

## Advanced life support provider course programme With suggested timings based on 20 Candidates in 4 groups of 5

(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 cardiac arrest in the OH setting			
09:20	60 min	<b>Demonstration/lecture</b> <ul style="list-style-type: none"> <li>→ CASDemo (including non-technical skills)</li> <li>→ ALS Algorithm</li> </ul>			
10:20	15 min	Tea / coffee break			
10:35	35 min	<b>Interactive workshop:</b> Non-technical skills			
11:10	25 mins	<b>Lecture:</b> Immediate care of the patient with ROSC			
11:35	70mins	<b>Skill stations and workshops:</b> Airway Management Station			
<b>Airway management</b>					
11:35	70 min	Group 1	Group 2	Group 3	Group 4
12:45	45 min	Lunch break			
13:30	30mins	<b>Lecture:</b> Causes and physiology of cardiac arrest			
14:00		<b>Skill stations and workshop</b> continued			
<b>Rhythm recognition</b>					
14:00	40 min	Group 1	Group 2	Group 3	Group 4
<b>High-quality CPR, Defibrillation and A-E assessment (inc mech CPR)</b>					
14:40	70 min	Group 1	Group 2	Group 3	Group 4
15:50	15 min	Tea / coffee break			
16:05		<b>Cardiac Arrest Simulations Teaching Sessions (CASTeach) 1-3</b>			
<b>CASTeach 1</b>					
16:05	40 min	Group 1	Group 2	Group 3	Group 4
<b>CASTeach 2</b>					
16:45	40 min	Group 1	Group 2	Group 3	Group 4
<b>CASTeach 3 (one scenario)</b>					
17:25	20 min	Group 1	Group 2	Group 3	Group 4
17:45	15 min	<b>Mentor feedback</b>			
18:00		<b>Faculty meeting Course closure</b>			

## Day 2

08:30	15 min	Tea / coffee and mentor groups			
08:45		<b>Peri-arrest workshops (after tea/coffee break)</b>			
		<b>Assessing and treating tachycardia</b>		<b>Assessing and treating bradycardia</b>	
08:45	45 min	Group 1	Group 2	Group 3	Group 4
09:30	45 min	Group 3	Group 4	Group 1	Group 2
10:15	15 min	Tea / coffee break			
		<b>Communication workshop</b>			
10:30	45 min	Group 2 and Group 4		Group 3 and Group 1	
		<b>Resuscitation in Special Circumstances workshops (continued after lunch)</b>			
		<b>Special Circs – Asthma</b>		<b>Special Circs – Drowning</b>	
11:15	20 min	Group 1	Group 2	Group 3	Group 4
11:35	20 min	Group 4	Group 3	Group 2	Group 1
11:55	45 min	Lunch break			
		<b>Special Circs – Traumatic Cardiac Arrest</b>		<b>Special Circs - Pregnancy</b>	
12:40	30 min	Group 1	Group 2	Group 3	Group 4
13:10	30 min	Group 4	Group 3	Group 2	Group 1
		<b>Cardiac Arrest Simulations Teaching Sessions (CASTeach) 4-5</b>			
		<b>CASTeach 4</b>			
13:40	60 min	Group 1	Group 2	Group 3	Group 4
		<b>CASTeach 5 (two scenarios)</b>			
14:40	40 min	Group 1	Group 2	Group 3	Group 4
15:20	20 min	Tea / coffee break			
15:40	120 min	<b>CASTest</b>			
		<b>CASTest</b>			
15:40	180 min	CASTest			
18:40	15 min	<b>Faculty meeting</b>			
18:55	15 min	<b>Candidate feedback in mentor groups</b>			
<b>End of course</b>					