

## Advanced life support provider course programme

### With suggested timings based on 24 Candidates in 4 groups of 6

(To be adjusted according to Candidate numbers)

### Day 1

Timing to be decided locally		Faculty meeting and registration			
08:45	10 min	<b>Lecture:</b> Introduction to the ALS course			
08:55	25 min	<b>Lecture:</b> Recognition and prevention of deterioration using the ABCDE approach			
09:20	20 min	<b>Lecture:</b> Cardiac causes of cardiac arrest			
09:40	60 min	<b>Demonstration/lecture</b>			
		<ul style="list-style-type: none"> <li>▪ CASDemo (including non-technical skills)</li> <li>▪ ALS Algorithm</li> </ul>			
10:40	15 min	Tea / coffee break			
10:55		<b>Skill stations and workshops:</b>			
		<ul style="list-style-type: none"> <li>▪ Associated Resuscitation Skills including IO</li> <li>▪ The deteriorating patient (ABCDE approach)</li> <li>▪ Rhythm Recognition</li> <li>▪ High quality CPR and Defibrillation</li> </ul>			
<b>Associated Resuscitation Skills Inc. IO</b>					
10:55	70 min	Group 1	Group 2	Group 3	Group 4
<b>The deteriorating patient (ABCDE approach)</b>					
12:05	30 min	Group 1	Group 2	Group 3	Group 4
12:35	45 min	Lunch break			
13:20		<b>Skill stations and workshops</b> continued			
<b>Rhythm recognition</b>					
13:20	50 min	Group 1	Group 2	Group 3	Group 4
<b>High quality CPR and Defibrillation</b>					
14:10	50 min	Group 1	Group 2	Group 3	Group 4
15:00	25 min	<b>Lecture:</b> Post-resuscitation care			
15:25	15 min	Tea / coffee break			
15:40		<b>Cardiac Arrest Simulations Teaching Sessions (CASTeach) 1-3</b>			
<b>CASTeach 1</b>					
15:40	30 min	Group 1	Group 2	Group 3	Group 4
<b>CASTeach 2</b>					
16:10	30 min	Group 1	Group 2	Group 3	Group 4
<b>CASTeach 3</b>					
16:40	30 min	Group 1	Group 2	Group 3	Group 4
17:10	30 min	<b>Mentor feedback</b>			
17:40		<b>Faculty meeting Course closure</b>			

**Day 2**

09:00	15 min	Tea / coffee and mentor groups			
09:15		Peri-arrest workshops (continued after tea/coffee break)			
		<b>Assessing and treating tachycardia</b>		<b>Assessing and treating bradycardia</b>	<b>Arterial blood gas analysis</b>
09:15	45 min	Group 1	Group 2	Group 3	Group 4
10:00	45 min	Group 3	Group 4	Group 1	Group 2
10:45	15 min	Tea / coffee break			
		<b>Assessing and treating bradycardia</b>		<b>Arterial blood gas analysis</b>	
11:00	45 min	Group 2	Group 4	Group 3	Group 1
		<b>Resuscitation in Special Circumstances workshops (continued after lunch)</b>			
		<b>Special Circs 1</b>		<b>Special Circs 2</b>	
11:45	30 min	Group 1	Group 2	Group 3	Group 4
12:15	30 min	Group 4	Group 3	Group 2	Group 1
12:45	45 min	Lunch break			
		<b>Special Circs 3</b>			
13:30	30 min	Group 1	Group 2	Group 3	Group 4
14:00		<b>Cardiac Arrest Simulations Teaching Sessions (CASTeach) 4-5</b>			
		<b>CASTeach 4</b>			
14:00	45 min	Group 1	Group 2	Group 3	Group 4
		<b>CASTeach 5</b>			
14:45	45 min	Group 1	Group 2	Group 3	Group 4
15:30	15 min	Tea / coffee break			
15:45	120 min	<b>CASTest and MCQ</b>			
<b>CASTest</b>		<b>Group 1</b>	<b>Group 2</b>	<b>MCQ</b>	<b>Groups 3 &amp; 4</b>
15:45	10 min	Candidate 1	Candidate 7	15:45 to 16:45	Candidates 13 - 24
15:55	10 min	Candidate 2	Candidate 8		
16:05	10 min	Candidate 3	Candidate 9		
16:15	10 min	Candidate 4	Candidate 10		
16:25	10 min	Candidate 5	Candidate 11		
16:35	10 min	Candidate 6	Candidate 12		
<b>CASTest</b>		<b>Group 3</b>	<b>Group 4</b>	<b>MCQ</b>	<b>Groups 1 &amp; 2</b>
16:45	10 min	Candidate 13	Candidate 19	16:45 to 17:45	Candidates 1 - 12
16:55	10 min	Candidate 14	Candidate 20		
17:05	10 min	Candidate 15	Candidate 21		
17:15	10 min	Candidate 16	Candidate 22		
17:25	10 min	Candidate 17	Candidate 23		
17:35	10 min	Candidate 18	Candidate 24		
17:45	15 min	<b>Faculty meeting</b>			
18:00		<b>Candidate feedback in mentor groups</b>			
<b>End of course</b>					