








전문심장소생술(미국심장협회) 과정

과정 이름	AHA ACLS Provider Course
과정 설명	2015 년 미국심장협회(AHA)의 Guideline 에 따른 전문심장소생술(Advanced Cardiovascular Life Support, ACLS) Provider 교육과정입니다.
교육생 대상	◎ MD Course – 의사 ◎ Non MD Course(BLS Provider 과정 수료 후 수료증 발급 받은 자) – 간호사, 응급구조사(1 급), 치과의사 – 학부생 : 의학과(본과 3,4 학년), 간호과(최종학년), 응급구조과(최종학년)
과정 준비물	<p>▶ 아래의 네 가지를 모두 지참하여야 입과 가능. (5)번 내용 숙지하고 입과 할 것.</p> <p>1) ACLS Providers Student Manual(2015 년 AHA Guideline)</p> <div data-bbox="810 813 1018 1093" data-label="Image"> </div> <p>2) Pre-Course Preparation Checklist</p> <ol style="list-style-type: none"> ① www.heart.org/eccstudent 사이트 접속 ② 'Enter code from manual'에 코드 입력: <u>acls15</u> ③ 'Launch' 버튼 밑에 'Additional Resources' 에 있는 'ACLS Precourse Preparation Checklist PDF(opens new window)를 출력 후 Check 를 하고 이름, 서명, 날짜를 적어서 교육 당일 날 기관에 제출함. <p>3) Pocket Mask(One-way Valve 포함)</p> <p>4) Pre course Self-Assessment (Pretest)</p> <ol style="list-style-type: none"> ① www.heart.org/eccstudent 사이트 접속 ② 'Enter code from manual'에 코드 입력: <u>acls15</u> ③ 'Launch' 클릭 ④ 'BEGIN ASSESSMENT' 클릭 ⑤ 이름 입력(수료증에 기재될 영문명과 동일하게 입력) ⑥ 'PROCEED' 누른 후 'START' 누르면 Pretest 가 시작되며, 90% 이상 받은 Paper 를 제출 및 출력함. <p>5) ECG 판독과 약제, 알고리즘 등에 대해서는 www.heart.org/eccstudent 사이트에 접속 후 코드입력란에 'acls15' 라고 입력 후 supplementary material 자료를 사전에 숙지하여 주시기 바랍니다.</p>
총 교육 시간	1) MD Course : 약 11 시간 15 분 (2day Course) 2) Non MD Course : 약 12 시간 30 분 (2day Course)

시뮬레이션 운영	한 조당 최소 4 명(강사 2 명이 시뮬레이션에 참여해야 함) ~ 최대 8 명																													
강사 : 교육생	강사 1 명당 교육생 6 명(최대 8 명까지 가능하나 권장하지 않음.)																													
마네킹 : 교육생	BLS 전용 마네킹 1 대당 교육생 최대 : 3 명 ACLS 전용 마네킹 1 대당 교육생 최대 : 6 명																													
AED : 교육생	AED 1 대당 교육생 최대 3 명 Manual Defibrillator 1 대당 교육생 6 명(최대 8 명까지 가능하나 권장하지 않음.)																													
프로그램	[첨부 1], [첨부 2] 참조																													
준회원비	<p>30,000 원</p> <p>*미국심장협회(AHA) 교육을 수강하기 위해서는 준회원비를 납부해야 합니다.</p> <p>*일반계산서 또는 세금계산서 발행은 불가하며, 일반영수증으로 발행됩니다.</p> <p>(협회는 비영리재단으로서 법인세법시행령 158 조 1 항과 법인세법 제 116 조 2 항에 의함)</p>																													
수료증	<p>수료증의 유효기간은 2 년입니다.</p> <p>2019 년 8 월 18 일 이전 수료자: 발급비는 3 만원, Paper card 형태로 우편 발송</p> <p>2019 년 8 월 19 일 이후 수료자: 발급비는 무료, E-card 형태로 CPRVerify 홈페이지에서 출력</p> <div data-bbox="432 1093 887 1615" style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p style="text-align: center; color: red; font-weight: bold;">ADVANCED CARDIOVASCULAR LIFE SUPPORT</p> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>ACLS Provider</p> </div> <div style="text-align: center;">  <p>American Heart Association</p> </div> </div> <p style="text-align: center; font-weight: bold;">HONG, GIL DONG</p> <p style="text-align: center; font-size: small;">has successfully completed the cognitive and skills evaluations in accordance with the curriculum of the American Heart Association Advanced Cardiovascular Life Support (ACLS) Program.</p> <table style="width: 100%; font-size: x-small;"> <tr> <td>Date Completed 2 Aug 2019</td> <td>Expiration Date Aug 2021</td> </tr> <tr> <td>Training Center Name Korean Association of Cardiopulmonary Resuscitation</td> <td>Instructor Name SONG EUNJIN(10160512577)</td> </tr> <tr> <td>Training Center ID ZZ20204</td> <td>Instructor ID 10160512577</td> </tr> <tr> <td>Training Center City, Country Seoul, SOUTH KOREA</td> <td>eCard Code 46E9D2CBF933</td> </tr> <tr> <td>Training Site Name Korean Association of Cardiopulmonary Resuscitation (KACPR)</td> <td>QR Code </td> </tr> </table> <p style="font-size: x-small; text-align: center;">To view or verify authenticity, students and employers should scan this QR code with their mobile device or go to www.cprverify.org © 2016 American Heart Association. All rights reserved. 15-2817 716</p> </div> <div data-bbox="432 1653 1098 1854" style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <table style="width: 100%; font-size: x-small;"> <tr> <td colspan="2" style="text-align: center; color: red; font-weight: bold;">ADVANCED CARDIOVASCULAR LIFE SUPPORT</td> </tr> <tr> <td style="width: 50%; vertical-align: top;"> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>ACLS Provider</p> </div> <div style="text-align: center;">  <p>American Heart Association</p> </div> </div> <p style="text-align: center; font-weight: bold;">HONG, GIL DONG</p> <p style="text-align: center; font-size: x-small;">The above individual has successfully completed the cognitive and skills evaluations in accordance with the curriculum of the American Heart Association Advanced Cardiovascular Life Support (ACLS) Program.</p> <table style="width: 100%; font-size: x-small;"> <tr> <td>Date Completed 2 Aug 2019</td> <td>Expiration Date Aug 2021</td> <td>eCard Code 46E9D2CBF933</td> </tr> </table> <p style="font-size: x-small; text-align: center;">To view or verify authenticity, students and employers should scan this QR code with their mobile device or go to www.cprverify.org</p> </td> <td style="width: 50%; vertical-align: top; border-left: 1px dashed black; padding-left: 5px;"> <table style="width: 100%; font-size: x-small;"> <tr> <td>Training Center Name</td> <td>Korean Association of Cardiopulmonary Resuscitation</td> </tr> <tr> <td>Training Center ID</td> <td>ZZ20204</td> </tr> <tr> <td>Training Center City, Country</td> <td>Seoul, SOUTH KOREA</td> </tr> <tr> <td>Training Site Name</td> <td>rean Association of Cardiopulmonary Resuscitation (KACPR)</td> </tr> <tr> <td>Instructor Name</td> <td>SONG EUNJIN(10160512577)</td> </tr> <tr> <td>Instructor ID</td> <td>10160512577</td> </tr> </table> <p style="font-size: x-small; text-align: center;">© 2016 American Heart Association. 15-2817 716</p> </td> </tr> </table> </div>	Date Completed 2 Aug 2019	Expiration Date Aug 2021	Training Center Name Korean Association of Cardiopulmonary Resuscitation	Instructor Name SONG EUNJIN(10160512577)	Training Center ID ZZ20204	Instructor ID 10160512577	Training Center City, Country Seoul, SOUTH KOREA	eCard Code 46E9D2CBF933	Training Site Name Korean Association of Cardiopulmonary Resuscitation (KACPR)	QR Code 	ADVANCED CARDIOVASCULAR LIFE SUPPORT		<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>ACLS Provider</p> </div> <div style="text-align: center;">  <p>American Heart Association</p> </div> </div> <p style="text-align: center; font-weight: bold;">HONG, GIL DONG</p> <p style="text-align: center; font-size: x-small;">The above individual has successfully completed the cognitive and skills evaluations in accordance with the curriculum of the American Heart Association Advanced Cardiovascular Life Support (ACLS) Program.</p> <table style="width: 100%; font-size: x-small;"> <tr> <td>Date Completed 2 Aug 2019</td> <td>Expiration Date Aug 2021</td> <td>eCard Code 46E9D2CBF933</td> </tr> </table> <p style="font-size: x-small; text-align: center;">To view or verify authenticity, students and employers should scan this QR code with their mobile device or go to www.cprverify.org</p>	Date Completed 2 Aug 2019	Expiration Date Aug 2021	eCard Code 46E9D2CBF933	<table style="width: 100%; font-size: x-small;"> <tr> <td>Training Center Name</td> <td>Korean Association of Cardiopulmonary Resuscitation</td> </tr> <tr> <td>Training Center ID</td> <td>ZZ20204</td> </tr> <tr> <td>Training Center City, Country</td> <td>Seoul, SOUTH KOREA</td> </tr> <tr> <td>Training Site Name</td> <td>rean Association of Cardiopulmonary Resuscitation (KACPR)</td> </tr> <tr> <td>Instructor Name</td> <td>SONG EUNJIN(10160512577)</td> </tr> <tr> <td>Instructor ID</td> <td>10160512577</td> </tr> </table> <p style="font-size: x-small; text-align: center;">© 2016 American Heart Association. 15-2817 716</p>	Training Center Name	Korean Association of Cardiopulmonary Resuscitation	Training Center ID	ZZ20204	Training Center City, Country	Seoul, SOUTH KOREA	Training Site Name	rean Association of Cardiopulmonary Resuscitation (KACPR)	Instructor Name	SONG EUNJIN(10160512577)	Instructor ID	10160512577
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[첨부 1] MD Course 프로그램

<i>Day 1</i>				
Time		min	Station	
9:00	-	9:15	15	Welcome, Introductions and Course Administration [Life is Why activity: Optional (DVD: 01min 44sec)] Director :
9:15	-	9:25	10	ACLS Course Overview and Organization Director :
9:25	-	9:40	15	The Science of Resuscitation (DVD: 10min 27sec) Instructor :
9:40	-	9:55	15	Systematic Approach (DVD: 8min 34sec) Instructor :
Divide class into 2 groups		Practice/Testing Station: High-Quality BLS (DVD: 06min 00sec)		Learning/Testing Station: Airway Management (DVD: 08min 35sec)
장소/강사		(Room name)	Instructor :	(Room name) Instructor :
9:55	-	10:25	30	Group A Group B
Divide class into 2 groups		Learning/Testing Station: Airway Management (DVD: 08min 35sec)		Practice/Testing Station: High-Quality BLS (DVD: 06min 00sec)
장소/강사		(Room name)	Instructor :	(Room name) Instructor :
10:25	-	10:55	30	Group A Group B
10:55	-	11:05	10	Break
11:05	-	11:35	30	Acute Coronary Syndrome (DVD: 13min 16sec) Instructor :
				Acute Ischemic Stroke (DVD: 16min 33sec) Instructor :
11:35	-	11:45	10	Team Dynamics (DVD: 07min 55sec) Instructor :
11:45	-	11:55	10	Algorithms: Cardiac Arrest Algorithm (DVD: 05min 11sec) Algorithms: Post-Cardiac Arrest Care Algorithm (DVD: 02min 41sec) Instructor :
11:55	-	12:05	10	Break
Divide class into 2 groups		Learning Station: Cardiac Arrest and Post-Cardiac Arrest Care		Learning Station: Cardiac Arrest and Post-Cardiac Arrest Care
장소/강사		Room name	Instructor :	Room name Instructor :
12:05	-	12:15	10	Technology Review(each room) Technology Review(each room)
12:15	-	13:45	90	Group A Group B
13:45	-	14:30	45	Lunch
14:30	-	14:45	15	Intraosseous Access (DVD: 02min 51sec) Coping With Death (DVD: 12min 09sec) Instructor :
14:45	-	15:00	15	Algorithms:Bradycardia Algorithm (DVD: 02min 48sec) Algorithms: Tachycardia Algorithm (DVD: 03min 42sec) Instructor :
15:00	-	15:10	10	End of Day 1

Day 2

Time	min	Station			
Divide class into 2 groups		Learning Station: Bradycardia			
장소/강사		Room name	Instructor :	Room name	Instructor :
9:00 - 9:30	30	Group A		Group B	
Divide class into 2 groups		Learning Station:Tachycardia			
9:30 - 10:20	50	Group B		Group A	
10:20 - 10:30	10	End-of-Day Debriefing			Director :
10:30 - 10:40	10	Megacode : Out-of-Hospital (DVD: 07min 34sec) or Megacode : In-Hospital (DVD: 07min 47sec)			Instructor :
Divide class into 2 groups		Learning Station: Megacode Practice		Learning Station: Megacode Practice	
장소/강사		Room name	Instructor :	Room name	Instructor :
10:40 - 11:40	60	Group A		Group B	
Divide class into 2 groups		Megacode Test		Megacode Test	
장소/강사		Room name	Instructor :	Room name	Instructor :
11:40 - 12:50	70	Group B		Group A	
12:50 - 13:00	10	Break			
13:00 - 13:45	45	Written Test			All Instructors
13:45 - 14:05	20	Class Ends/Remediation			Director :

[첨부 2] Non MD Course 프로그램

<i>Day 1</i>				
Time	min	Station		
9:00 - 9:15	15	Welcome, Introductions and Course Administration [Life is Why activity: Optional (DVD: 01min 44sec)]		Director :
9:15 - 9:25	10	ACLS Course Overview and Organization		Director :
9:25 - 9:40	15	The Science of Resuscitation (DVD: 10min 27sec)		Instructor :
9:40 - 9:55	15	Systematic Approach (DVD: 8min 34sec)		Instructor :
Divide class into 2 groups		Practice/Testing Station: High-Quality BLS (DVD: 06min 00sec)		Learning/Testing Station: Airway Management (DVD: 08min 35sec)
장소/강사		(Room name)	Instructor :	(Room name) Instructor :
9:55 - 10:25	30	Group A		Group B
Divide class into 2 groups		Learning/Testing Station: Airway Management (DVD: 08min 35sec)		Practice/Testing Station: High-Quality BLS (DVD: 06min 00sec)
장소/강사		(Room name)	Instructor :	(Room name) Instructor :
10:25 - 10:55	30	Group B		Group A
10:55 - 11:05	10	Break		
11:05 - 11:35	30	Acute Coronary Syndrome (DVD: 13min 16sec)		Instructor :
		Acute Ischemic Stroke (DVD: 16min 33sec)		Instructor :
11:35 - 11:45	10	Team Dynamics (DVD: 07min 55sec)		Instructor :
11:45 - 11:55	10	Algorithms: Cardiac Arrest Algorithm (DVD: 05min 11sec)		Instructor :
		Algorithms: Post-Cardiac Arrest Care Algorithm (DVD: 02min 41sec)		
11:55 - 12:05	10	Break		
Divide class into 2 groups		Learning Station: Cardiac Arrest and Post-Cardiac Arrest Care		Learning Station: Cardiac Arrest and Post-Cardiac Arrest Care
장소/강사		Room name	Instructor :	Room name Instructor :
12:05 - 12:15	10	Technology Review(each room)		Technology Review(each room)
12:15 - 13:45	90	Group A		Group B
13:45 - 14:30	45	Lunch		
14:30 - 14:45	15	Intraosseous Access (DVD: 02min 51sec)		Instructor :
		Coping With Death (DVD: 12min 09sec)		
14:45 - 15:25	40	ECG interpretation for ACLS provider course		Instructor :
15:25 - 15:40	15	Introduction of Pharmacology / Electrical Therapy		Instructor :
15:40 - 16:10	30	Commentary of Pretest		Instructor :
16:10 - 16:25	15	Algorithms:Bradycardia Algorithm (DVD: 02min 48sec)		Instructor :
		Algorithms: Tachycardia Algorithm (DVD: 03min 42sec)		
16:25 - 16:35	10	End of Day 1		

Day 2

Time	min	Station			
Divide class into 2 groups		Learning Station: Bradycardia			
장소/강사		Room name	Instructor :	Room name	Instructor :
9:00 - 9:30	30	Group A		Group B	
Divide class into 2 groups		Learning Station:Tachycardia			
9:30 - 10:20	50	Group B		Group A	
10:20 - 10:30	10	End-of-Day Debriefing			Director :
10:30 - 10:40	10	Megacode : Out-of-Hospital (DVD: 07min 34sec) or Megacode : In-Hospital (DVD: 07min 47sec)			Instructor :
Divide class into 2 groups		Learning Station: Megacode Practice		Learning Station: Megacode Practice	
장소/강사		Room name	Instructor :	Room name	Instructor :
10:40 - 11:40	60	Group A		Group B	
Divide class into 2 groups		Megacode Test		Megacode Test	
장소/강사		Room name	Instructor :	Room name	Instructor :
11:40 - 12:50	70	Group B		Group A	
12:50 - 13:00	10	Break			
13:00 - 13:45	45	Written Test			All Instructors
13:45 - 14:05	20	Class Ends/Remediation			Director :