

## Continuing professional development

# Recognition of suitability - cardiac arrest

**CPD**

Application for recognition of suitability as an emergency response activity in the ANZCA CPD program

### 1. CONTACT INFORMATION

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

\*If yes, continue to section 2.

Are you applying as a participant?  Yes  No

Family name: \_\_\_\_\_ First name: \_\_\_\_\_

Email: \_\_\_\_\_ Phone:  Country  Area  Local

Street address: \_\_\_\_\_

Suburb/City: \_\_\_\_\_ State: \_\_\_\_\_ Postcode: \_\_\_\_\_ Country: \_\_\_\_\_

### 2. 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

Family name: \_\_\_\_\_ First name: \_\_\_\_\_

Position: \_\_\_\_\_ Qualifications: \_\_\_\_\_

Email: \_\_\_\_\_ Phone:  Country  Area  Local

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

Family name: \_\_\_\_\_ First name: \_\_\_\_\_

### 3. INSTITUTION / COURSE PROVIDER DETAILS (THIS WILL BE PUBLISHED ON THE ANZCA WEBSITE)

Name of institution / private practice: \_\_\_\_\_

Department: \_\_\_\_\_

Street address: \_\_\_\_\_

Suburb/City: \_\_\_\_\_ State: \_\_\_\_\_ Postcode: \_\_\_\_\_ Country: \_\_\_\_\_

### 4. SESSION INFORMATION

Session title: \_\_\_\_\_

This is a once-off occurrence Start:  Day  Month  Year  End:  Day  Month  Year

This is an ongoing session Starting from:  Day  Month  Year

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

Signature: \_\_\_\_\_

Date: | Day | Month | Year |

If applicable, which ANZCA event is this session a part of? \_\_\_\_\_

<b>LEARNING OBJECTIVES</b>			
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.	Yes	No
2	Recognise ventricular fibrillation (VF), pulseless ventricular tachycardia (VT), pulseless electrical activity (PEA) and asystole.	Yes	No
3	Describe reversible causes of cardiac arrest in any setting:		
	Four Hs: hypoxia, hypovolaemia, hypothermia, hyperkalaemia.	Yes	No
	Four Ts: tension pneumothorax, tamponade, toxins, thromboembolism.	Yes	No
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).	Yes	No
5*	Recognise the clinical features of cardiac arrest.	Yes	No
6*	Initiate the management of patients with cardiac arrest.	Yes	No
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.	Yes	No
8	Explain ventilation strategies, including need to recognise life-threatening auto positive end-expiratory pressure.	Yes	No
9*	Demonstrate external cardiac compression.	Yes	No
10	Recognition of need for early defibrillation if shockable rhythm.	Yes	No
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.	Yes	No
12*	Demonstrate the appropriate selection and administration of drugs in cardiac arrest.	Yes	No
13*	Demonstrate leadership, including clear instruction of resuscitation priorities to team.	Yes	No
14	Recognise return of spontaneous circulation.	Yes	No
15	Discuss the appropriate time and manner in which to cease resuscitation efforts.	Yes	No
16	Describe the fundamentals of post-resuscitation care.	Yes	No

<b>STRUCTURE OF EDUCATION SESSION</b> - 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.	Yes	No
2	Have an overall duration of 90 minutes and provide hands-on activities, which include scenario-based rehearsal, to achieve objectives marked with an asterisk (*). A minimum of 80 minutes of team-based scenarios is recommended.	Yes	No
3	Include a variety of team-based scenarios, including shockable and non-shockable rhythms.	Yes	No

<b>STRUCTURE OF EDUCATION SESSION</b> - Please indicate the applicability of the following criteria to your activities:			
4	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.	Yes	No
5	Utilise:	Yes	No
	A mannequin that can be ventilated via bag-mask.	Yes	No
	A mannequin that can be intubated.	Yes	No
	A mannequin that can have CPR performed on it.	Yes	No
	A mannequin that can be defibrillated.	Yes	No
	A self-inflating bag plus face mask.	Yes	No
	Laryngeal mask/s.	Yes	No
	An endotracheal tube plus laryngoscope.	Yes	No
	A defibrillator.	Yes	No
Ability to display relevant arrhythmias, either on a monitor or in hard copy.	Yes	No	

<b>SESSION MATERIALS</b> - materials for delivery via workshop or group discussion will include:			
1	Session objectives.	Yes	No
2	Session outline.	Yes	No
3	Facilitators' guide (including equipment list, scenario outlines and a guide to the safe use of the defibrillator/s to be used).	Yes	No
4	ALS algorithms as handouts.	Yes	No
5	Session evaluation forms for feedback from participants.	Yes	No
6	Participant list containing the date, venue, names and appointment types of participants.	Yes	No

<b>OPTIONAL</b>			
1	Non-technical factors that contribute to poor outcomes during management of peri-operative cardiac arrest and strategies for managing these.	Yes	No
2	Cardio-version and external pacing.	Yes	No
3	Recognition of peri-arrest arrhythmias.	Yes	No
4	Legal, ethical, and occupational health and safety issues associated with ALS interventions.	Yes	No
5	Documentation requirements around cardiac arrest.	Yes	No

Comments:

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