Acute coronary syndromes
- Advanced life support algorithm
- Post resuscitation care
- Airway management
- Rhythm recognition, monitoring and 12 lead ECG
- Tachyarrhythmia, cardioversion and drugs
- Bradycardia, transcutaneous pacing and drugs
- Special circumstances – asthma, anaphylaxis, pregnancy and electrolyte abnormalities
- Arterial blood gas analysis

**Program Eligibility:**

The 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** and **nurses** working in critical care areas (e.g. emergency, ICU/HDU, anaesthetics/theatre, coronary care, acute admissions units, resuscitation/medical emergency teams), and **paramedics**.

Prior competence in CPR is an essential prerequisite to attending the course.

Medical students and healthcare providers not covered in the groups above are encouraged to initially complete the ALS1 course also offered at Western Health.

**Inquiries:**

**Footscray Hospital:**

**Sunshine Hospital:**

**Education Weblink:**

[whs-ceadmin@wh.org.au](mailto:whs-ceadmin@wh.org.au)

Gordon St, Footscray VIC 3011 | Tel: 03 8345 6845 | Fax: 03 8345 6336

WCHRE Building, 176-190 Furlong Rd, St Albans VIC 3021 | Tel: 03 8395 8183 | Fax: 03 8395 8260

<http://www.westernhealth.org.au/EducationandResearch/Education/Pages/Courses-and-Inservices.aspx>



<p><b>Assessment and certification:</b></p>	<p>Candidates are sent the ALS2 course manual four weeks prior to the course, and are required to complete a pre-course multiple choice paper to guide preparation. The course must be attended in its entirety, and continuous assessment occurs throughout the course based on workshops and clinical simulations. A final assessment at the end of the course takes the form of management of a cardiac arrest simulation and multiple-choice questionnaire.</p> <p>On successful completion of the course, candidates receive an ALS2 provider certificate which is valid for 4 years.</p>
<p><b>Program Enrolment:</b></p>	<p>The program is limited to 12 participants.</p>
<p><b>Program Duration:</b></p>	<p>2 days: 08:00-17:00 hrs. Please arrive 15 mins early to allow for registration</p>
<p><b>Registration:</b> <i>(Course fees &amp; dates)</i></p>	<p><b>Course dates 2017:</b></p> <ul style="list-style-type: none"> <li>• 3-4 May 2017</li> <li>• 31 August-1 September 2017</li> </ul> <p><b>Course fees: (*include course manual and catering)</b></p> <p>External candidates:</p> <ul style="list-style-type: none"> <li>• Consultant \$1,300</li> <li>• Registrar/HMO \$1,000</li> <li>• Nurse/paramedic \$750</li> </ul> <p>Western Health staff rates:</p> <ul style="list-style-type: none"> <li>• Consultant \$980</li> <li>• Registrar/HMO \$750</li> <li>• Nurse/paramedic \$550</li> </ul> <p><b>Registration:</b> <a href="http://enrol.vetenrol.com.au/?clientid=VT-WESTERNHEALTH">http://enrol.vetenrol.com.au/?clientid=VT-WESTERNHEALTH</a> Select <b>Best Care: Safe Care</b>, then <b>CPR ALS2 (ARC)</b></p>
<p><b>Course location:</b></p>	<p>Sunshine Simulation Centre Level 2, Western Centre for Health Research and Education (WCHRE) building Sunshine Hospital 176 Furlong Rd, St Albans VIC 3021</p>
<p><b>Further information:</b></p>	<p>For further information regarding the Western Health ALS2 course please contact the course coordinators, Dr John Ozcan at <a href="mailto:john.ozcan@wh.org.au">john.ozcan@wh.org.au</a> or Ms Janet Beer at <a href="mailto:janet.beer@wh.org.au">janet.beer@wh.org.au</a></p> <p>Further details about ALS courses are also provided by the Australian Resuscitation Council at <a href="http://www.resus.org.au">www.resus.org.au</a></p>

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