ANZCA and FPM Continuing professional development (CPD) program

Cardiac arrest - recognition of suitability application form

This application form is for course providers who wish to receive recognition of suitability as an emergency response activity in the ANZCA and FPM CPD program.

Personal details

Are you the facilitator of this course/ workshop? ☐*Yes ☐ No

*If yes, continue to section 2.

Are you applying as a participant? ☐ Yes ☐ No

First name _____

Surname _____

Address _____

Suburb/State/Postcode _____

Mobile _____

Email _____

Facilitator / instructor details

A. The "Clinical Lead" (the medical officer nominated by each department/group to oversee the provision of the cardiac arrest education sessions conducted by that provider) is a consultant anaesthetist or intensivist. ☐ Yes ☐ No

First name _____

Surname _____

Position _____

Qualifications _____

Mobile _____

Email _____

B. The "Lead Facilitator" (the doctor who oversees the conduct of an individual cardiac arrest education session) is at the level of ATY2 or higher. ☐ Yes ☐ No

First name _____

Surname _____

Institution / course provider details (this will be published on the ANZCA website)

Name of institution/ private practice _____

Department _____

Address _____

Suburb/State/Postcode _____

Session information

Session title _____

If applicable, which ANZCA/FPM event is this session a part of? _____

☐ This is a once-off occurrence Start _____ End _____

☐ This is an ongoing session Starting from _____

☐ I acknowledge that if there are any changes to the course content or duration, I will need to reapply for recognition of suitability.

☐ Along with the completed application form, I will submit a copy of the outline or structure of the intended course or workshop, by the facilitator.

Signature _____ Date _____

	Learning objectives:	
	As a minimum, education sessions are required to provide the opportunity for participants to meet the learning objectives listed below. Objectives marked with an asterisk (*) require participants to actively engage in hands-on activities to practice this skill during the session.	
	Please indicate that participants will be able to:	
1	Describe the basic life support (BLS) and advanced life support (ALS) algorithms including “shockable” and “non-shockable” pathways.	
2	Recognise ventricular fibrillation (VF), pulseless ventricular tachycardia (VT), pulseless electrical activity (PEA) and asystole.	
3	Describe reversible causes of cardiac arrest in any setting:	
	Four Hs: hypoxia, hypovolaemia, hypothermia, hyperkalaemia.	
	Four Ts: tension pneumothorax, tamponade, toxins, thromboembolism.	
4	Recognise other causes of cardiac arrest that are relatively more specific to the perioperative setting (anaphylaxis, local anaesthetic toxicity, gas or fat embolism, high-spinal, complete heart block).	
5*	Recognise the clinical features of cardiac arrest.	
6*	Initiate the management of patients with cardiac arrest.	
7	State the appropriate timing and role of endotracheal intubation in ALS. Note: technical expertise with airway management is assumed, and need not be demonstrated.	
8	Explain ventilation strategies, including need to recognise life-threatening auto positive end-expiratory pressure.	

	Learning objectives (cont.):	
9*	Demonstrate external cardiac compression.	
10	Recognition of need for early defibrillation if shockable rhythm.	
11*	Demonstrate the safe use of a defibrillator. Note: it is strongly recommended that practitioners familiarise themselves with the type of defibrillator(s) available in their usual workplace/s.	
12*	Demonstrate the appropriate selection and administration of drugs in cardiac arrest.	
13*	Demonstrate leadership, including clear instruction of resuscitation priorities to team.	
14	Recognise return of spontaneous circulation.	
15	Discuss the appropriate time and manner in which to cease resuscitation efforts.	
16	Describe the fundamentals of post-resuscitation care.	
17	Recognise that non-technical and teamwork skills, as well as initiation of management protocols, are vital in the management of cardiac arrest.	
	Structure of education session	
	Please indicate the applicability of the following criteria to your activities:	
1	Provide pre-course reading that refers to the relevant algorithms/guidelines used in the session and provides relevant foundation knowledge of the session content.	
2	Have a minimum total duration of ninety (90) minutes and provide hands-on activities, which include scenario-based rehearsal, to achieve objectives marked with an asterisk (*). A minimum of eight (80) minutes of team-based scenarios is recommended.	
3	Be deliverable as a continuous session or in parts.	
4	Include a variety of team-based scenarios, including shockable and non-shockable rhythms.	
5	Be conducted by a lead facilitator and provide at least one instructor per four participants. Instructors need to observe each participant while they are working through scenarios and provide verbal feedback to ensure they are achieving the objectives of the session.	
6	Utilise:	
	A mannequin that can be ventilated via bag-mask.	
	A mannequin that can be intubated.	
	A mannequin that can have CPR performed on it.	
	A mannequin that can be defibrillated.	
	A self-inflating bag plus face mask.	
	Laryngeal mask/s.	
	An endotracheal tube plus laryngoscope.	
	A defibrillator.	
	Ability to display relevant arrhythmias, either on a monitor or in hard copy.	
7	Course directors who wish to record information relating to the performance or conduct of participants must obtain written consent and adhere to the privacy policies of their organisation and location. ANZCA does not collect this information and it is optional for the course provider and director to do so.	

Session materials		
Session materials for delivery via workshop or group discussion will include the following:		
1	Session objectives	
2	Session outline	
3	Facilitators' guide (including equipment list, scenario outlines and a guide to the safe use of the defibrillator/s to be used).	
4	ALS algorithms as handouts.	
5	Session evaluation forms for feedback from participants	
6	Participant list template to record date, venue, names and appointment type of participants	
Optional		
1	Recongise the non-technical and teamwork competencies have a positive impact during management of peri-operative cardiac arrest and employ strategies for utilise them.	
2	Discuss the role of cognitive aids in the management of cardiac arrest	
3	Discuss the use of cardio-version and external pacing.	
4	Recognise peri-arrest arrhythmias.	
5	Discuss the legal, ethical, and occupational health and safety issues associated with ALS interventions.	
6	Describe documentation requirements around cardiac arrest.	

Comments:

Please send your completed form along with a copy of the outline or structure of the intended course/workshop to the CPD Team at cpd@anzca.edu.au or mail them to:

CPD Team
ANZCA House
630 St Kilda Road
Melbourne VIC 3004
Australia