Supplementary materials

Table S1. Questionnaires

No	Questionnaire
1	Please write your gender and age.
	- Gender: (Male / Female)
	- Age: () years old
2	Please write your name initials.
	[3 characters in uppercase alphabetical order, last name, first name (e.g., Hong Gil-dong →
	HGD)]
	- (
3	Have you ever taken this American Heart Association Basic Life Support Provider
	course?
	1) Yes 2) No (Go to question 5)
4	When did you take a previous training?
	1) 2019 2) 2018 3) 2017 4) 2016 5) Before 2016
5	What is the ratio of chest compressions to rescue breath during cardiopulmonary
	resuscitation? (in adults)
	1) 30: 2 2) 30: 1 3) 15: 2 4) 15: 1
6	What are the steps of CPR?
	1) Check responsiveness → Shout for nearby help → Check breathing & pulse,

Activate the EMS system and obtain an AED → Provide chest compressions 2) Shout for nearby help → Check responsiveness → Check breathing & pulse → Activate the EMS system and obtain an AED → Provide chest compression 3) Shout for nearby help → Activate the EMS system and obtain an AED → Check responsiveness → Check breathing & pulse → Provide chest compressions 7 Which is the right location for chest compression? 1) In the middle of the chest between the nipples 2) On the upper half of the sternum 3) On the lower half of the sternum 4) Central point of the sternum 8 What is the proper depth and speed of chest compression? (in adults) 1) 50 mm or more, 100 times/minute or more 2) 50 mm or more, 100-120 times/minute 3) 50-60 mm, more than 100 times/minute 4) 50-60 mm, 100-120 times/minute How do you manage the airway manually? 1) Raise the chin 2) Turn the head sideways 3) Support the neck with a pillow 4) Tilt the head and chin 10 What is the sequence of using an AED?

[Turn on the power → Attach the Pad → (a) → Clear from the patient → (b) → (c)
→ Deliver electric shock → Continue chest compression]
1) Connect the cord, Clear from the patient, Analyze the CPR rhythm
2) Analyze the CPR rhythm, Connect the cord, Clear from the patient
3) Analyze the CPR rhythm, Deliver electric shock, Clear from the patient
4) Connect the cord, Analyze the CPR rhythm, Clear from the patient
11 When was the most recent revised AHA CPR guideline released?
1) 2010 2) 2013 3) 2015 4) 2017 5) 2019

AED = automatic external defibrillator; AHA = American Heart Association; CPR = cardiopulmonary resuscitation; EMS = emergency medical system. There is no difference in importance for each questionnaire item.