

# Advanced life support provider course

## Modular programme

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

(To be adjusted according to Candidate numbers)

### Module 1

Timing to be decided locally		Faculty meeting and registration			
08:00	10 min	<b>Lecture:</b> Introduction to the ALS course			
08:10	25 min	<b>Lecture:</b> Recognition and prevention of deterioration using the ABCDE approach			
08:35	20 min	<b>Lecture:</b> Cardiac causes of cardiac arrest			
08:55	60 min	<b>Demonstration/lecture</b>			
		<ul style="list-style-type: none"> <li>▪ CASDemo (including non-technical skills)</li> <li>▪ ALS Algorithm</li> </ul>			
09:55	20 min	Tea / coffee break			
10:15		<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> </ul>			
<b>Associated Resuscitation Skills Inc. IO</b>					
10:15	70 min	Group 1	Group 2	Group 3	Group 4
<b>The deteriorating patient (ABCDE approach)</b>					
11:25	30 min	Group 1	Group 2	Group 3	Group 4
<b>11:55</b>		<b>Mentor time and finish</b>			
		<b>Faculty meeting</b>			

## Module 2

<b>Timing to be decided locally</b>		<b>Faculty meeting and registration</b>			
<b>08:00</b>		<b>Mentor time and refreshments</b>			
08:15		<b>Skill stations and workshops:</b> <ul style="list-style-type: none"> <li>▪ Rhythm Recognition</li> <li>▪ High-quality CPR and Defibrillation</li> </ul>			
		<b>Rhythm Recognition</b>			
08:15	50 min	Group 1	Group 2	Group 3	Group 4
		<b>High-quality CPR and Defibrillation</b>			
09:05	50 min	Group 1	Group 2	Group 3	Group 4
09:55	15 min	Tea / coffee break			
10:10	15 min	<b>CASDemo revisited</b>			
10:25	25 min	<b>Lecture:</b> Post-resuscitation Care			
10:50	90 min	<b>Cardiac Arrest Simulations Teaching Sessions (CASTeach)</b>			
		<b>CASTeach 1</b>			
10:50	30 min	Group 1	Group 2	Group 3	Group 4
		<b>CASTeach 2</b>			
11:20	30 min	Group 1	Group 2	Group 3	Group 4
		<b>CASTeach 3</b>			
11:50	30 min	Group 1	Group 2	Group 3	Group 4
<b>12:20</b>		<b>Mentor time and finish</b> <b>Faculty meeting</b>			

**Module 3**

<b>Timing to be decided locally</b>		<b>Faculty meeting and registration</b>			
<b>08:00</b>		<b>Mentor time and refreshments</b>			
08:15	15 min	<b>CASDemo revisited</b>			
08:30	45 min	<b>Peri-Arrest Workshops</b>			
		<b>Assessing and treating tachycardia</b>		<b>Assessing and treating bradycardia</b>	<b>Arterial Blood Gas Analysis</b>
08:30	45 min	Group 1	Group 2	Group 3	Group 4
09:15	45 min	Group 3	Group 4	Group 1	Group 2
10:00	15 min	Tea / coffee break			
		<b>Assessing and treating tachycardia</b>		<b>Arterial Blood Gas Analysis</b>	
10:15	45 min	Group 2	Group 4	Group 3	Group 1
11:00	90 min	<b>Resuscitation in Special Circumstances workshops</b>			
		<b>Special Circs 1</b>		<b>Special Circs 2</b>	
11:00		Group 1	Group 2	Group 3	Group 4
11:30		Group 4	Group 3	Group 2	Group 1
		<b>Special Circs 3</b>			
12:00		Group 1	Group 2	Group 3	Group 4
<b>12:30</b>		<b>Mentor time and finish Faculty meeting</b>			

**Module 4**

Timing to be decided locally		Faculty meeting and registration			
<b>08:00</b>		<b>Mentor time and refreshments</b>			
08:15	15 min	<b>CASDemo revisited</b>			
08:30		<b>CASTeach (4-5)</b>			
		<b>CASTeach 4</b>			
08:30	45 min	Group 1	Group 2	Group 3	Group 4
		<b>CASTeach 5</b>			
09:15	45 min	Group 1	Group 2	Group 3	Group 4
10:00	30 min	Tea / coffee break and overview of CASTest and MCQ			
10:30	120 min	<b>CASTest and MCQ</b>			
<b>CASTest</b>		<b>Group 1</b>	<b>Group 2</b>	<b>MCQ</b>	<b>Group 3 &amp; 4</b>
10:30	10 min	Candidate 1	Candidate 7	10:30 – 11:30	Candidates 13 - 24
10:40	10 min	Candidate 2	Candidate 8		
10:50	10 min	Candidate 3	Candidate 9		
11:00	10 min	Candidate 4	Candidate 10		
11:10	10 min	Candidate 5	Candidate 11		
11:20	10 min	Candidate 6	Candidate 12		
<b>CASTest</b>		<b>Group 3</b>	<b>Group 4</b>	<b>MCQ</b>	<b>Group 1 &amp; 2</b>
11:30	10 min	Candidate 13	Candidate 19	11:30 – 12:30	Candidates 1 - 12
11:40	10 min	Candidate 14	Candidate 20		
11:50	10 min	Candidate 15	Candidate 21		
12:00	10 min	Candidate 16	Candidate 22		
12:10	10 min	Candidate 17	Candidate 23		
12:20	10 min	Candidate 18	Candidate 24		
12:30		<b>Faculty Meeting</b>			
13:00		<b>Candidate feedback in mentor groups</b>			
<b>End of Course</b>					