

Table 1 The baseline characteristics of Emergency group and Non-emergency group,
n (%)

Variables		Emergency group (<i>n</i> =194)	Non-emergency group (<i>n</i> =302)	<i>P</i> value
Pass-rate, <i>n</i> (%)		175(90.7%)	253(83.8%)	0.042
Gender				
	Female, <i>n</i> (%)	117(60.3%)	231(76.5 %)	<0.001*
	Male, <i>n</i> (%)	77(39.7%)	71(23.5%)	
Age, years		32.22±7.09	33.41±7.76	0.088
Professional types	Physicians, <i>n</i> (%)	66 (34.0%)	92 (30.4%)	0.778
	Nurse, <i>n</i> (%)	127 (65.5%)	140 (46.4%)	0.001*
	Other, <i>n</i> (%)	1 (0.5%)	70 (23.2%)	0.001*
Numbers of receiving CPR training within passed one year, <i>n</i> (%)	0/years	24(12.5 %)	65(22.0%)	0.009*
	1-3/years	41(21.4%)	107(36.3 %)	<0.001*
	3-5/years	87(45.3 %)	106(35.9 %)	0.029*
	>5/years	40(20.8 %)	17(5.8 %)	<0.001*

**P*<0.05; Cardiopulmonary Resuscitation, CPR; n, numbers.

Table 2 The knowledge on dealing with emergency situation in two groups, *n* (%)

variables	Emergency group (<i>n</i> =194)	Non-emergency group (<i>n</i> =302)	<i>P</i> value
Resuscitation experience on OHCA	113(58.2 %)	42(14.0%)	<0.001*
Resuscitation experience on IHCA	185(95.4 %)	197(65.3%)	<0.001*
Traumatic hemorrhage	163(83.5%)	109(36.1%)	<0.001*
Suffocation	144(74.2%)	65(21.5%)	<0.001*
Syncope	103(53.1%)	35(11.6%)	<0.001*
Epilepsy	154(79.4%)	91(30.1%)	<0.001*
Use of AED	187(96.4%)	239(79.1%)	<0.001*
Resuscitation process (<i>A-B-C</i> to <i>C-B-A</i>)	159(81.95%)	232(76.8%)	0.181

**P*<0.05; Out-of-hospital cardiac arrest, OHCA; In-of-hospital cardiac arrest, IHCA;
automatic external defibrillator, AED.

Table 3 The attitude of being mass CPR instructor in two groups, n (%)

variables		Emergency group (n=194)	Non-emergency group (n=302)	P value
Why you participate in mass CPR training?[Multiple choices]	Social responsibility	154(79.4%)	234(78.8%)	0.875
	Hobby	114(58.8%)	153(51.5%)	0.115
	Advertising health knowledge	180(92.8%)	268(88.7%)	0.122
	Assigned task	66(34.0%)	74(24.9%)	0.070
	Part-time fee	48(24.7%)	43(14.5%)	0.004*
How many times would you participate in public CPR training?[Single choice]	2-3/week	14(7.2%)	23(7.6%)	0.869
	1/week	74(38.1%)	73(24.2%)	0.001*
	1/month	67(34.5%)	115(38.1%)	0.833
	1/season	39(20.1%)	91(30.1%)	0.010*
Your view on current status on public CPR training[Single choice]	Lack	136(70.6%)	225(71.7%)	0.082
	Enough	54(27.8%)	65(21.8%)	0.127
	Abundance	9(4.6%)	12(4.0%)	0.743

* $P < 0.05$; Cardiopulmonary Resuscitation, CPR;

Table 4 Binary logistical regression analysis of factors related to being mass CPR instructors.

Index	<i>B</i>	SE(b)	T value	<i>P</i> value	OR	95% <i>C.I.</i>	
						lower	upper
Age, years	-0.047	0.019	5.988	0.014*	0.957	0.925	0.990
Previous training on AED	0.808	0.369	4.784	0.029*	2.698	1.441	5.050
Part-time fee	1.237	0.537	5.304	0.021*	3.176	1.231	8.191

* $P < 0.05$; Cardiopulmonary Resuscitation, CPR; automatic external defibrillator, AED;

B, regression coefficient; SE (*b*), standard errors of regression coefficient; C.I.

Confidence Interval; OR, Odds Ratio.