

CMP2 Cardio-Respiratory Arrest

The trainee will have full competence in the assessment and resuscitation of the patient who has suffered a cardio-respiratory arrest, as defined by the UK Resuscitation Council		
Knowledge	Assessment Methods	GMP Domains
<p>Demonstrate knowledge of the causes of cardiac arrest including special situations, e.g. hypothermia, trauma, overdose</p> <p>Be able to identify and correct reversible causes.</p> <p>Demonstrate knowledge of the outcomes of pre-hospital and in-hospital arrest</p>	E, C, Mi, ACAT	1
Demonstrate familiarity with the ALS and APLS algorithms and pharmacology	E, C, Mi, ACAT	1
Outline indication and safe delivery of drugs used as per ALS and APLS algorithms	E, C, Mi, ACAT	1
<p>Know how to manage the patient post- arrest with ROSC</p> <p>Be able to diagnose and treat peri-arrest arrhythmias and know the indication, contraindications and side effects of the drugs used</p>	E, C, Mi, ACAT	1
Know of tissue and organ donation	E, C, Mi, ACAT	1
Skills		
Rapidly assess the collapsed patient in terms of ABC, airway, breathing and circulation	Mi, D, L	1
Perform basic life support competently as defined by Resuscitation Council (UK): effective chest compressions, airway manoeuvres, bag and mask ventilation	Mi, D, L	1
Competently perform further steps in advanced life support: IV drugs; safe DC shocks when indicated; central line insertion, external pacing, endotracheal drug administration, identification and rectification of reversible causes of cardiac arrest	Mi, D, L	1
Break bad news appropriately (see generic curriculum)	Mi, C, M	3, 4

Behaviour		
Recognise and intervene in critical illness promptly to prevent cardiac arrest (e.g. peri-arrest arrhythmias, hypoxia)	ACAT, AA, C, Mi	1
Maintain safety of environment for patient and health workers	ACAT, C, Mi	2, 4
Hold a valid ALS certificate (MANDATORY REQUIREMENT)	ACAT, AA C, Mi	1
Demonstrate ability to work in a team and succinctly present clinical details of situation to senior doctor	ACAT, C, Mi	3
Demonstrate ability to consult with a senior, seek anaesthetic team support and to act as the patient's advocate when continued critical care input is needed	ACAT, C, Mi	2, 4
Recognise importance of sensitively breaking bad news to family	ACAT, C, Mi	3, 4