



ANZCA and FPM Continuing professional development (CPD) program

Major Haemorrhage - 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

First name _____

Surname _____

Address _____

Suburb/State/Postcode _____

Mobile _____

Email _____

Position _____

Qualifications _____

Name of institution/ private practice _____

Department _____

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



To achieve recognition for the ANZCA and FPM CPD program, the education session must address, as a minimum, the objectives below.

By the end of the education session, participants will be able to:

1	State the definition of critical bleeding, and massive transfusion	
2	Identify approaches to stop critical bleeding. This may include pneumatic, compressive, topical haemostatic, and systemic	
3	Recognise clinical risk factors that increase mortality with blood loss, that demand an emergency rather than routine resuscitation response. These include degrees of trauma injury, obstetric bleeding, acidosis, haemodynamic instability, and shock	
4	Identify haematology and coagulation investigations indicated to quantify major haemorrhage	
5	Describe minimum requirements including: transfusion and resuscitation equipment; IV access; and personal support to undertake major resuscitation	
6	Determine endpoints of resuscitation management of volume and selection of blood products to maximise patient outcome	
7	Describe advanced coagulation management including the use of blood and pharmacological products	
8	Recognise that non-technical and teamwork skills, as well as, initiation of emergency protocols and when relevant, focus on surgical cessation of bleeding, rather than definitive surgical management (damage control surgery), is vital in the management of critical bleeding/massive transfusion.	

Completing the major haemorrhage activity online

The BloodSafe elearning Australia online resources – Critical Bleeding, based on the National Blood Authority’s Patient Blood Management Guidelines: Module 1 Critical Bleeding/Massive Transfusion and Obstetrics and Maternity based on the National Blood Management Guidelines: Module 5 Obstetrics and Maternity, each satisfy the requirements of this activity.

Participants will be completing this online module	Yes	No
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Completing the major haemorrhage activity in a workshop

Education session delivered in a workshop or structured group discussion format must:

1	Provide pre-course reading that provides relevant foundation knowledge of the session content.	
2	Have a minimum total duration of ninety (90) minutes.	
3	Provide case-based discussion or scenario-based simulation activities so participants have the opportunity to: apply knowledge learnt through the session or pre-reading; and practice implementation of the guidelines.	
4	Be facilitated by a post-Fellowship specialist who is appropriately skilled and experienced to deliver the content of the session. Ideally the facilitator will have medical education experience and/or credentials.	
5	Provide one per fifteen (15) participant ratio for practical simulation or workshops. Facilitators must engage with each participant while they are working through scenarios to ensure they are achieving the objectives of the session.	
6	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 scenario outlines)	
5	Session evaluation forms for feedback from participants	
6	Participant list template to record date, venue, names and appointment type of participants	

Optional

Departments developing an education session may elect to expand the focus of teaching to the type of major haemorrhage that is most likely to present and understand the team approach needed to deliver large volume blood products at the right time to the patient. Important educational points should include:

1	Recognise the non-technical and teamwork competencies that have a positive impact during management of critical bleeding/massive transfusion and evolving crises, and employ strategies to utilise them.	
2	Adoption of hospital critical bleeding/massive transfusion protocols	
3	Compare the hospital's critical bleeding/massive transfusion protocols with the Patient Blood Management Guidelines: Module 1.	
4	Discuss agreed initiation criteria, blood product content, and sources of clinical advice in more complex haemorrhagic cases.	
5	Describe the indications of shock related to major bleeding that should trigger mandatory referral, including: degree of haemorrhage; nature of haemorrhage; and lack of control of bleeding. Agreed stratification of shock is also useful.	
6	Demonstrate cooperation with surgical, anaesthetic and ICU/ED teams to practice damage control resuscitation and surgery to allow stabilisation and minimise blood loss in uncontrollable haemorrhage.	

Comments:

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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