



ResuscitationSkills

PAEDIATRIC ADVANCED LIFE SUPPORT (2-Day)

DAY ONE

Time	Topic		Overview
0800-0830	Welcome, registration & introduction		Before we begin, please complete registration, familiarise yourself with the programme, relax with coffee! We introduce our faculty, the course programme and discuss housekeeping
0830-0915 (45mins)	Instructor led demonstration of medical crises		Observe a medical crisis lead by the faculty who will role model effective team leadership, communication and problem solving. "Ground rules" for simulation and debriefing are discussed.
0915-0945 (30mins)	Red Group Skill Station BLS child	Blue Group Skill Station BLS infant	Practical workshop including single-rescuer and two rescuer CPR on a child and infant.
0945-1015 (30mins)	Red Group Skill Station BLS infant	Blue Group Skill Station BLS child	
1015-1030	Morning Tea (provided)		
1030-1115 (45mins)	Red Group Skill Station Defibrillation	Blue Group Skill Station Airway Management 101	Practical workshop covering the use of suction, manual airway manoeuvres, bag-mask ventilation, oropharyngeal airways and LMAs. Use of ETT and ETCO2 will be discussed and practised
1115-1200 (45mins)	Blue Group Skill Station Airway Management 101	Red Group Skill Station Defibrillation	Practical workshop on the safe use of an AED & manual defibrillator referring to the ALS algorithm for children
1200-1245 (45mins)	Vascular Access		A skill station developing vascular access skills, in particular use of the EZI IO drill and other intra-osseous needles.
1245-1315	Lunch (provided)		
1315-1415 (60mins)	Practical Assessments & Progress quiz <ul style="list-style-type: none"> - Basic Life Support (single and 2 rescuer) - AED - Defibrillation - Airway Management - ECG recognition 		You will be individually assessed on each of the topics covered in the previous skill stations and from the pre-course material. A MCQ quiz is also completed on these topics.
1415-1500 (45mins)	Red Group Skill Station Airway Management 102	Blue Group Skill Station Resuscitation of newly born	Airway management 102 develops previous airway management skills with an emphasis on non-invasive ventilation techniques and more in-depth practice of endotracheal intubation Resuscitation of the newly born develops the special skills required to resuscitate the "unexpected" newly born and a scenario is presented.
1500-1515	Afternoon Tea (provided)		
1515-1600 (45mins)	Red Group Skill Station Resuscitation of newly born	Blue Group Skill Station Airway Management 102	
1600	Day one summary, feedback and retests		Please complete the day one course evaluation form. If you have passed all assessments you are free to go. Those who require re-tests remain behind
1615	Day one- course concludes		

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2017
DAY TWO
SAMPLE PROGRAMME**

Time	Topic		Overview
0800-0815	Welcome Back- Q&A		An opportunity for questions before we start and time to organise ready for simulations
0815-0900 (45mins)	Red Group Simulation A	Blue Group Simulation B	Two concurrent simulation sessions. Cases will include presentation of a serious unwell child and infant due to drowning or sepsis who deteriorates. <ul style="list-style-type: none"> ▪ Cardiac arrest (VF/VT) ▪ Cardiac arrest PEA
0900-0945 (45mins)	Red Group Simulation B	Blue Group Simulation A	
0945-1000	Morning Tea (provided)		
1000-1045 (45mins)	Red Group Simulation C	Blue Group Simulation D	Two concurrent simulation sessions. Cases include presentation of unwell children and infants: <ul style="list-style-type: none"> ▪ Life threatening asthma ▪ Anaphylaxis
1045-1130 (45mins)	Red Group Simulation D	Blue Group Simulation C	
1130-1215 (45mins)	Preparation for MEDEVAC / telemedicine		A case based problem solving workshop covering the central issue of preparing an unwell child for MEDEVAC and use of telemedicine technology.
1215-1245	Lunch (provided)		
1245-1330 (45mins)	Red Group Simulation E	Blue Group Simulation F	Two concurrent simulation sessions. Cases include presentation of unwell children and infants: <ul style="list-style-type: none"> ▪ Trauma ▪ Status epilepticus
1330-1415 (45mins)	Red Group Simulation F	Blue Group Simulation E	
1415-1430	Afternoon Tea (provided)		
1430-1530 (60mins)	Red Group Simulation G	Blue Group Observe	Each group participates in a prolonged complex case of a presentation of an unwell child or infant requiring assessment, resuscitation and packaging for MEDEVAC: Topics include any of the cases already presented. One team observes the case and provides peer based feedback then the teams swap.
1530-1630 (60mins)	Red Group Observe	Blue Group Simulation G	
1630-1645	Course Summary and Feedback		Please take the time to complete our feedback form to provide us with valuable feedback about your experience.
1645	COURSE CONCLUSION		Thank you for choosing Resuscitation Skills as your training provider!